

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027009.D
 Acq On : 22 Sep 2018 10:01
 Operator : MD/SY
 Sample : J4958-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:18 PM

Quant Time: Sep 24 04:24:31 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	54781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	105179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	99313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79143	71.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.56%	
35) Dibromofluoromethane	4.88	113	53695	58.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.80%	
50) Toluene-d8	7.57	98	165761	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	10.31	95	59059	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	38662	54.055	ug/l	97
3) Chloromethane	1.33	50	83769	67.931	ug/l	99
4) Vinyl Chloride	1.40	62	70360	61.125	ug/l	100
5) Bromomethane	1.61	94	40916	62.420	ug/l	100
6) Chloroethane	1.69	64	48677	66.185	ug/l	100
7) Trichlorofluoromethane	1.88	101	62193	47.572	ug/l	100
8) Diethyl Ether	2.10	74	46140	73.323	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	28178	35.054	ug/l	98
10) Methyl Iodide	2.41	142	49229	49.379	ug/l	100
11) Tert butyl alcohol	2.83	59	96703	382.657	ug/l	99
12) 1,1-Dichloroethene	2.28	96	40805	53.931	ug/l	97
13) Acrolein	2.20	56	61477	451.274	ug/l	99
14) Allyl chloride	2.59	41	91840	59.847	ug/l	97
15) Acrylonitrile	2.94	53	241054	378.458	ug/l	99
16) Acetone	2.32	43	223134	390.301	ug/l	100
17) Carbon Disulfide	2.48	76	117665	47.739	ug/l	99
18) Methyl Acetate	2.62	43	83429	53.163	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	220243	79.214	ug/l	99
20) Methylene Chloride	2.70	84	65722	66.559	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	46014	56.962	ug/l	99
22) Diisopropyl ether	3.58	45	254401	77.506	ug/l	94
23) Vinyl Acetate	3.53	43	692057	247.346	ug/l	100
24) 1,1-Dichloroethane	3.45	63	122502	67.764	ug/l	99
25) 2-Butanone	4.26	43	342735	369.894	ug/l	99
26) 2,2-Dichloropropane	4.23	77	32346	22.943	ug/l	89
27) cis-1,2-Dichloroethene	4.23	96	59212	64.906	ug/l	95
28) Bromochloromethane	4.55	49	65744	75.444	ug/l	97
29) Tetrahydrofuran	4.64	42	222882	397.637	ug/l	97
30) Chloroform	4.67	83	109580	65.302	ug/l	100
31) Cyclohexane	5.00	56	53823	32.552	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	75226	56.147	ug/l	99
36) 1,1-Dichloropropene	5.14	75	56893	40.530	ug/l	99
37) Ethyl Acetate	4.38	43	88483	46.563	ug/l	99
38) Carbon Tetrachloride	5.14	117	54471	40.777	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	38704	25.372	ug/l	99
40) Benzene	5.39	78	226997	53.194	ug/l	99
41) Methacrylonitrile	4.54	41	70817	71.757	ug/l	98
42) 1,2-Dichloroethane	5.41	62	102144	63.354	ug/l	99
43) Isopropyl Acetate	5.55	43	150815	54.420	ug/l	99
44) Trichloroethene	6.19	130	41241	45.396	ug/l	100
45) 1,2-Dichloropropane	6.44	63	71698	58.967	ug/l	100
46) Dibromomethane	6.56	93	44279	60.297	ug/l	100
47) Bromodichloromethane	6.76	83	87819	59.142	ug/l	95
48) Methyl methacrylate	6.62	41	94681	62.512	ug/l	99
49) 1,4-Dioxane	6.61	88	37710	1259.301	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	655097	351.468	ug/l	99
52) Toluene	7.64	92	120084	49.093	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	84898	53.215	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	86041	49.049	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	64380	62.116	ug/l	97
56) Ethyl methacrylate	8.02	69	107097	59.134	ug/l	98
57) 1,3-Dichloropropane	8.24	76	121989	63.282	ug/l	100
59) 2-Hexanone	8.36	43	503557	345.135	ug/l	99
60) Dibromochloromethane	8.48	129	62494	61.471	ug/l	98
61) 1,2-Dibromoethane	8.59	107	66089	61.285	ug/l	100
64) Tetrachloroethene	8.23	164	27379	35.777	ug/l	96
65) Chlorobenzene	9.12	112	126104	47.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50918	56.139	ug/l	98
67) Ethyl Benzene	9.25	91	192494	44.454	ug/l	99
68) m/p-Xylenes	9.38	106	145385	83.161	ug/l	99
69) o-Xylene	9.78	106	77194	50.315	ug/l	100
70) Styrene	9.79	104	132247	46.304	ug/l	100
71) Bromoform	9.96	173	45091	64.288	ug/l #	98
73) Isopropylbenzene	10.17	105	171737	44.008	ug/l	99
74) N-amyl acetate	10.02	43	107754	47.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	116864	65.133	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	101529m	65.145	ug/l	
77) Bromobenzene	10.45	156	51854	54.376	ug/l	95
78) n-propylbenzene	10.59	91	193964	42.007	ug/l	99
79) 2-Chlorotoluene	10.66	91	139491	48.095	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	151199	46.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	29260m	60.081	ug/l	
82) 4-Chlorotoluene	10.77	91	155797	47.906	ug/l	99
83) tert-Butylbenzene	11.10	119	140103	43.991	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	161793	49.352	ug/l	99
85) sec-Butylbenzene	11.32	105	148444	38.183	ug/l	99
86) p-Isopropyltoluene	11.48	119	132779	36.650	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	85853	48.379	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	88276	45.642	ug/l	99
89) n-Butylbenzene	11.89	91	107004	31.204	ug/l	99
90) Hexachloroethane	12.15	117	27918	39.490	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	94341	50.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	24817	67.801	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	54086	49.790	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	17036	29.640	ug/l	99
95) Naphthalene	13.74	128	249846	58.528	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	64868	55.684	ug/l	98

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

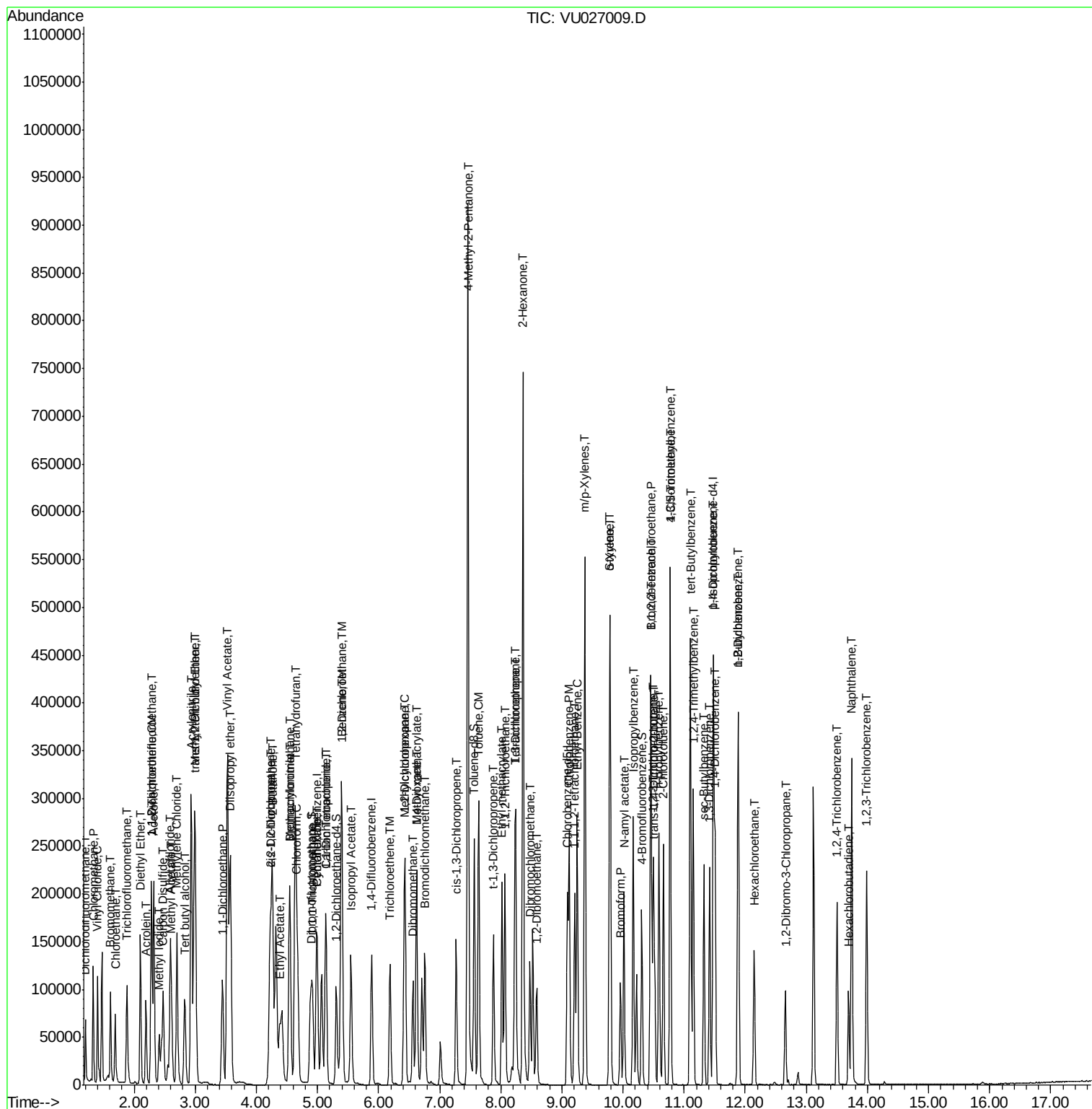
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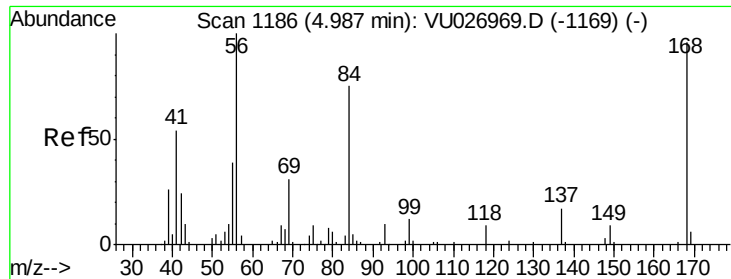
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:168 Resp: 54781

Ion Ratio Lower Upper

168 100

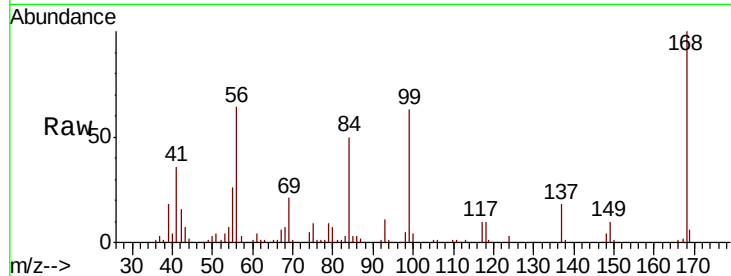
99 61.7 48.1 72.1

Manual Integrations

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

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

4.98

25000

20000

15000

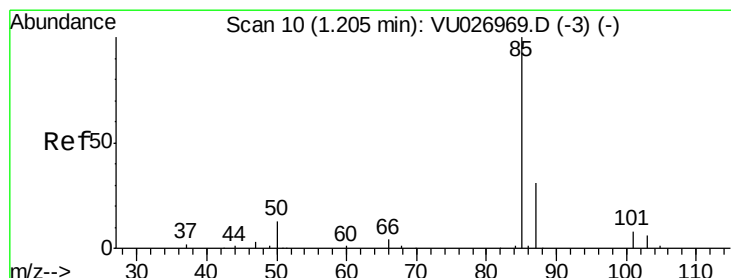
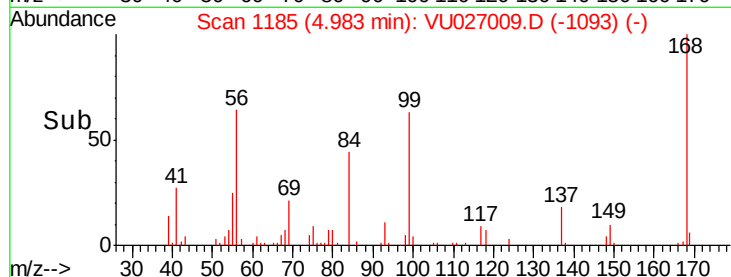
10000

5000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.055 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027009.D

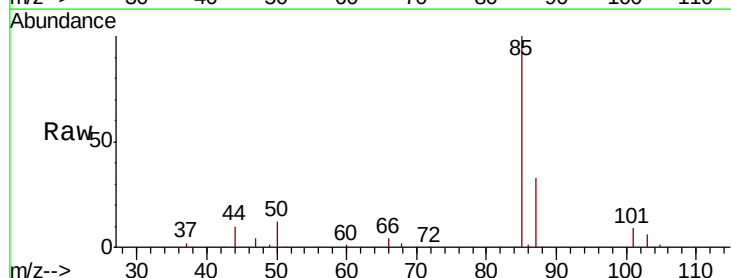
Acq: 22 Sep 2018 10:01

Tgt Ion: 85 Resp: 38662

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.7



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

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

1.21

40000

30000

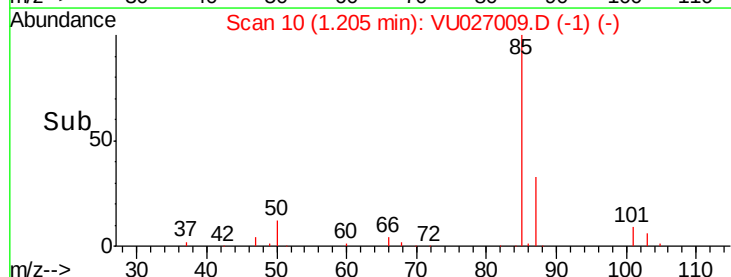
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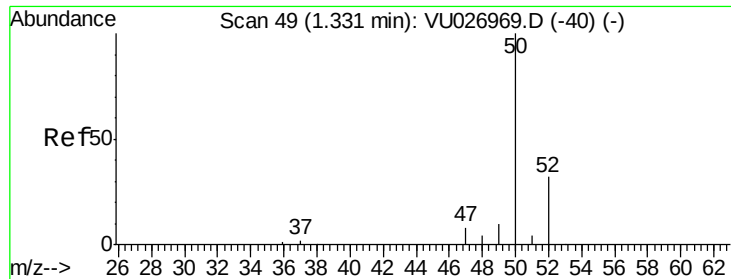
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 67.931 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 83769

Ion Ratio Lower Upper

50 100

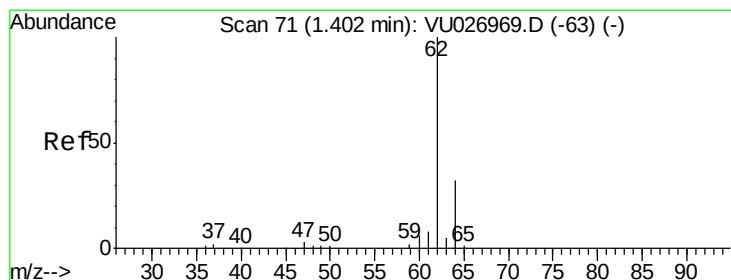
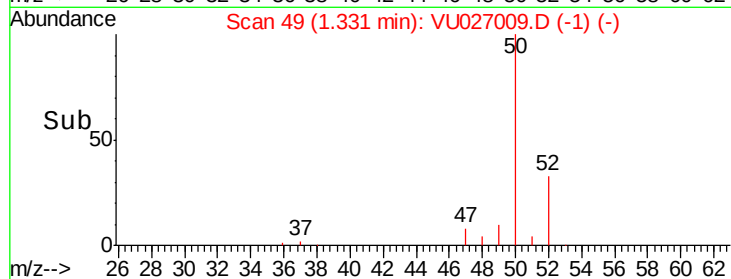
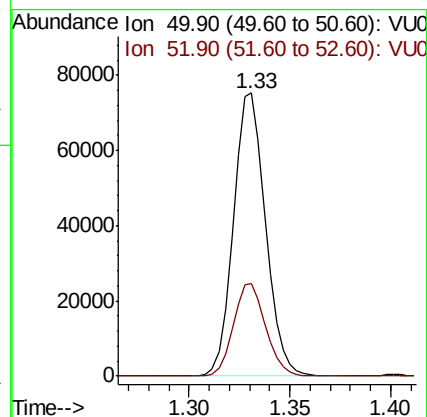
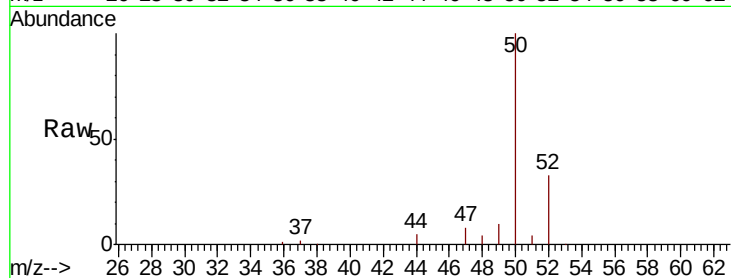
52 32.8 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 61.125 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027009.D

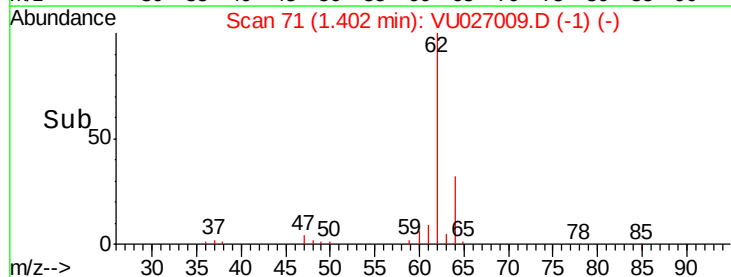
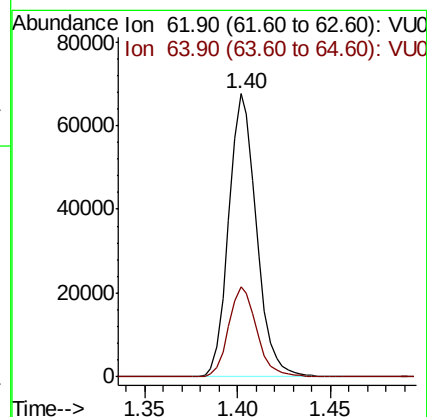
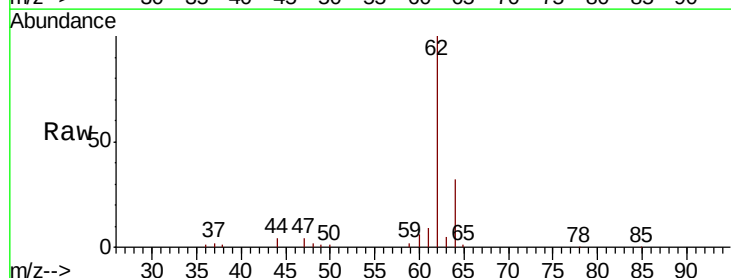
Acq: 22 Sep 2018 10:01

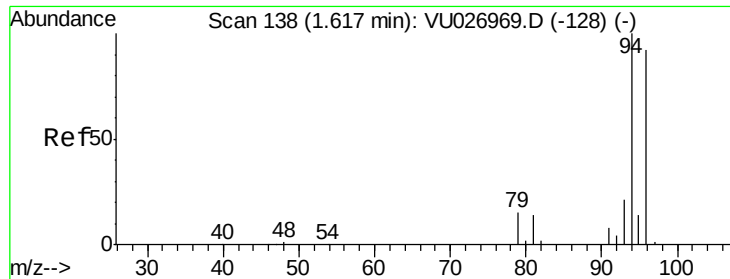
Tgt Ion: 62 Resp: 70360

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





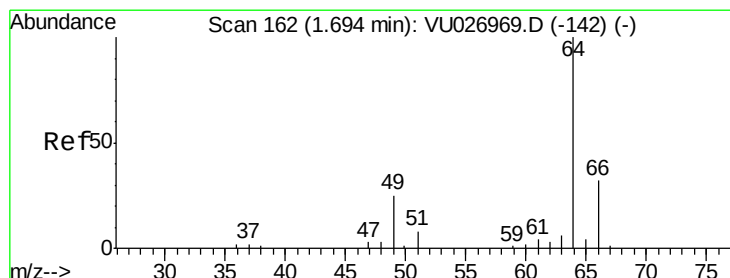
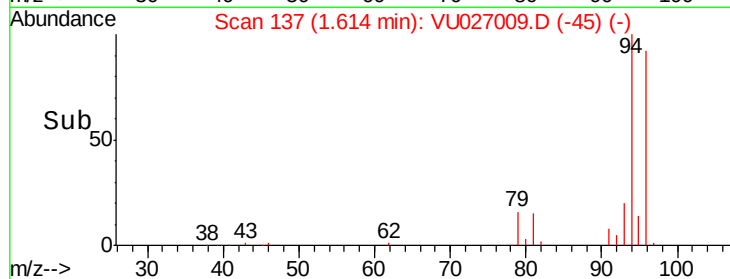
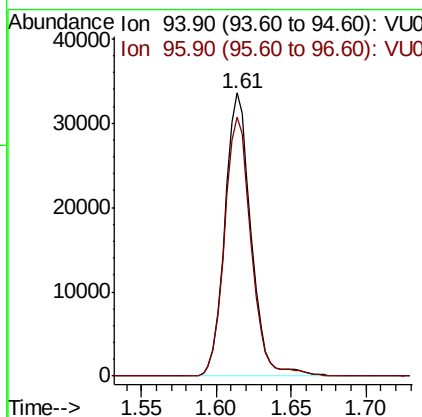
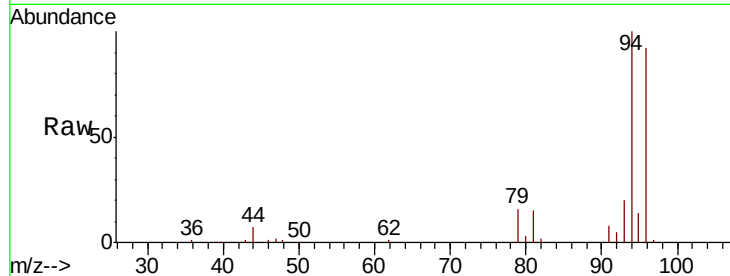
#5
 Bromomethane
 Concen: 62.420 ug/l
 RT: 1.61 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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Tot Ion: 94 Resp: 40916
 Ion Ratio Lower Upper
 94 100
 96 91.7 73.2 109.8

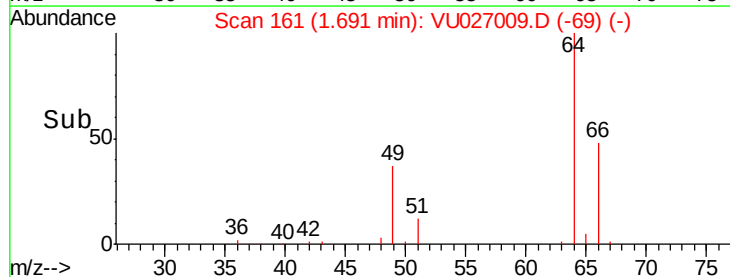
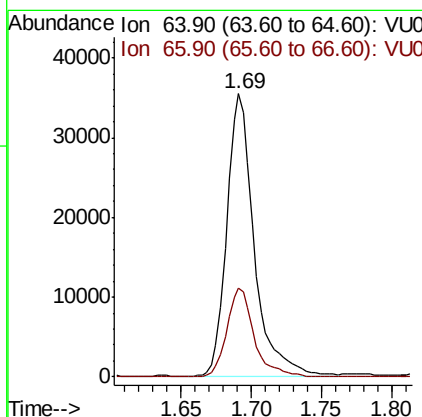
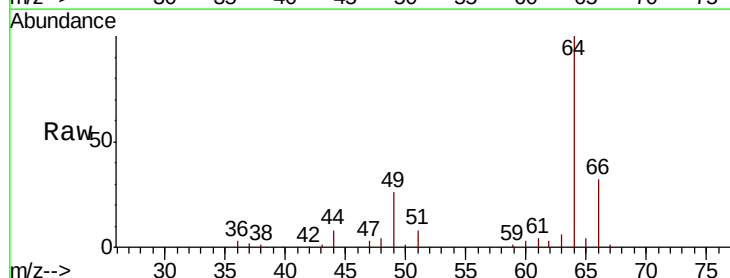
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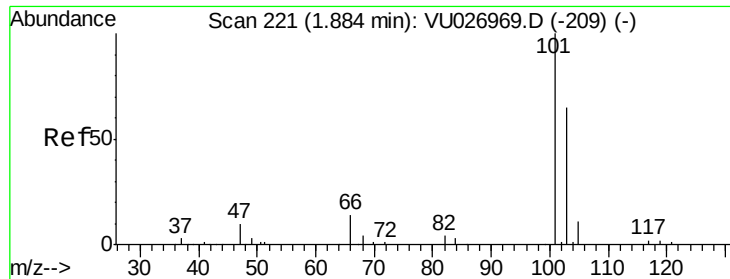
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#6
 Chloroethane
 Concen: 66.185 ug/l
 RT: 1.69 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 64 Resp: 48677
 Ion Ratio Lower Upper
 64 100
 66 31.6 25.3 37.9





#7

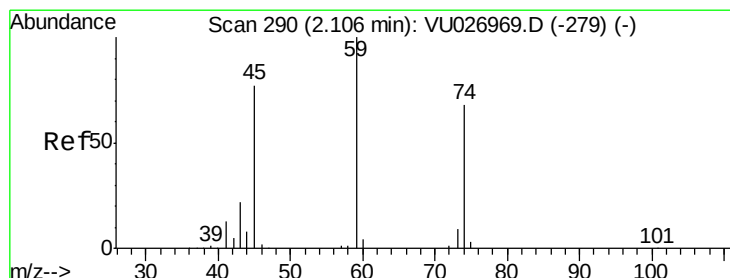
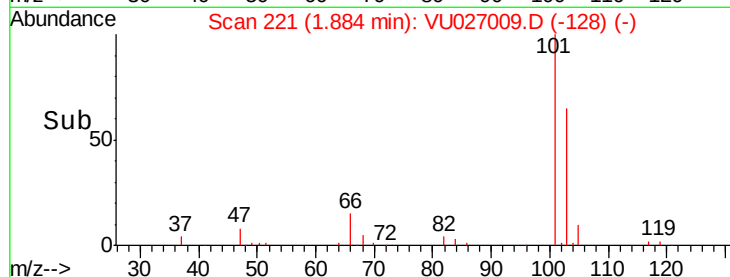
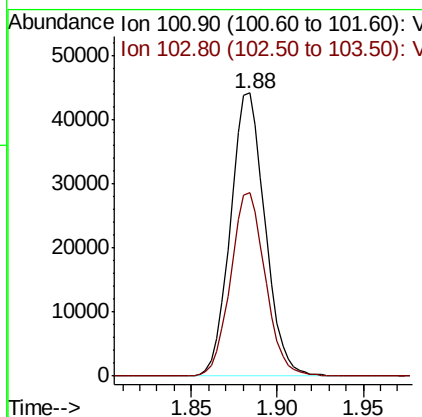
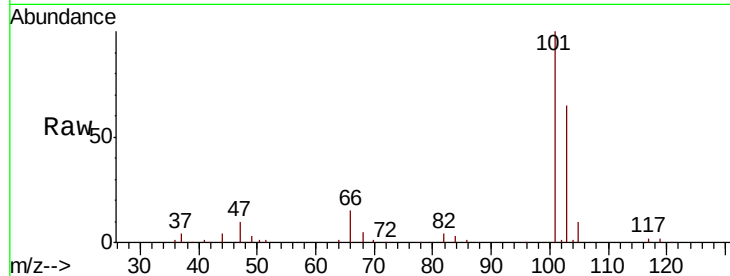
Trichlorofluoromethane
 Concen: 47.572 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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Tot Ion:101 Resp: 62193
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2

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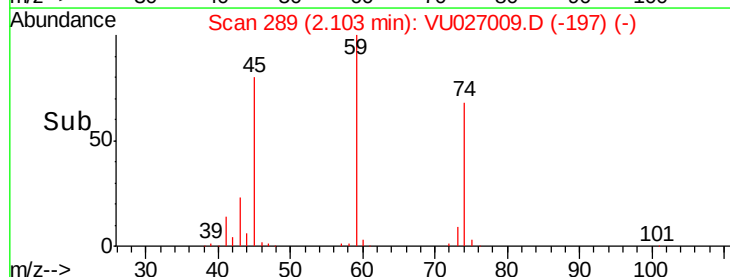
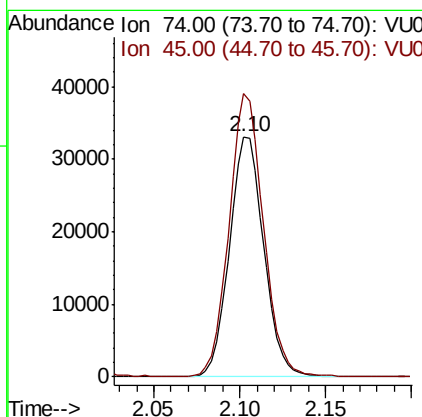
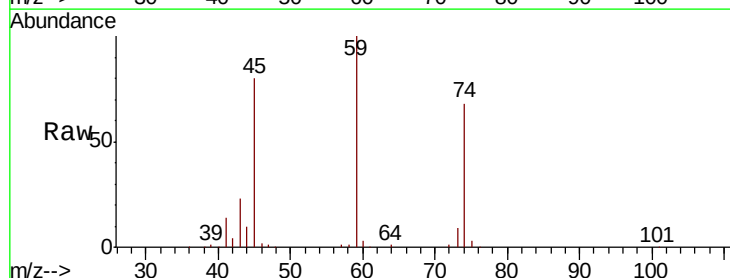
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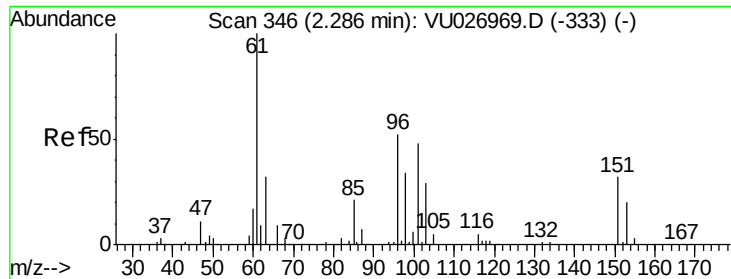


#8

Diethyl Ether
 Concen: 73.323 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 74 Resp: 46140
 Ion Ratio Lower Upper
 74 100
 45 118.2 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.054 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

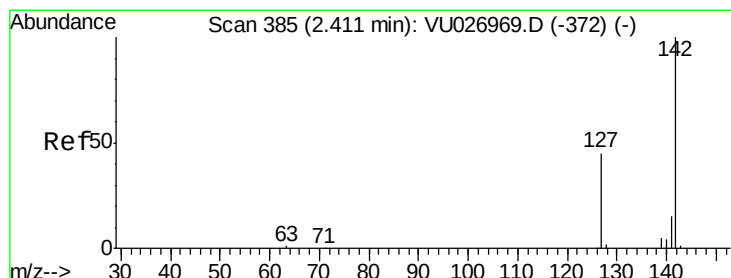
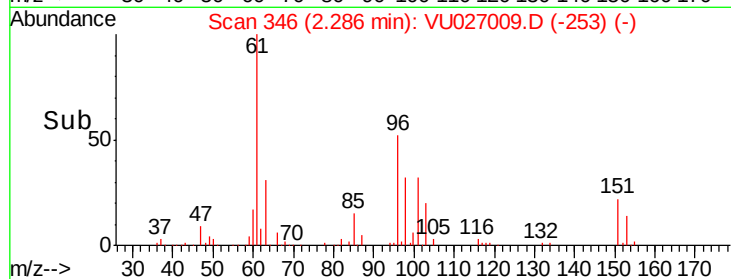
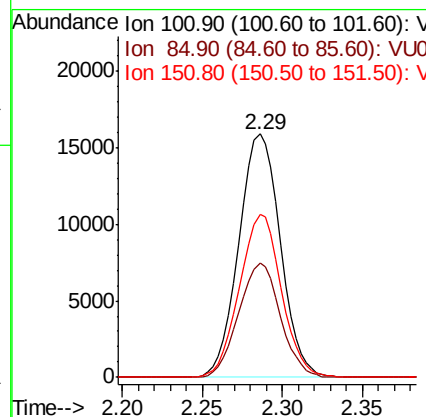
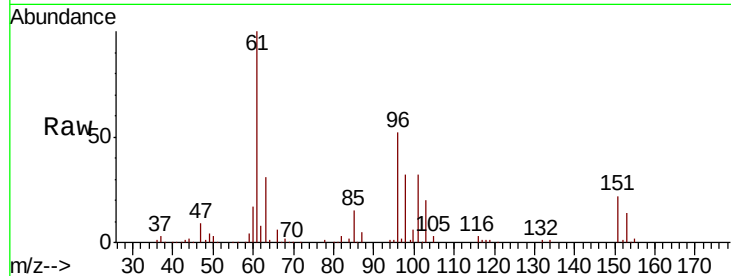
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	101	Resp:	28178
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.2	54.2
151	67.4	54.5	81.7

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:14:18 PM



#10

Methyl Iodide

Concen: 49.379 ug/l

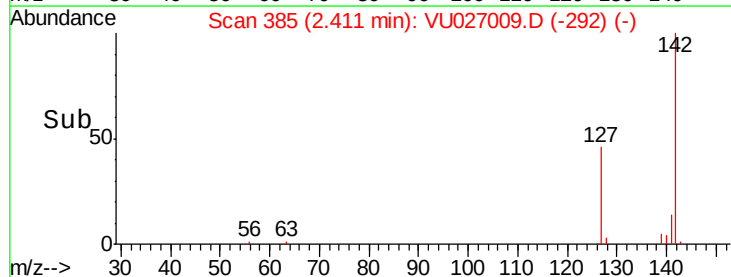
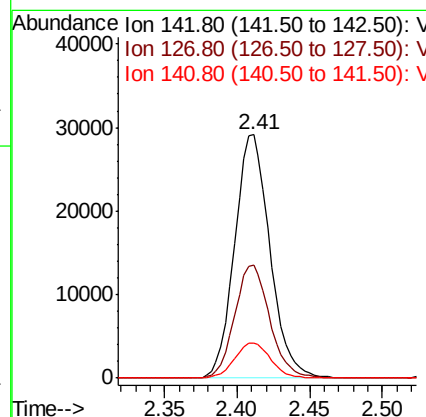
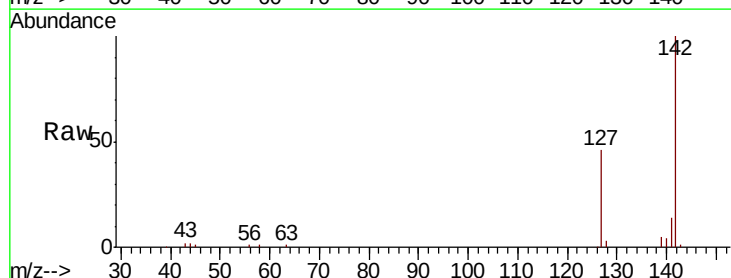
RT: 2.41 min Scan# 385

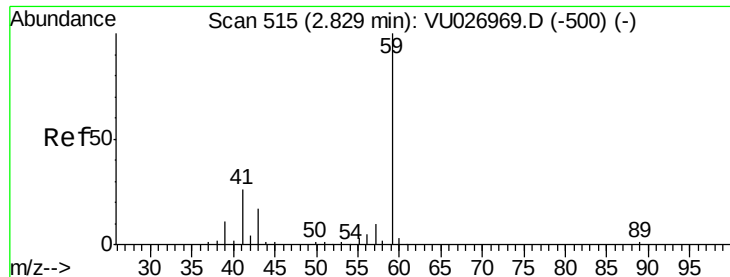
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	142	Resp:	49229
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.7	55.1
141	14.6	11.8	17.6





#11

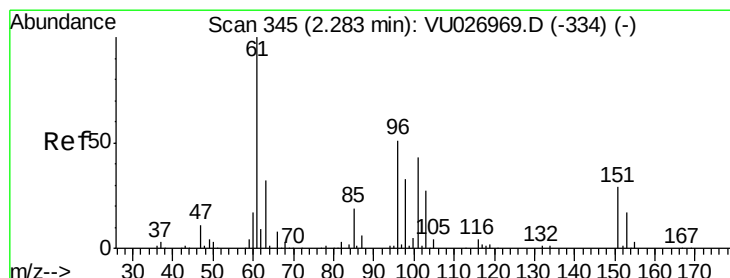
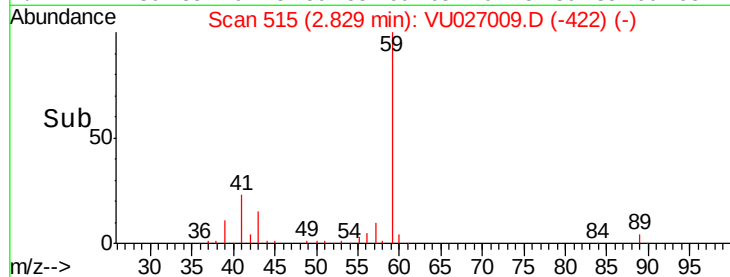
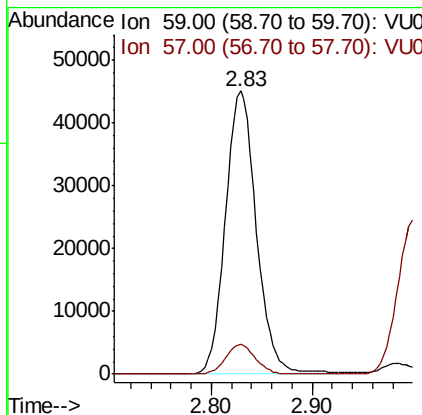
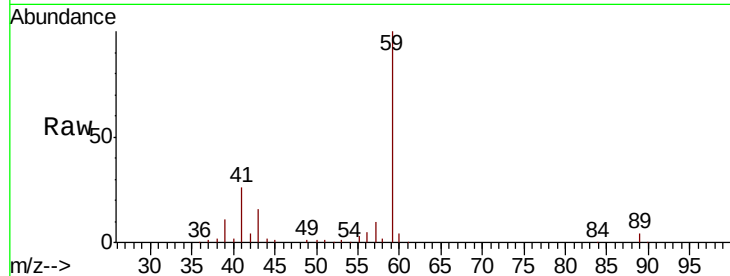
Tert butyl alcohol
Concen: 382.657 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
APPROVED

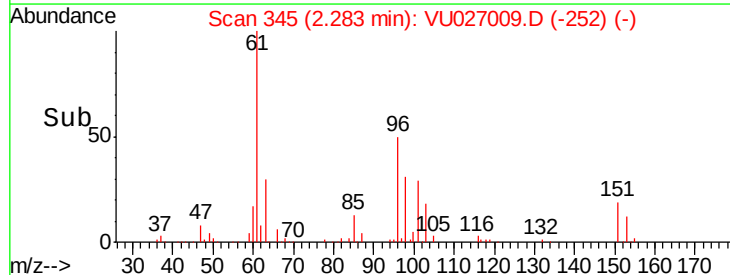
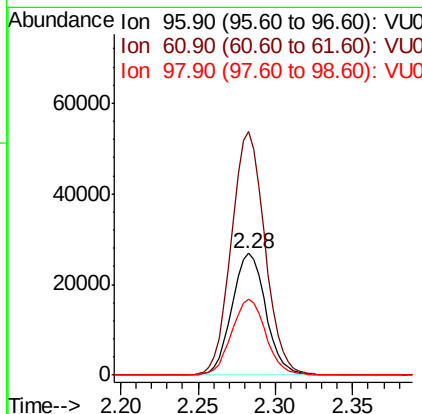
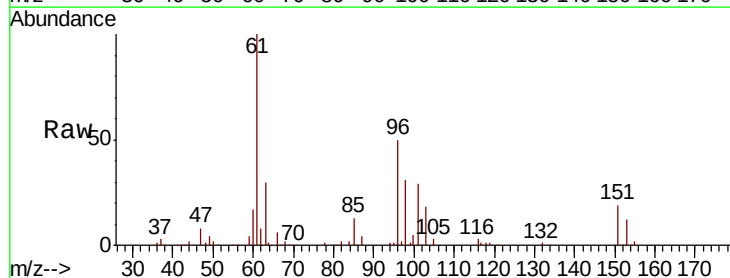
MMDadoda
9/24/2018 2:14:18 PM

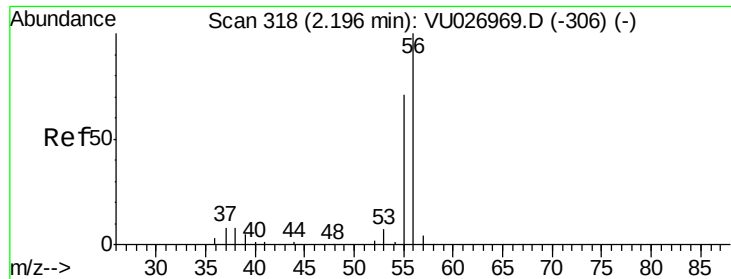


#12

1,1-Dichloroethene
Concen: 53.931 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	200.1	156.1	234.1
98	62.4	51.4	77.0





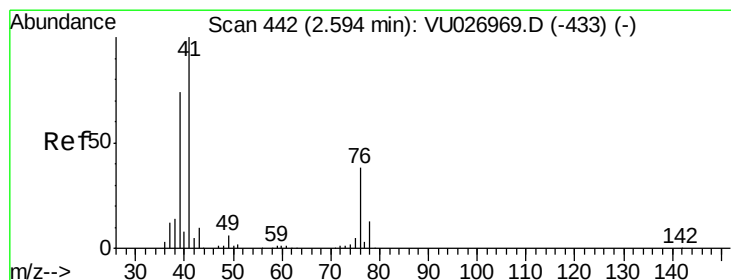
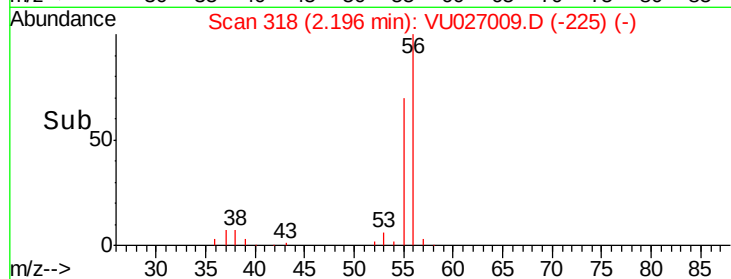
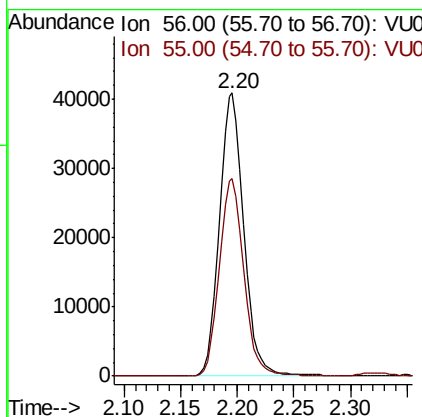
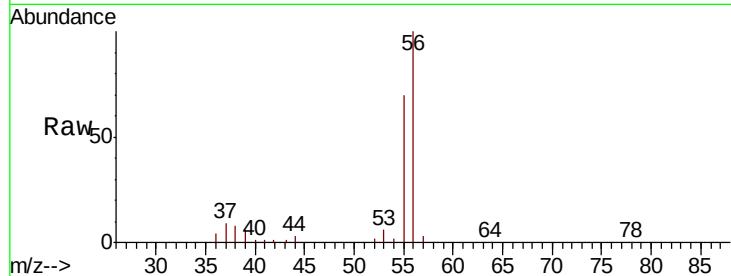
#13
Acrolein
Concen: 451.274 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	56	55	Ratio	Lower	Upper
61477	100	70.3		57.1	85.7

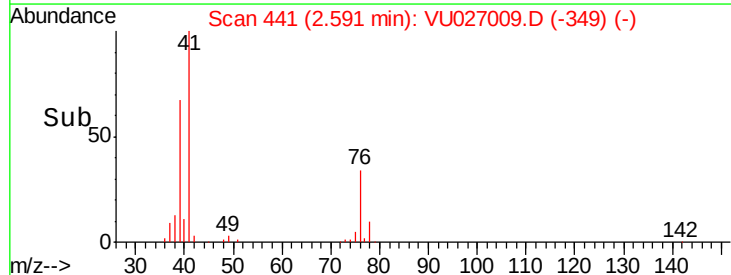
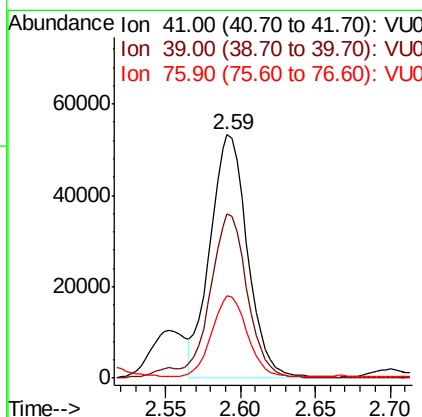
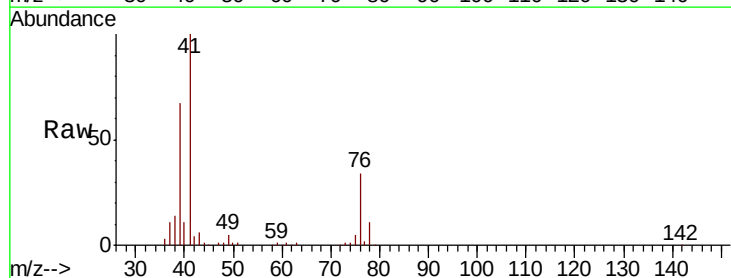
Manual Integrations
APPROVED

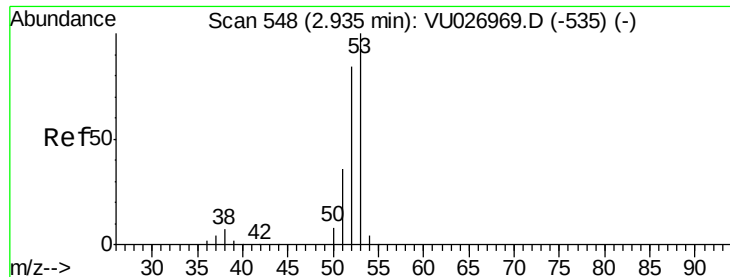
MMDadoda
9/24/2018 2:14:18 PM



#14
Allyl chloride
Concen: 59.847 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	41	39	76	Ratio	Lower	Upper
91840	100	67.0	31.5		55.7	83.5
					26.5	39.7





#15

Acrylonitrile

Concen: 378.458 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

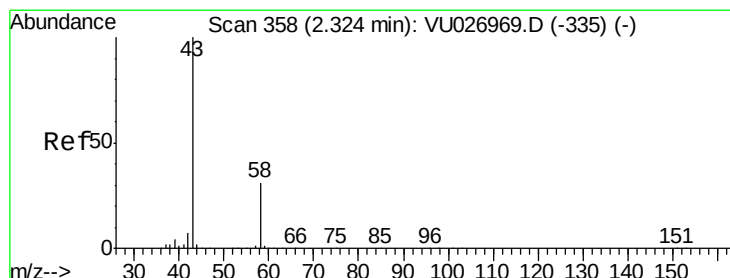
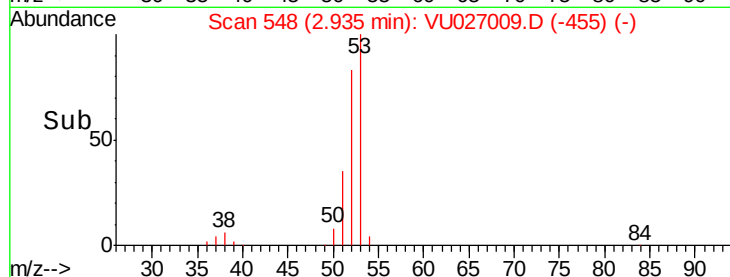
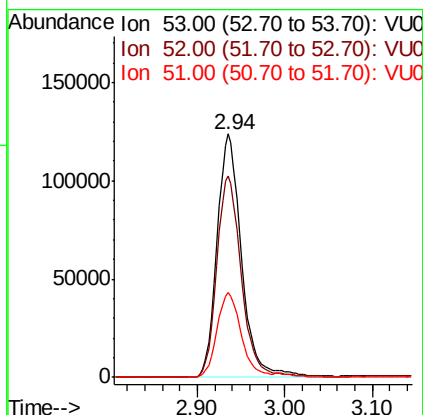
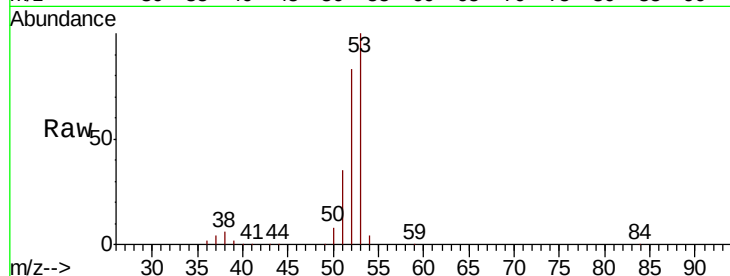
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	53	Resp:	241054
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	34.0	27.4	41.2

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:14:18 PM



#16

Acetone

Concen: 390.301 ug/l

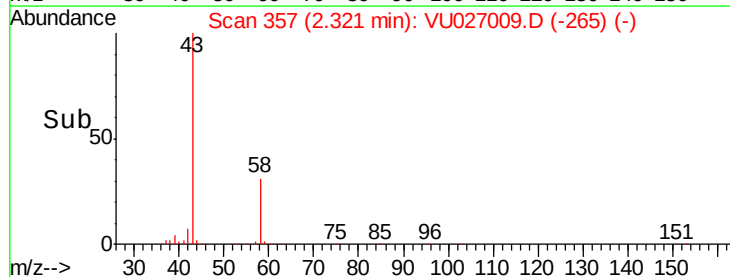
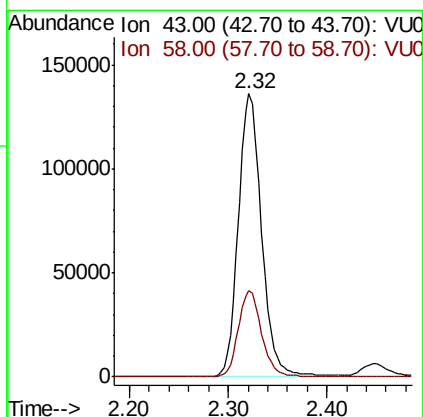
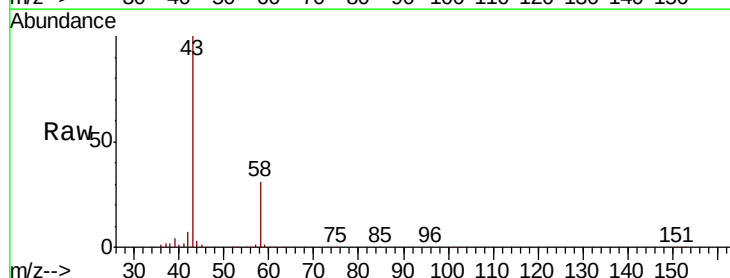
RT: 2.32 min Scan# 357

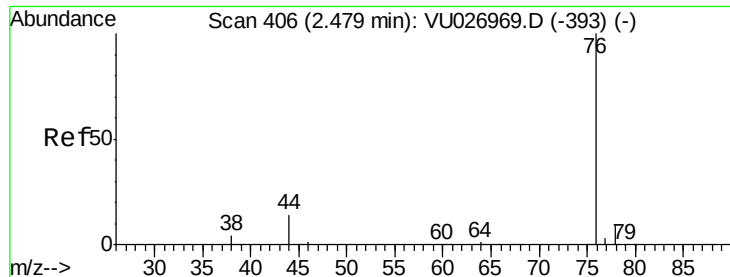
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	43	Resp:	223134
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	36.8





#17

Carbon Disulfide

Concen: 47.739 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 76 Resp: 117665

Ion Ratio Lower Upper

76 100

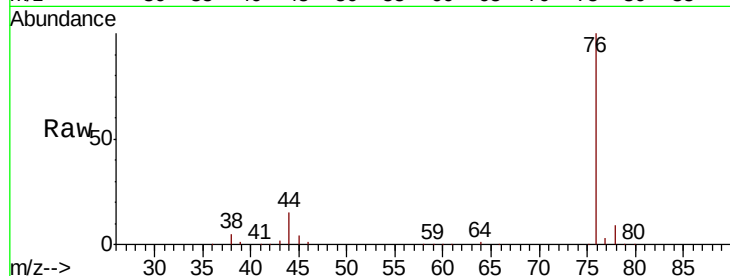
78 9.2 7.1 10.7

Manual Integrations

APPROVED

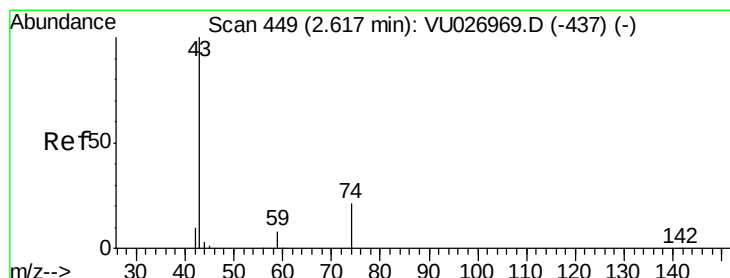
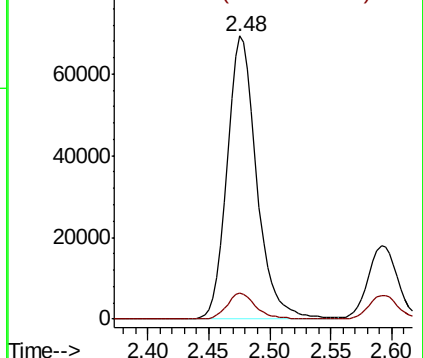
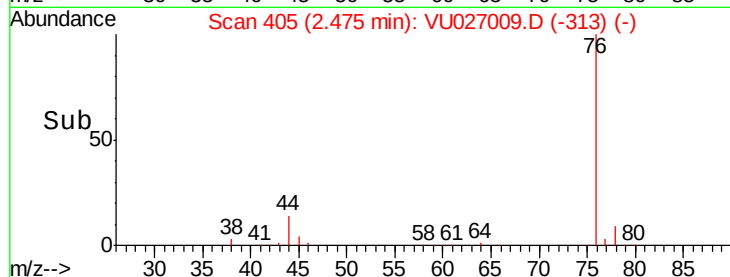
MMDadoda

9/24/2018 2:14:18 PM



Abundance Ion 75.90 (75.60 to 76.60): VU027009.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027009.D (-313) (-)



#18

Methyl Acetate

Concen: 53.163 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027009.D

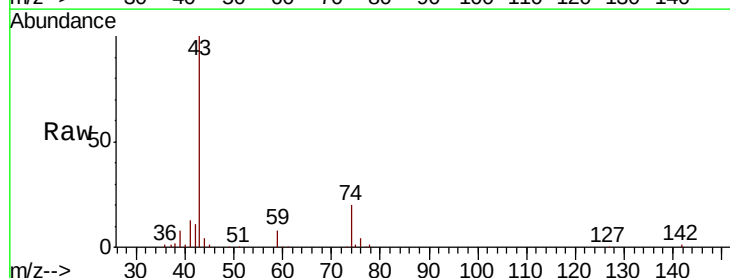
Acq: 22 Sep 2018 10:01

Tgt Ion: 43 Resp: 83429

Ion Ratio Lower Upper

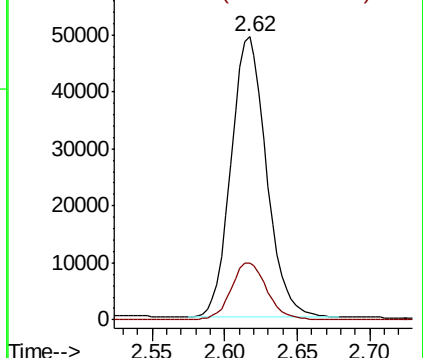
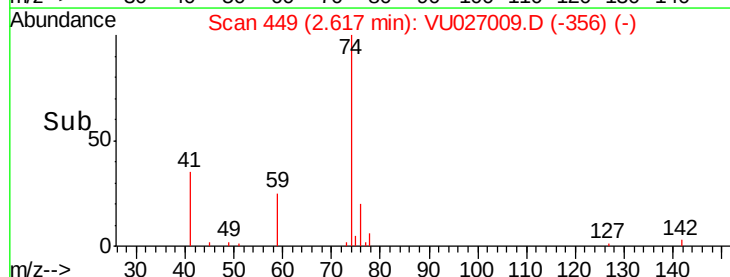
43 100

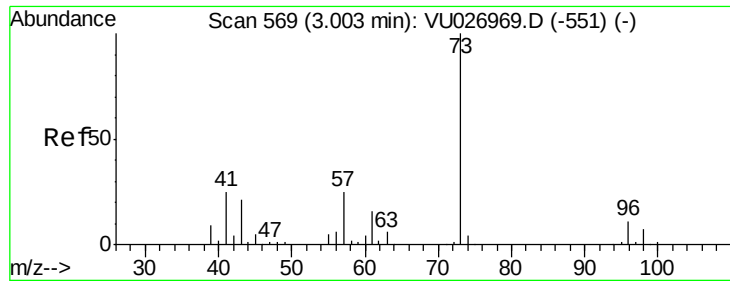
74 20.6 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027009.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027009.D (-356) (-)





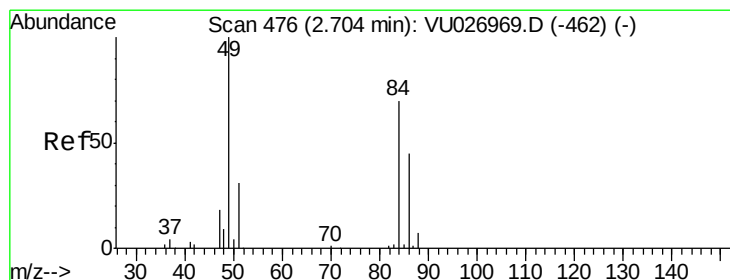
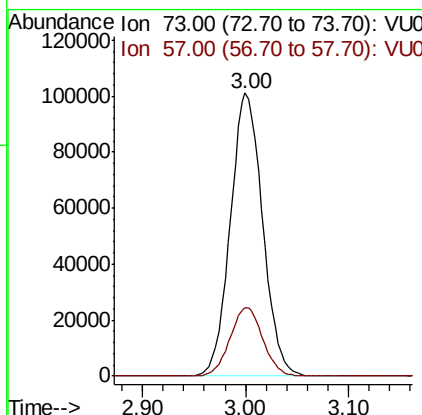
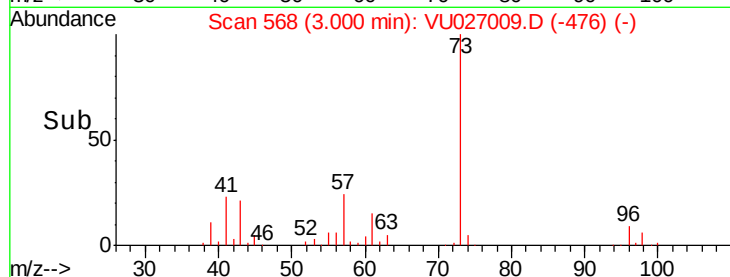
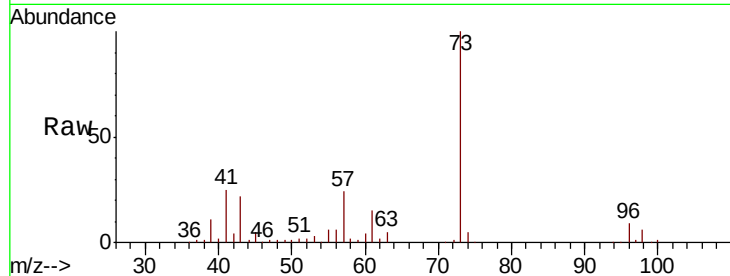
#19
Methyl tert-butyl Ether
Concen: 79.214 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.8	29.6

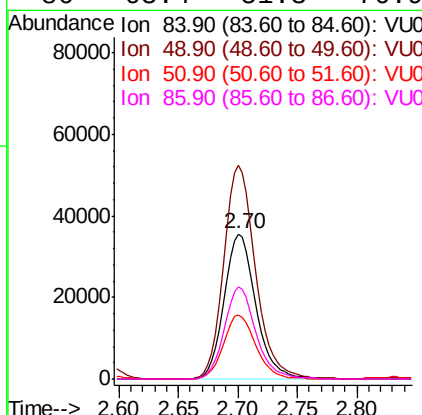
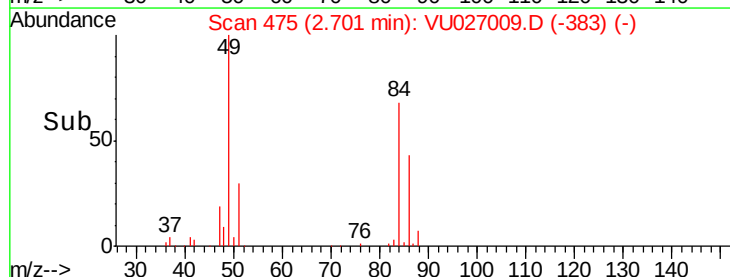
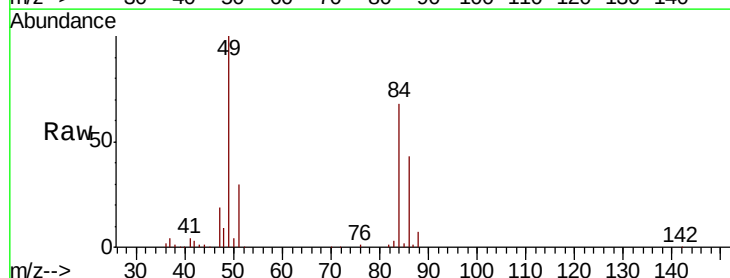
Manual Integrations
APPROVED

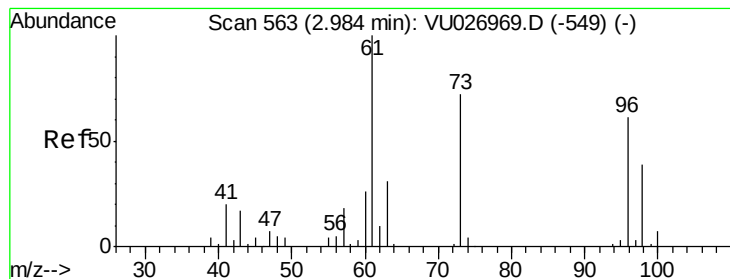
MMDadoda
9/24/2018 2:14:18 PM



#20
Methylene Chloride
Concen: 66.559 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.0	114.9	172.3
51	44.3	35.8	53.8
86	63.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 56.962 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 96 Resp: 46014

Ion Ratio Lower Upper

96 100

61 162.5 131.8 197.6

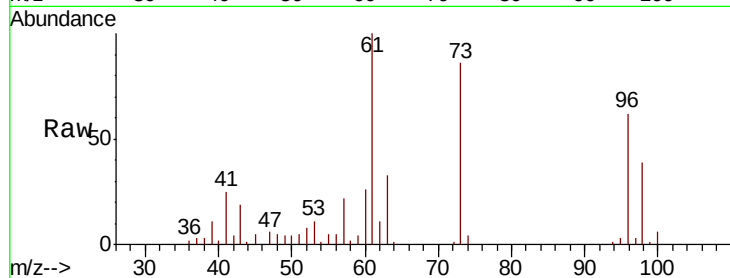
98 63.6 50.9 76.3

Manual Integrations

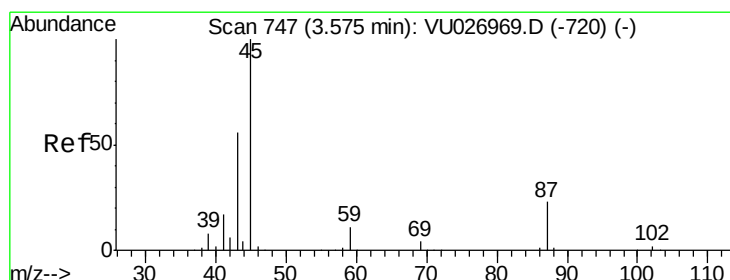
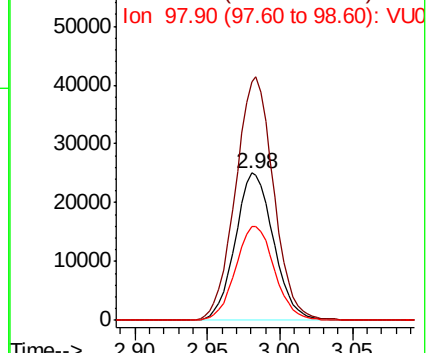
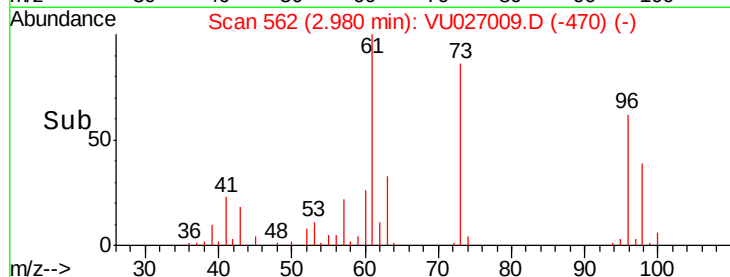
APPROVED

MMDadoda

9/24/2018 2:14:18 PM



Abundance Ion 95.90 (95.60 to 96.60): VU027009.D (-470) (-)



#22

Diisopropyl ether

Concen: 77.506 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion: 45 Resp: 254401

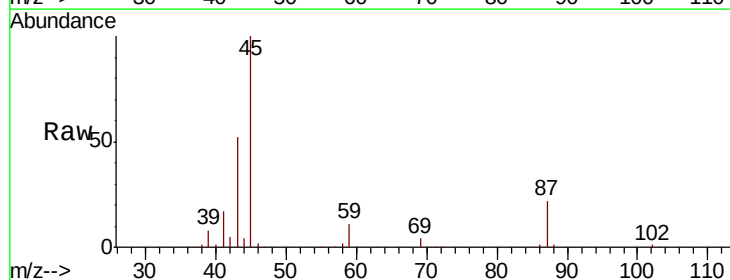
Ion Ratio Lower Upper

45 100

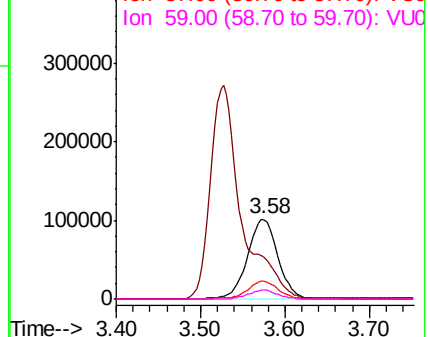
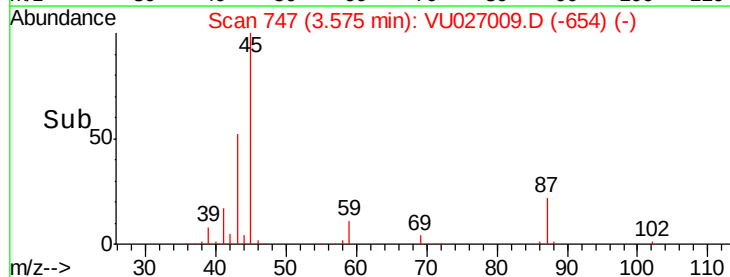
43 51.1 45.8 68.6

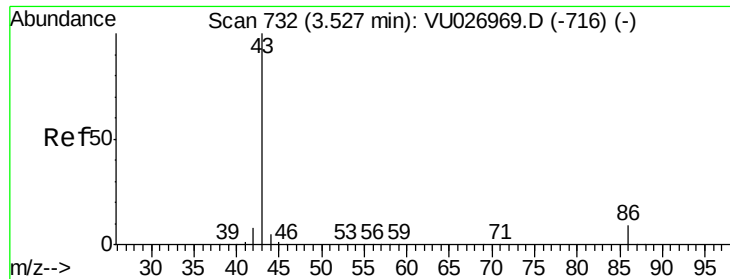
87 21.9 18.6 28.0

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027009.D (-654) (-)





#23

Vinyl Acetate

Concen: 247.346 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 692057

Ion Ratio Lower Upper

43 100

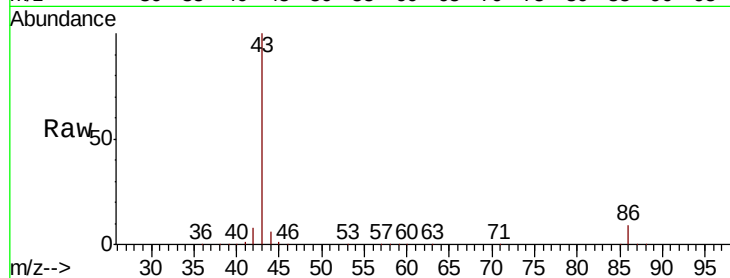
86 8.9 7.2 10.8

Manual Integrations

APPROVED

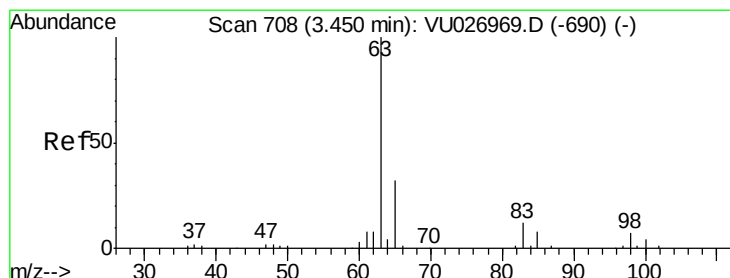
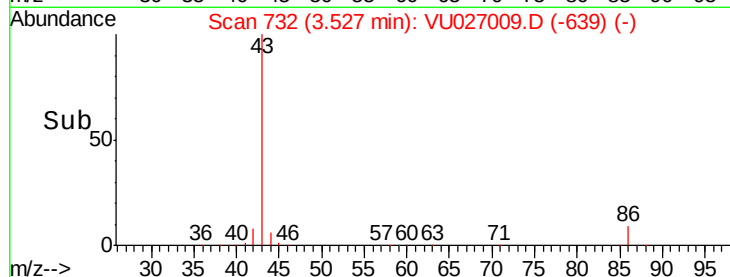
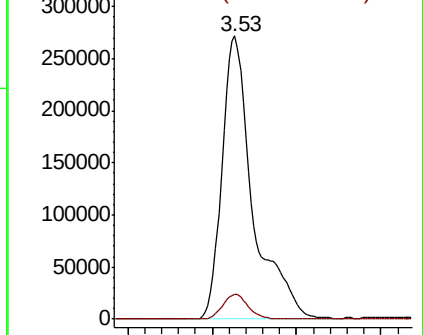
MMDadoda

9/24/2018 2:14:18 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 67.764 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

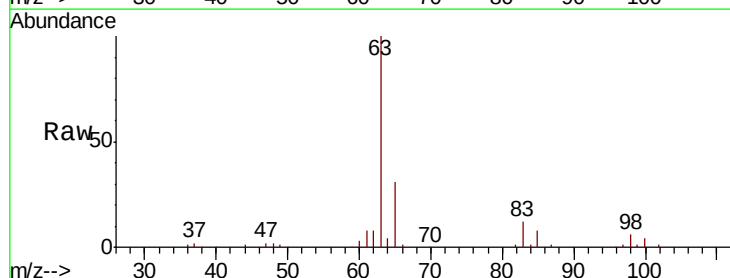
Tgt Ion: 63 Resp: 122502

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

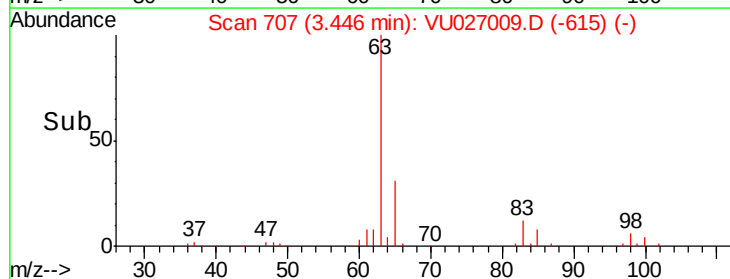
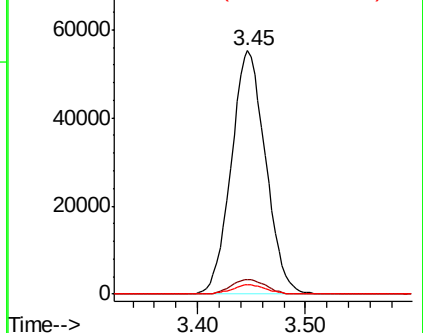
100 4.0 2.0 5.8

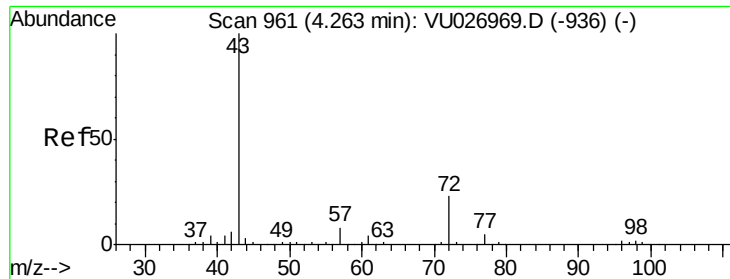


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 369.894 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 342735

Ion Ratio Lower Upper

43 100

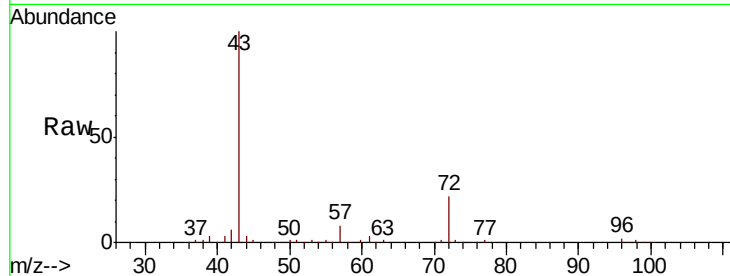
72 22.4 18.4 27.6

Manual Integrations

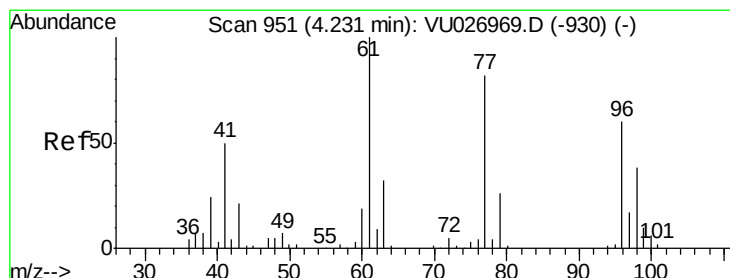
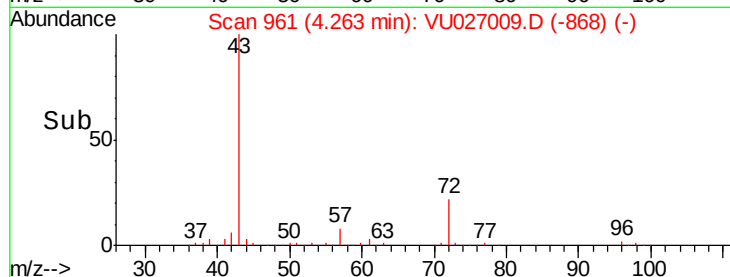
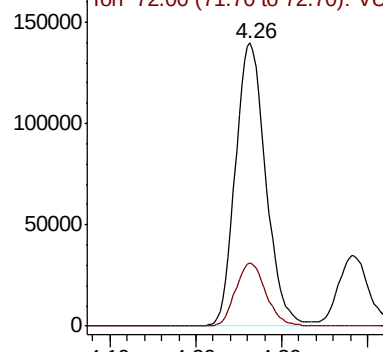
APPROVED

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Abundance Ion 43.00 (42.70 to 43.70): VU027009.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 22.943 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027009.D

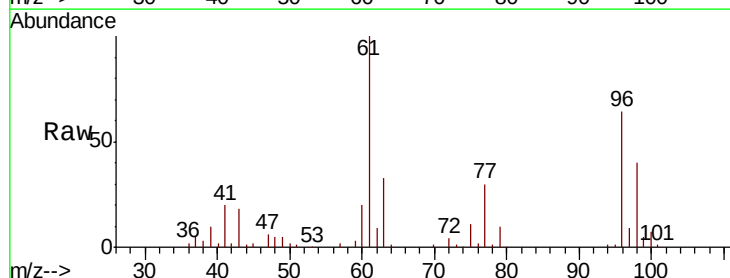
Acq: 22 Sep 2018 10:01

Tgt Ion: 77 Resp: 32346

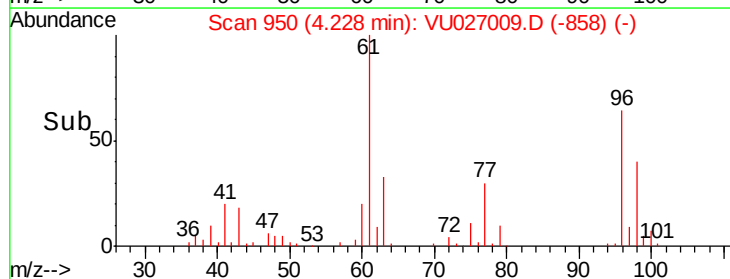
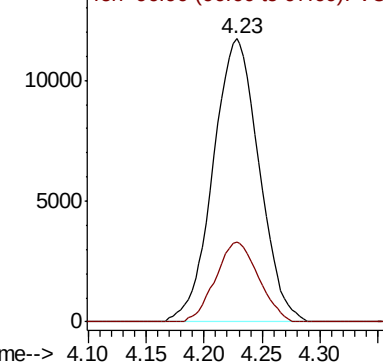
Ion Ratio Lower Upper

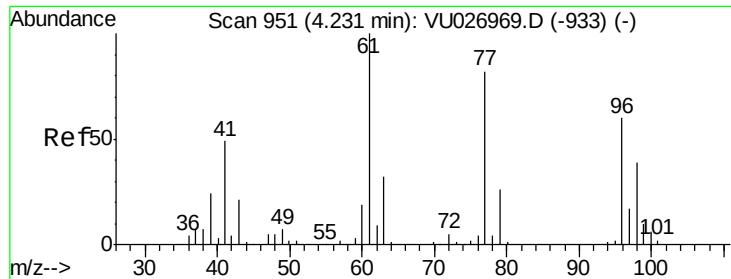
77 100

97 26.3 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027009.D (-858) (-)





#27

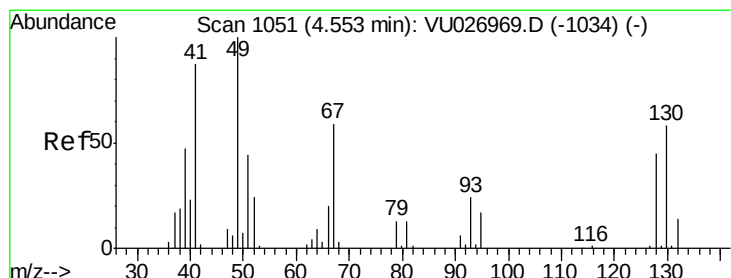
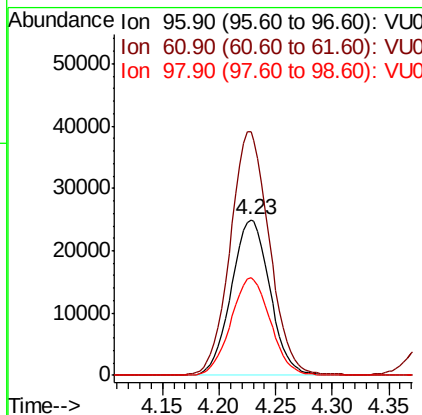
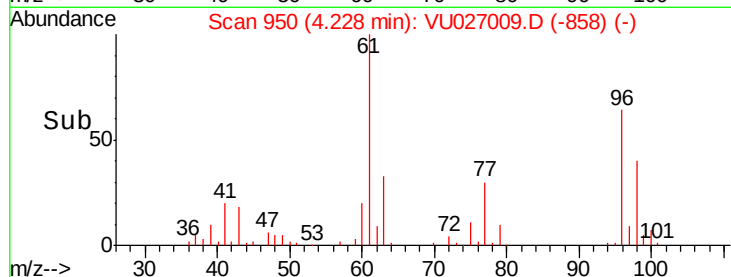
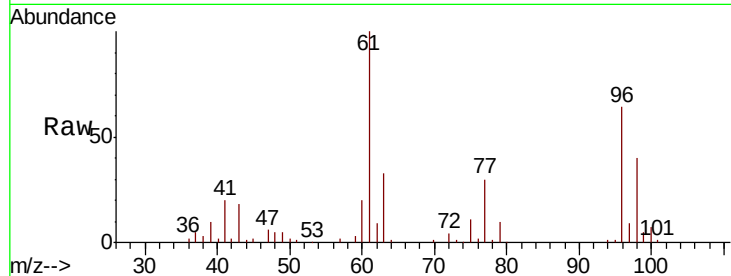
cis-1,2-Dichloroethene
 Concen: 64.906 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	337.2
98	64.3	0.0	127.6

Manual Integrations
 APPROVED

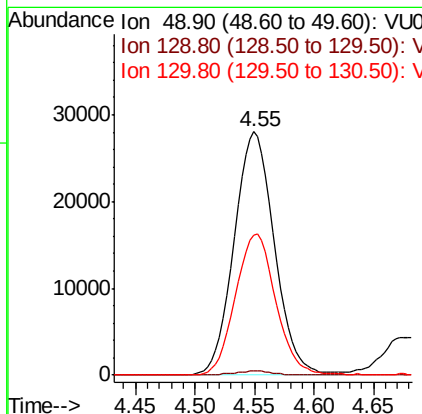
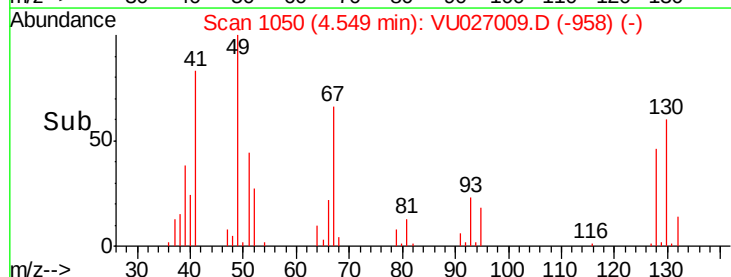
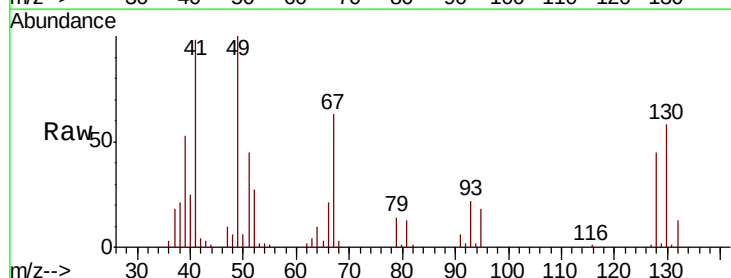
MMDadoda
 9/24/2018 2:14:18 PM

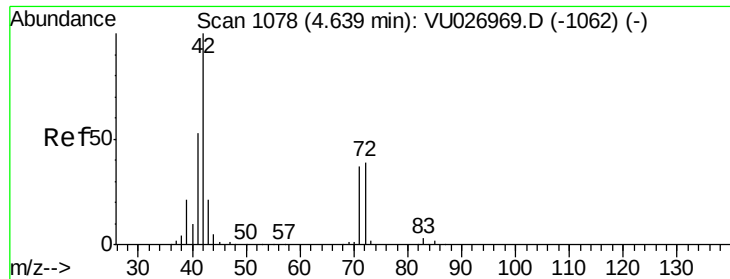


#28

Bromochloromethane
 Concen: 75.444 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	57.8	47.8	71.8





#29

Tetrahydrofuran

Concen: 397.637 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

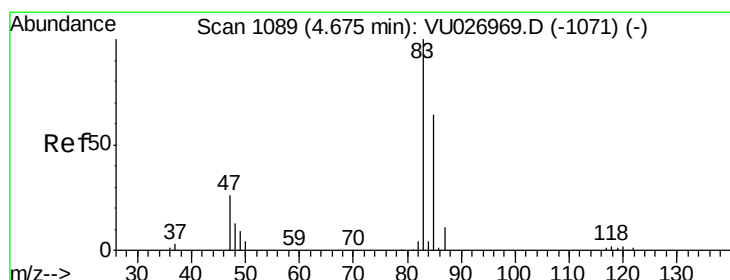
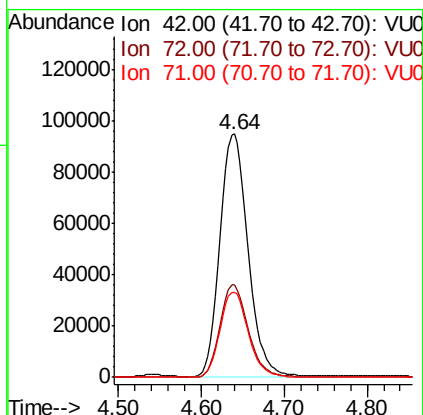
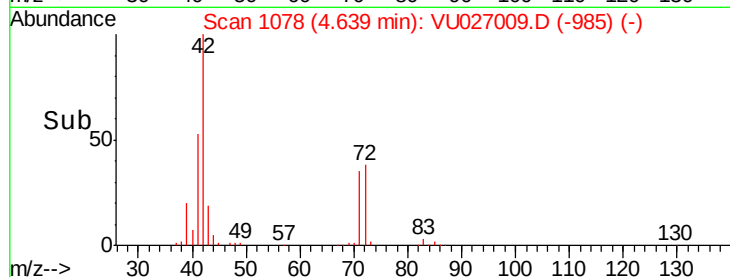
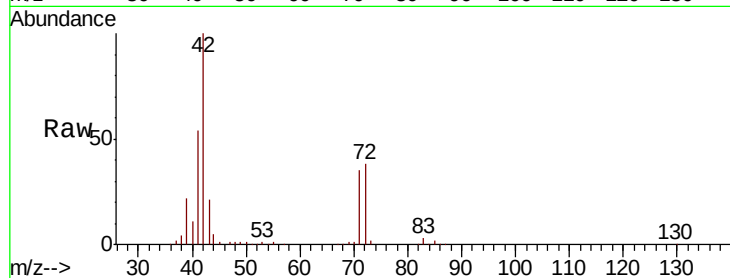
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	42	Resp:	222882
Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.7	47.5
71	35.4	29.6	44.4

Manual Integrations
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#30

Chloroform

Concen: 65.302 ug/l

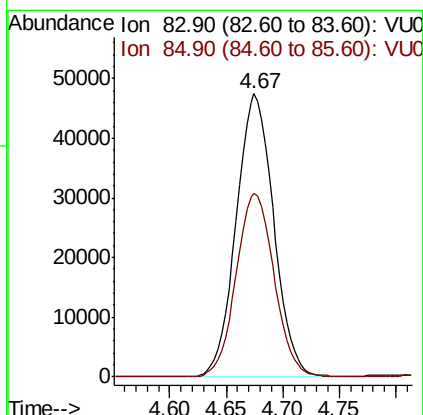
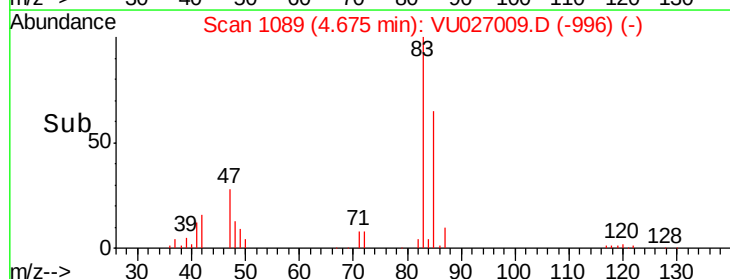
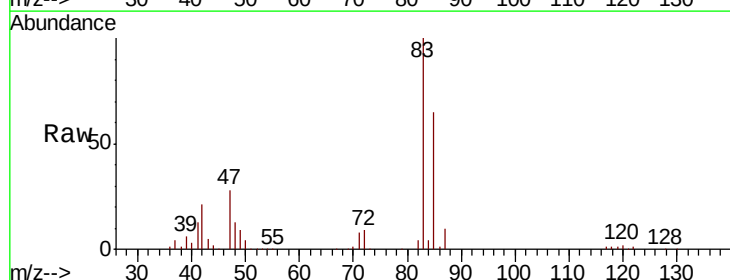
RT: 4.67 min Scan# 1089

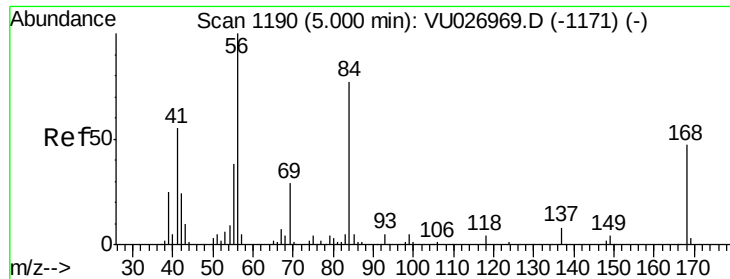
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	83	Resp:	109580
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3





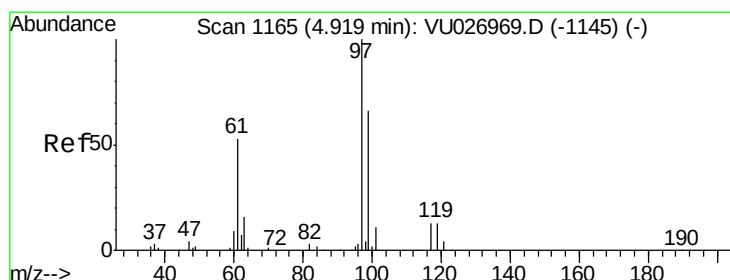
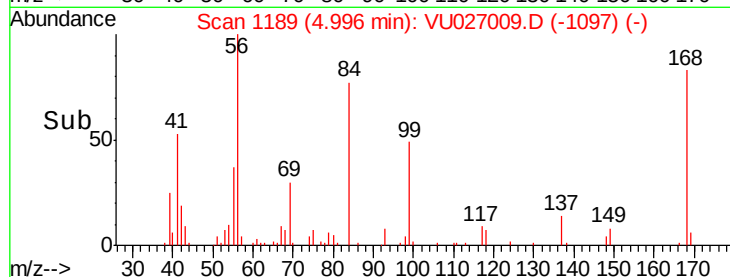
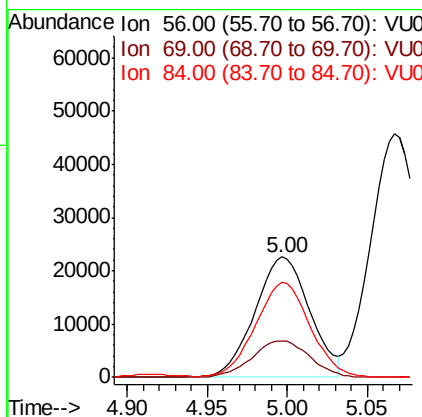
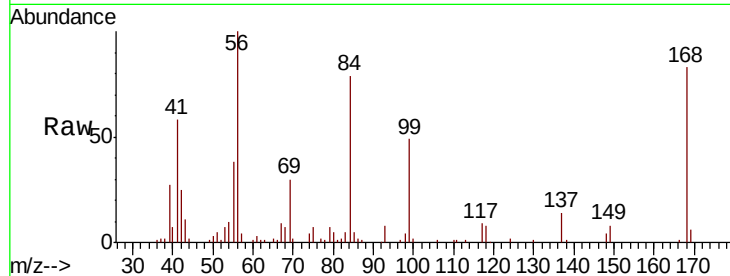
#31
Cyclohexane
Concen: 32.552 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.4
84	78.0	61.4	92.2

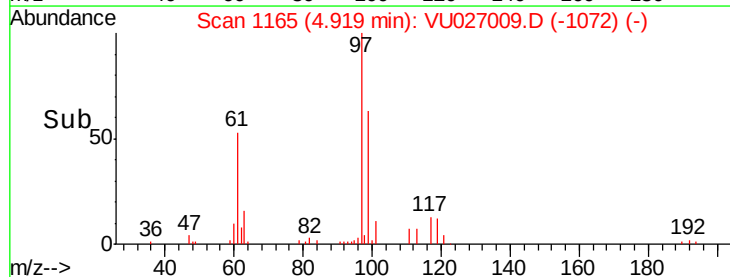
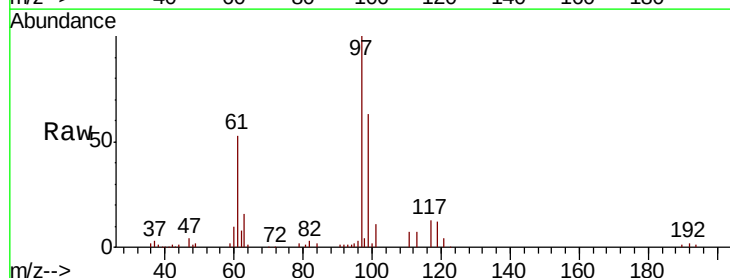
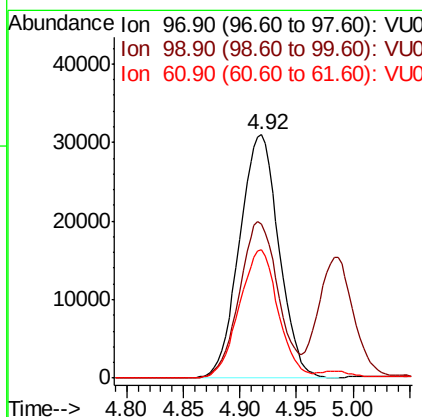
Manual Integrations
APPROVED

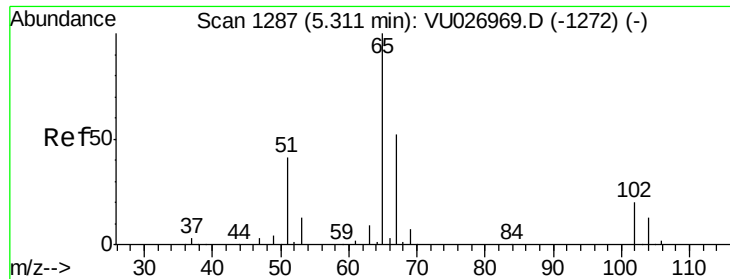
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 56.147 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	52.0	41.1	61.7





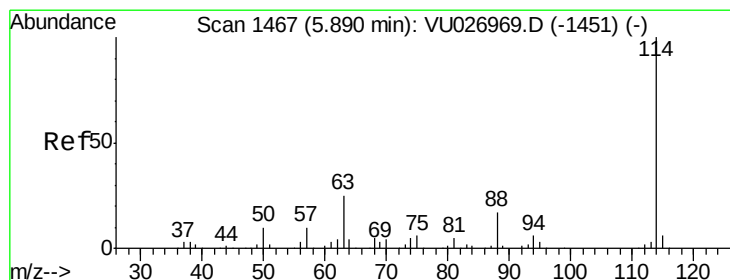
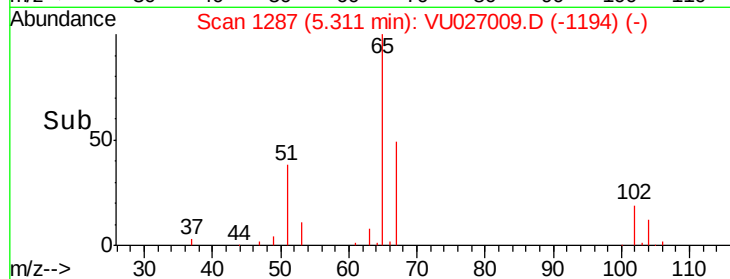
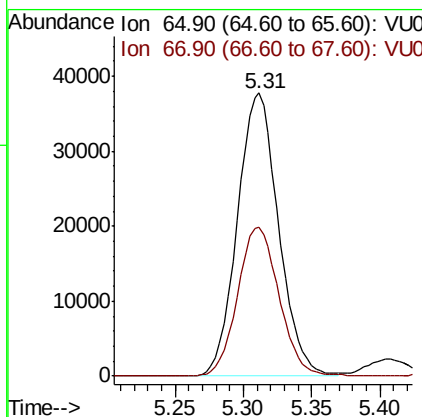
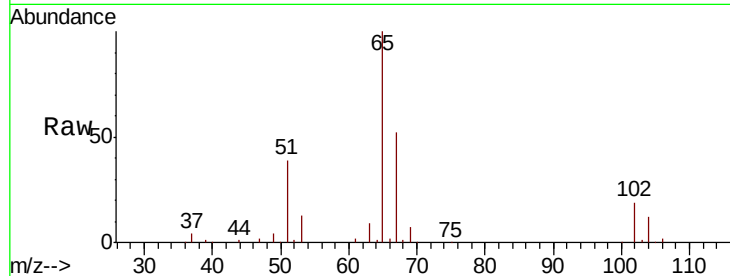
#33
 1,2-Dichloroethane-d4
 Concen: 71.781 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion: 65 Resp: 79143
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6

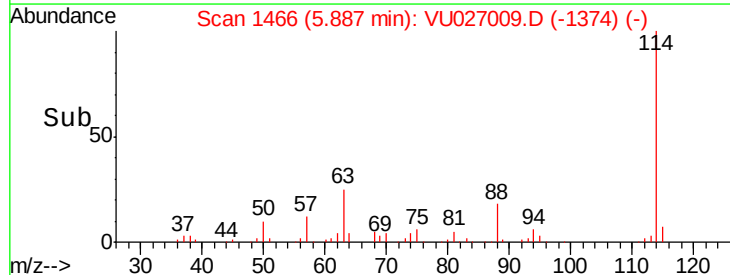
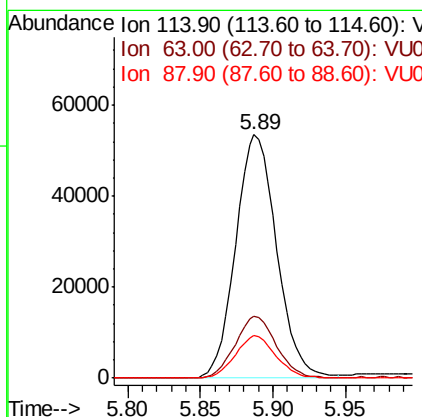
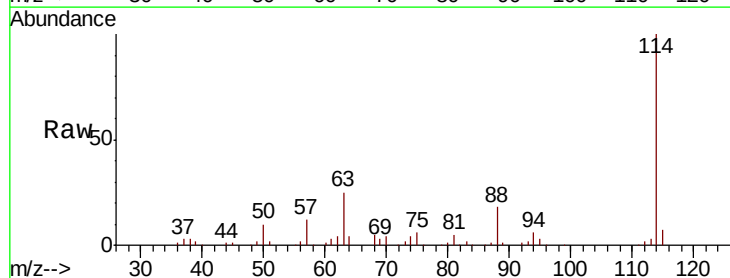
Manual Integrations
 APPROVED

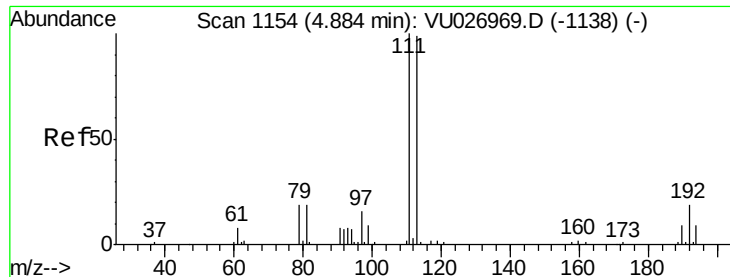
MMDadoda
 9/24/2018 2:14:18 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 114 Resp: 105179
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.6 0.0 33.8





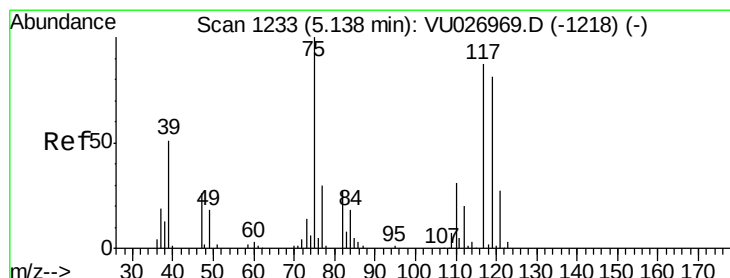
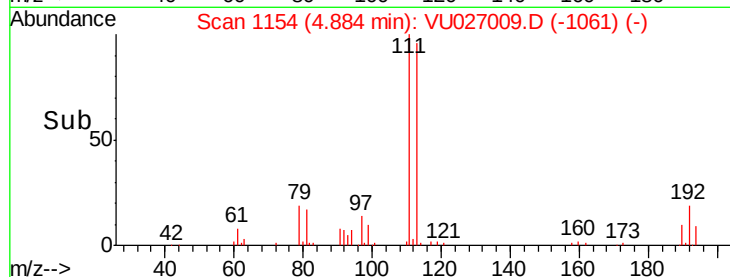
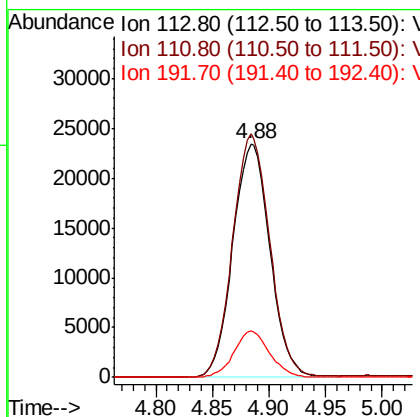
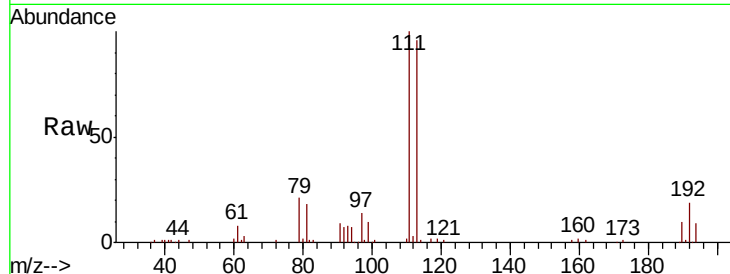
#35
 Dibromofluoromethane
 Concen: 58.896 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	53695		
111	103.9	82.2	123.4	
192	18.9	15.2	22.8	

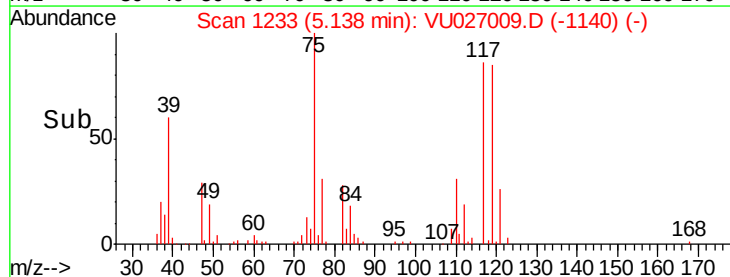
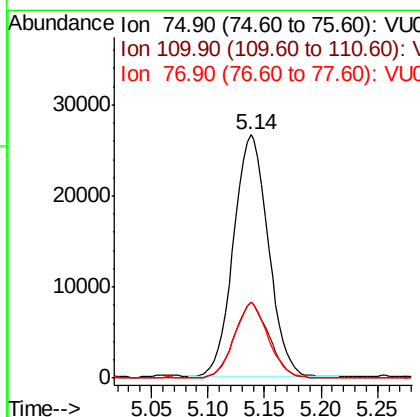
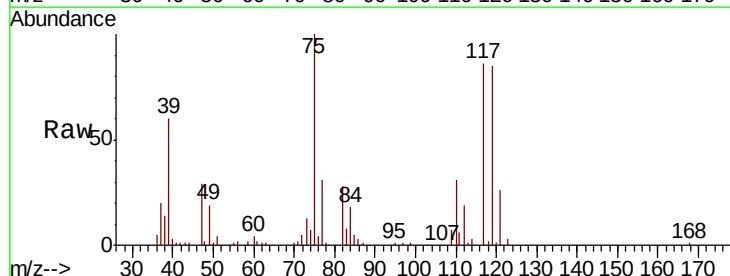
Manual Integrations
 APPROVED

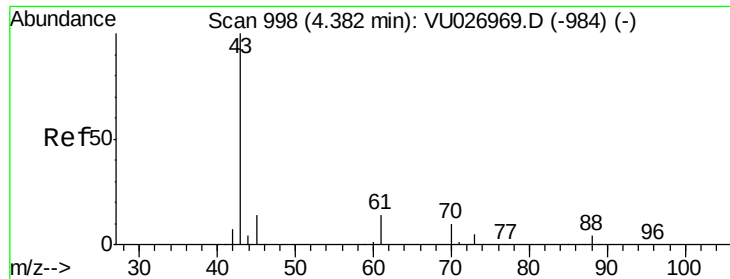
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 9/24/2018 2:14:18 PM



#36
 1,1-Dichloropropene
 Concen: 40.530 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56893		
110	30.9	16.1	48.2	
77	30.5	24.6	36.8	





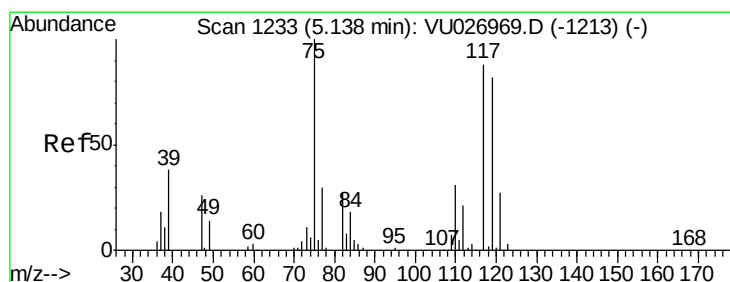
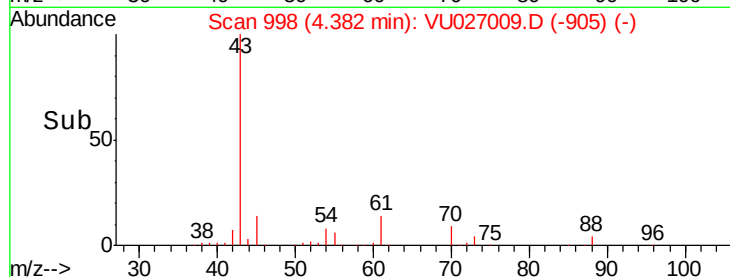
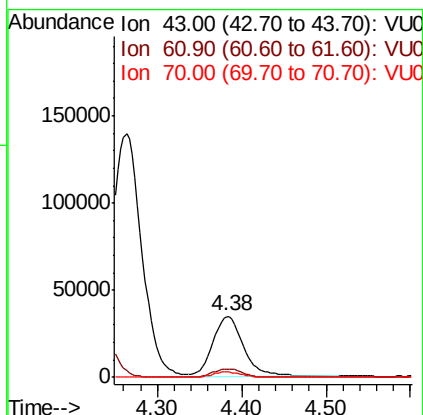
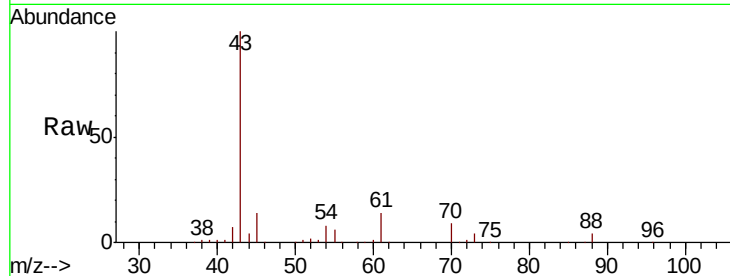
#37
Ethyl Acetate
Concen: 46.563 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	8.3	7.4	11.0

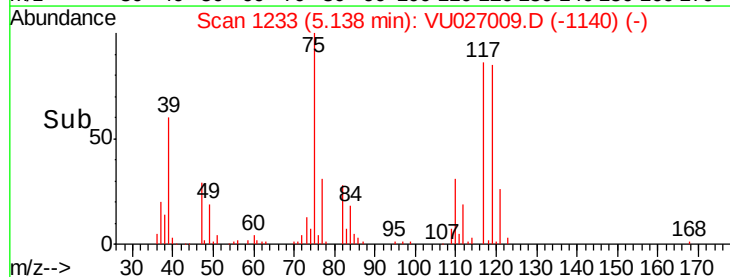
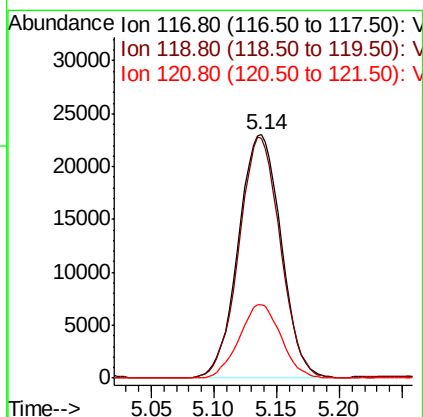
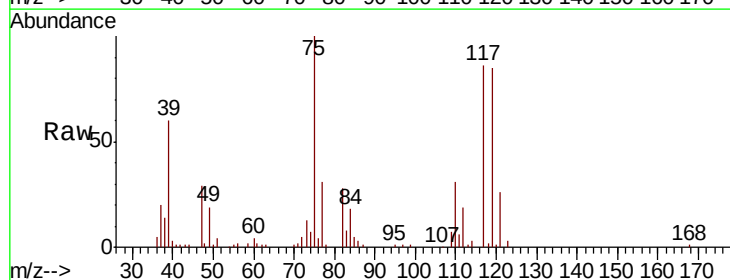
Manual Integrations
APPROVED

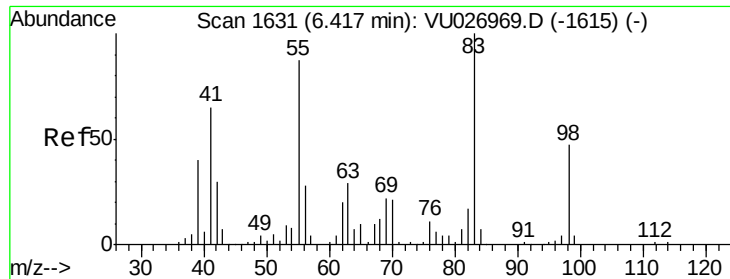
MMDadoda
9/24/2018 2:14:18 PM



#38
Carbon Tetrachloride
Concen: 40.777 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	74.4	111.6
121	30.3	24.2	36.4





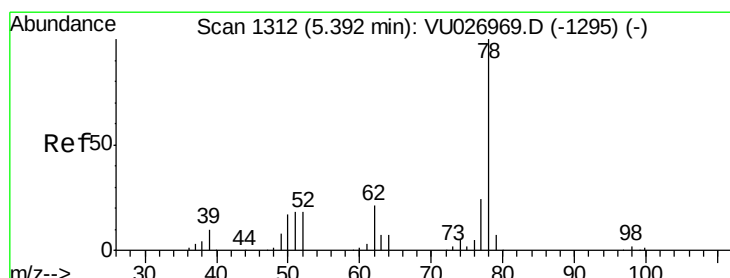
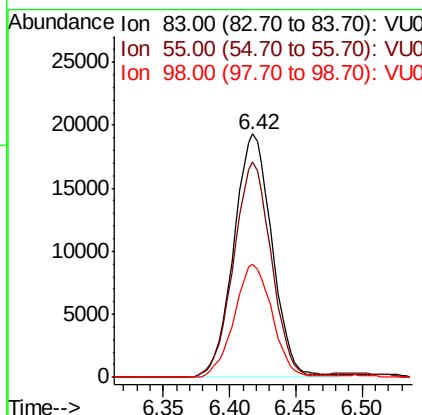
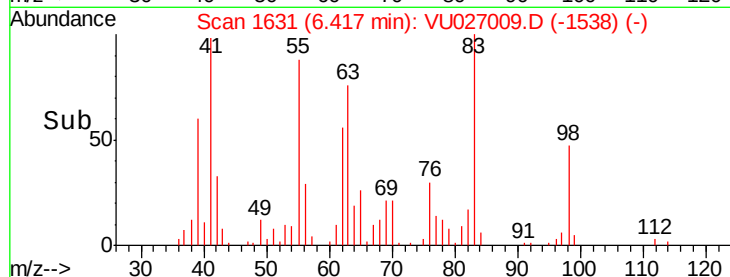
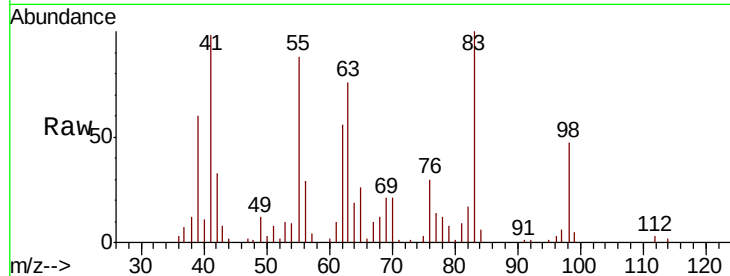
#39
Methylvlcyclohexane
Concen: 25.372 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	83.00	Resp	38704
Ion	Ratio	Lower	Upper
83	100		
55	88.2	69.9	104.9
98	46.6	37.5	56.3

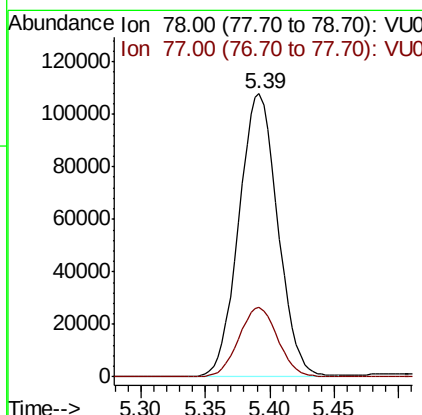
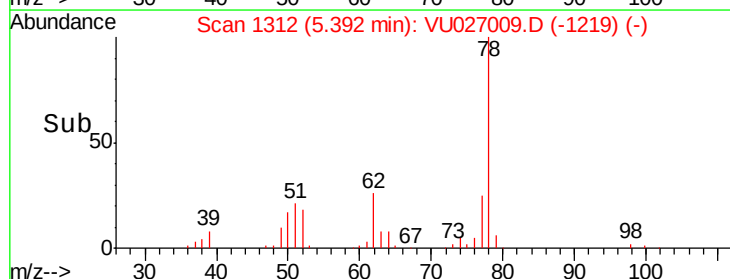
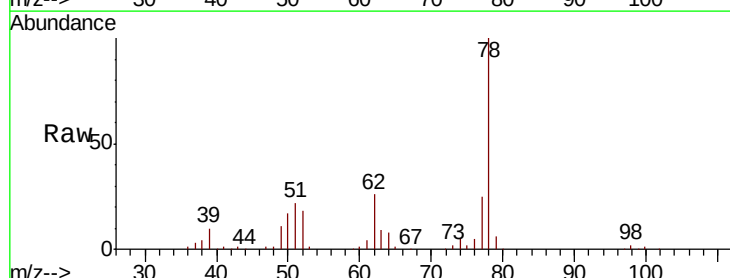
Manual Integrations
APPROVED

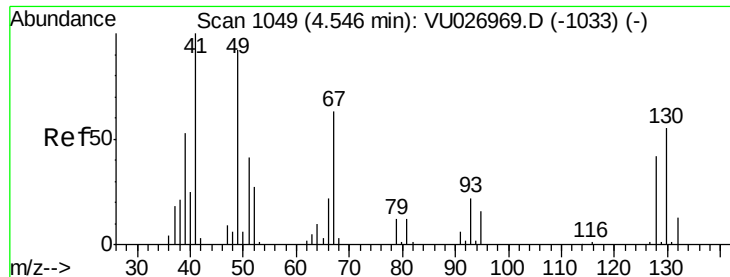
MMDadoda
9/24/2018 2:14:18 PM



#40
Benzene
Concen: 53.194 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	78.00	Resp	226997
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





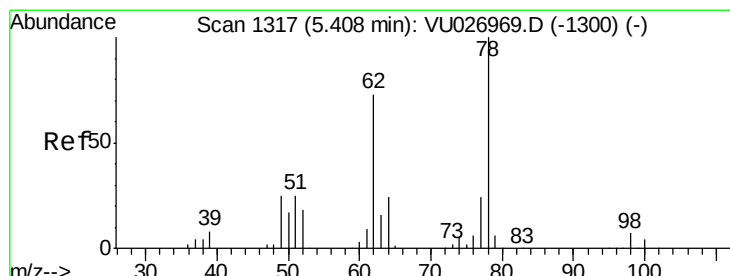
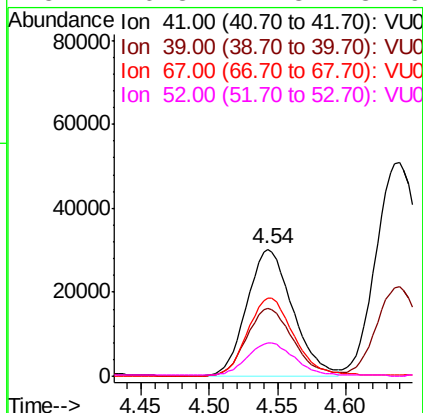
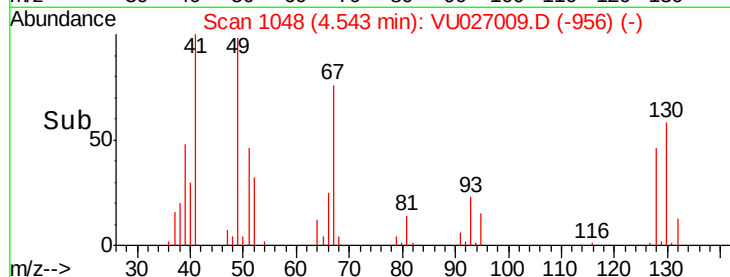
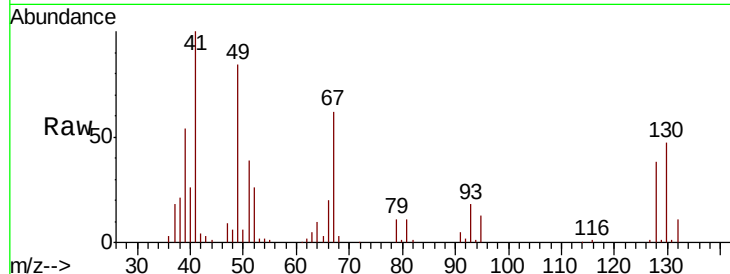
#41
Methacrylonitrile
Concen: 71.757 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.9	64.3
67	62.6	52.4	78.6
52	26.3	21.3	31.9

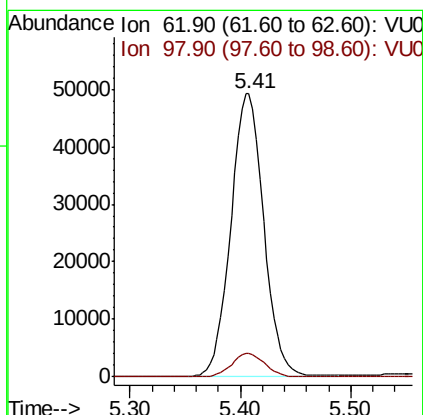
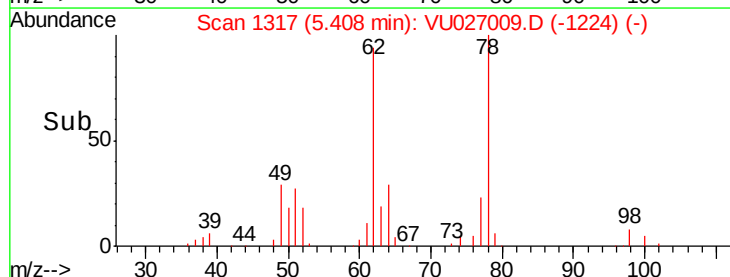
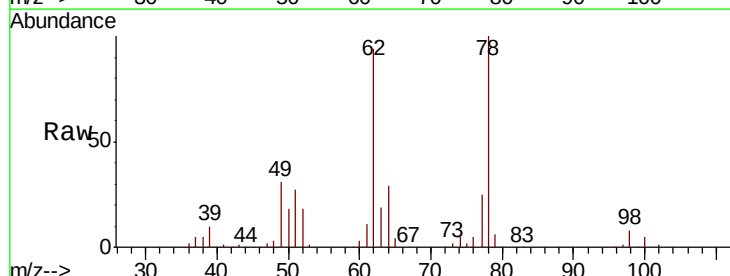
Manual Integrations
APPROVED

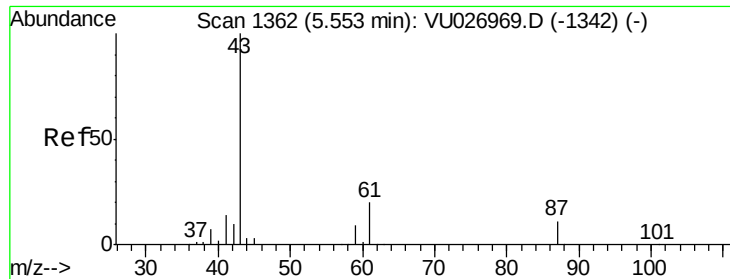
MMDadoda
9/24/2018 2:14:18 PM



#42
1,2-Dichloroethane
Concen: 63.354 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 54.420 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

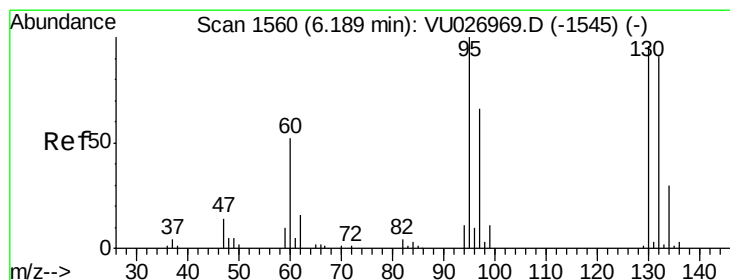
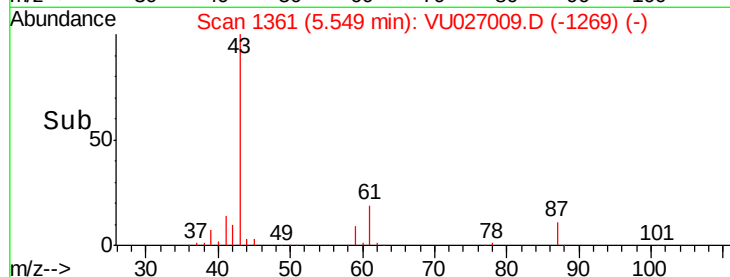
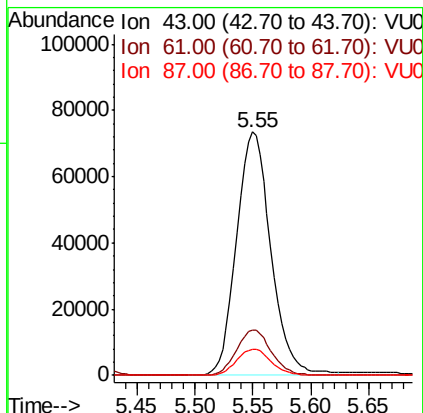
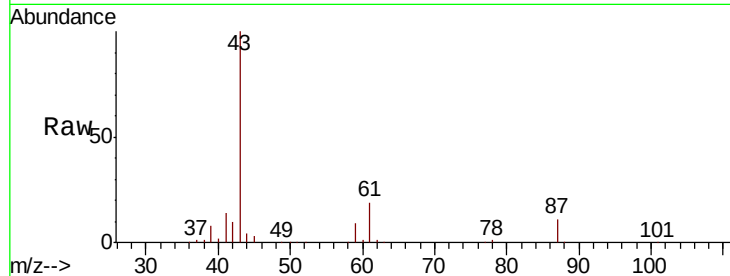
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	43	Resp:	150815
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.7	23.5
87	10.9	9.0	13.4

Manual Integrations
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MMDadoda
9/24/2018 2:14:18 PM



#44

Trichloroethene

Concen: 45.396 ug/l

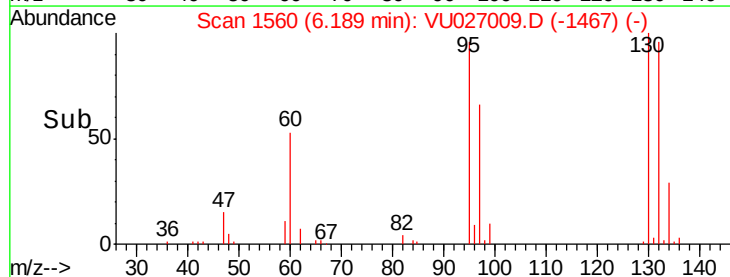
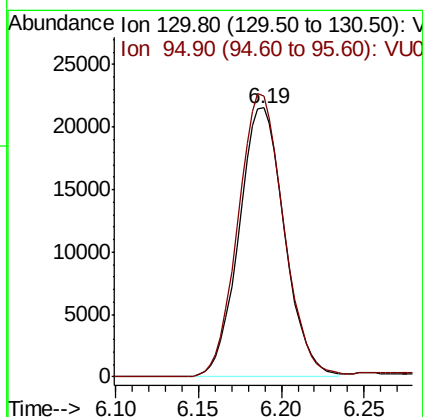
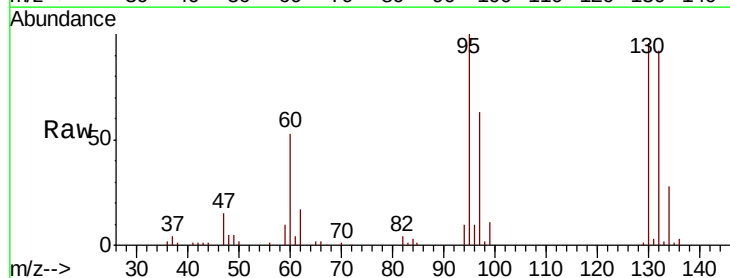
RT: 6.19 min Scan# 1560

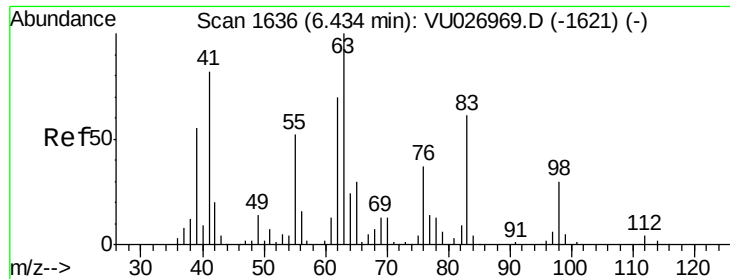
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	130	Resp:	41241
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	208.8





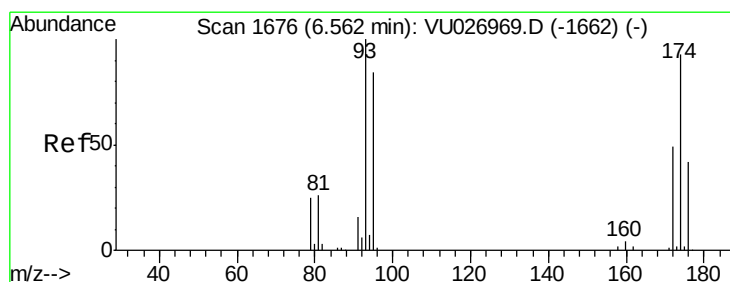
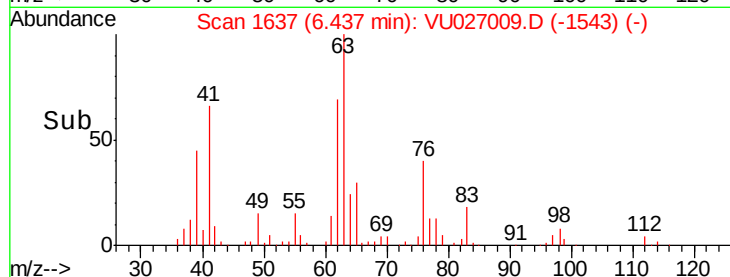
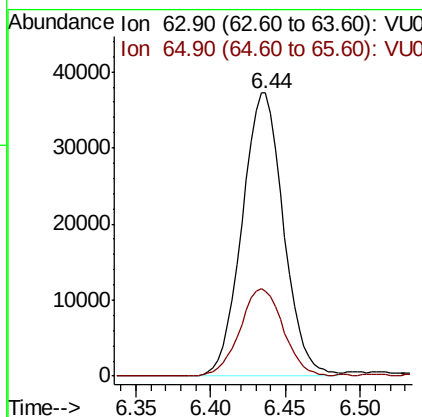
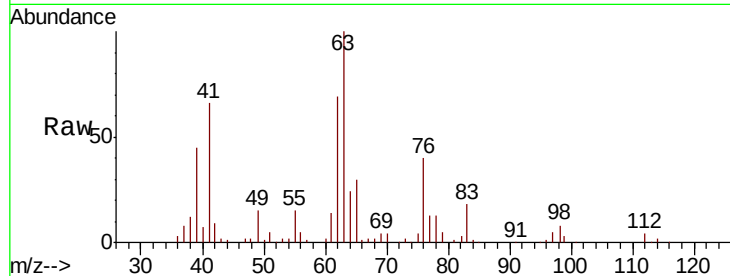
#45
 1,2-Dichloropropane
 Concen: 58.967 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion: 63 Resp: 71698
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5

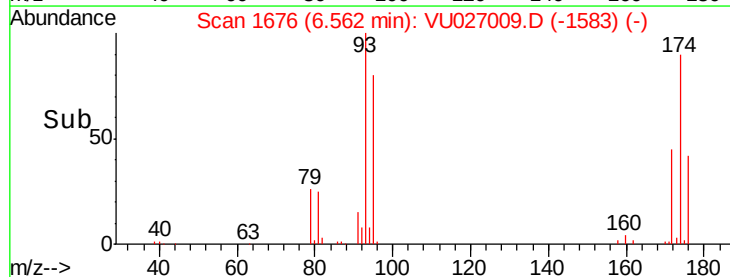
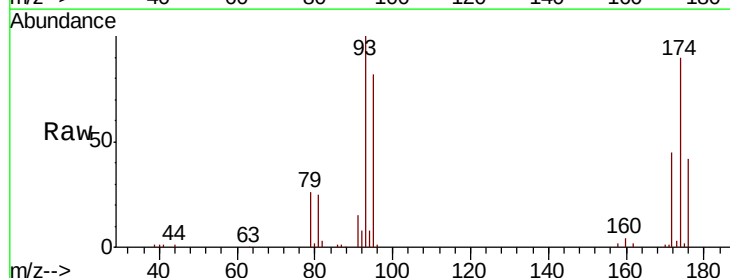
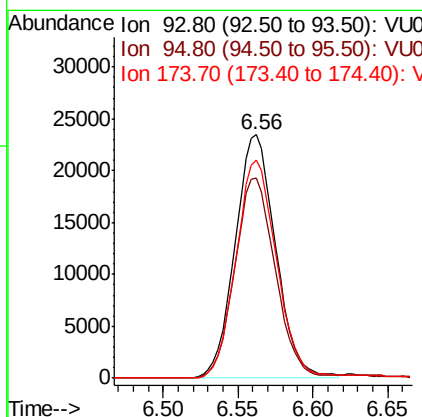
Manual Integrations
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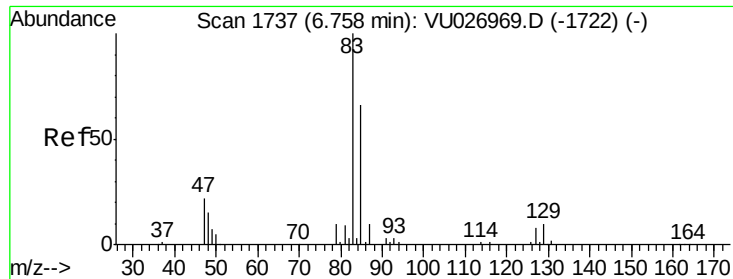
MMDadoda
 9/24/2018 2:14:18 PM



#46
 Dibromomethane
 Concen: 60.297 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 93 Resp: 44279
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 89.7 71.7 107.5





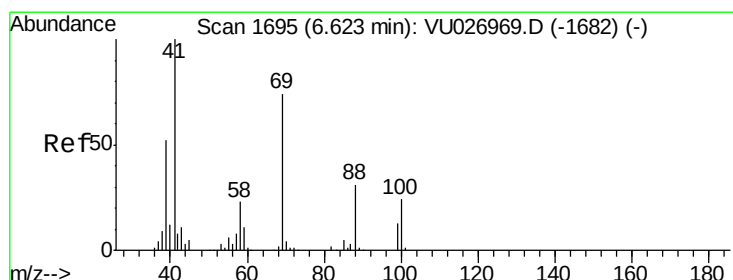
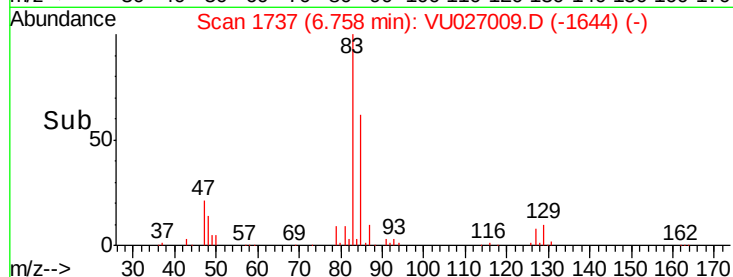
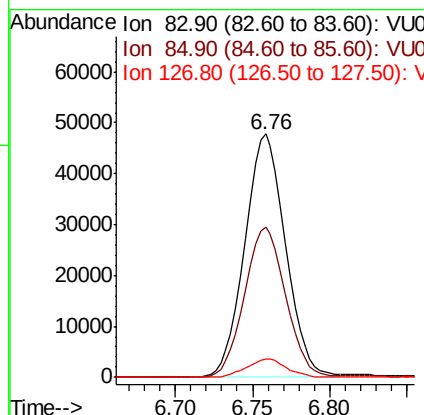
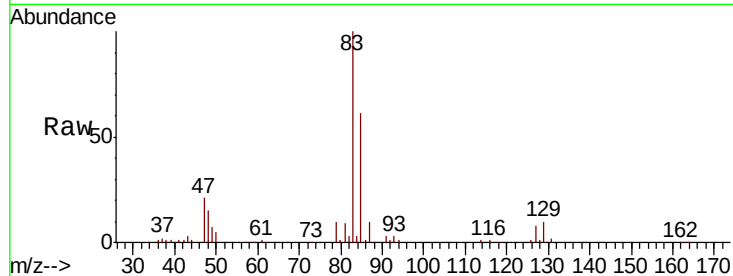
#47
 Bromodichloromethane
 Concen: 59.142 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	83	Resp	87819
Ion Ratio	100	Lower	Upper
83	100		
85	61.5	52.5	78.7
127	7.6	6.3	9.5

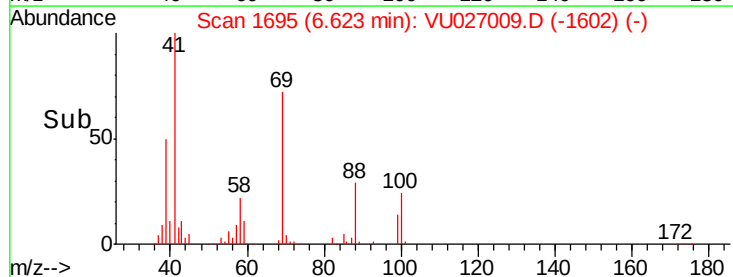
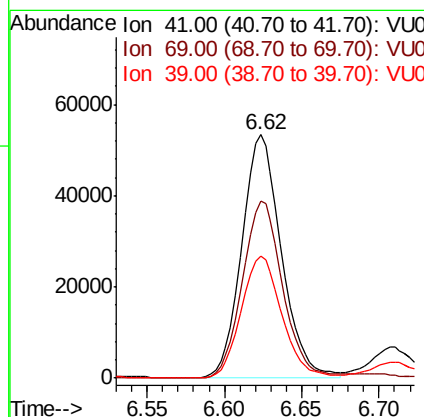
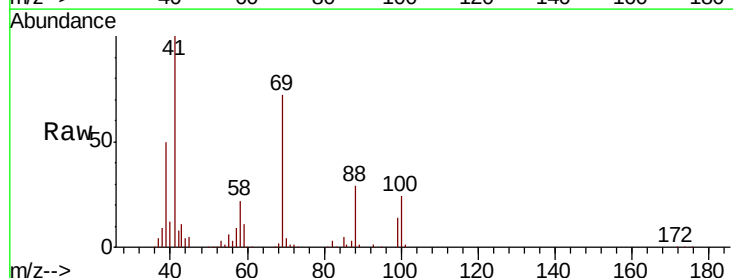
Manual Integrations
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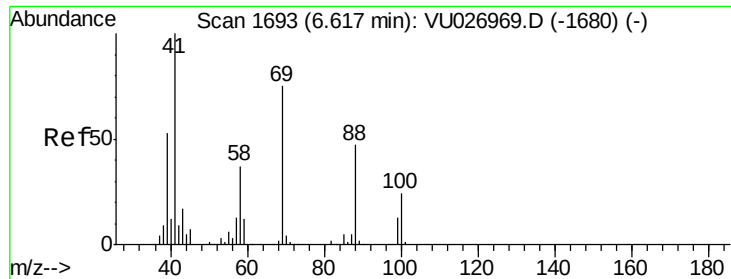
MMDadoda
 9/24/2018 2:14:18 PM



#48
 Methyl methacrylate
 Concen: 62.512 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	41	Resp	94681
Ion Ratio	100	Lower	Upper
41	100		
69	75.1	60.6	90.8
39	52.0	42.8	64.2





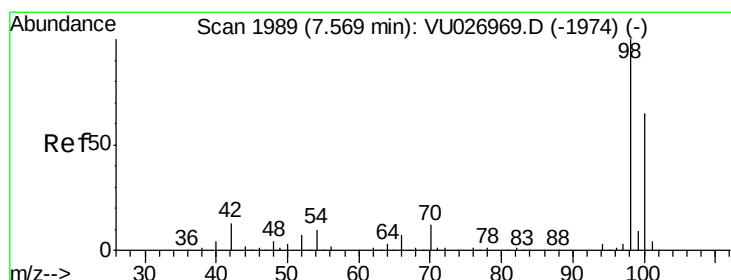
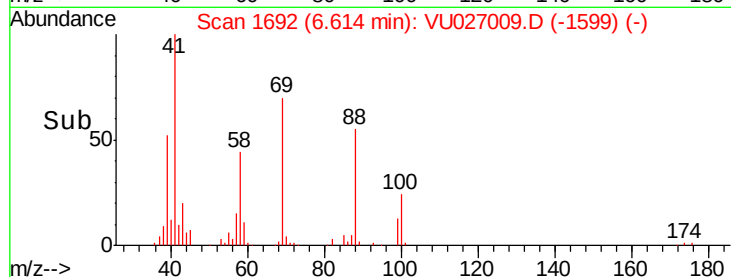
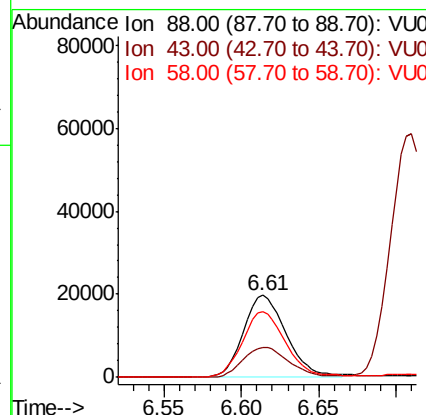
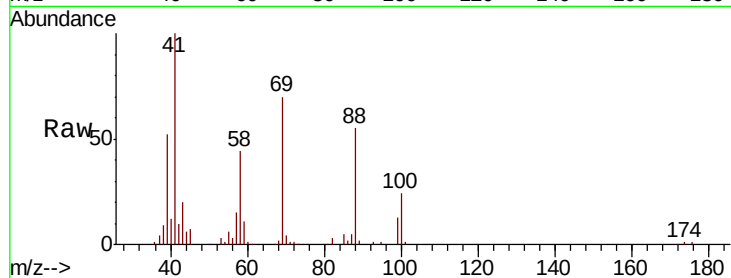
#49
1,4-Dioxane
Concen: 1259.301 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	29.8	44.8
58	82.0	63.9	95.9

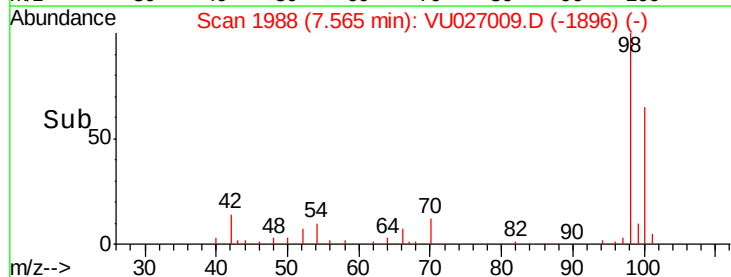
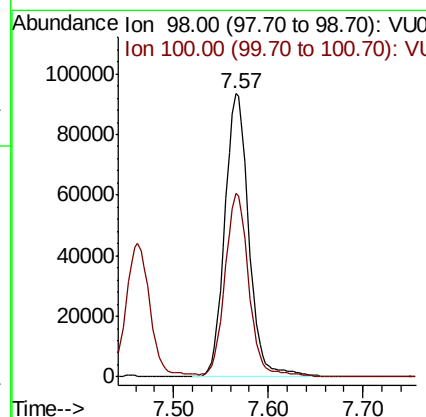
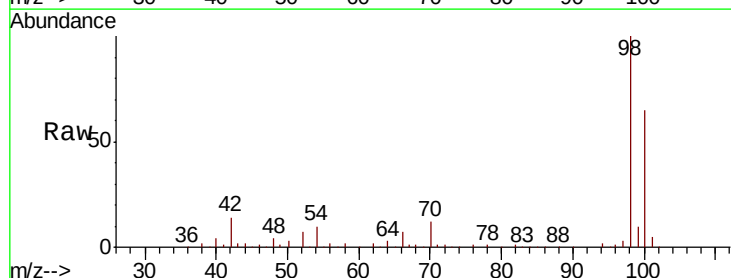
Manual Integrations
APPROVED

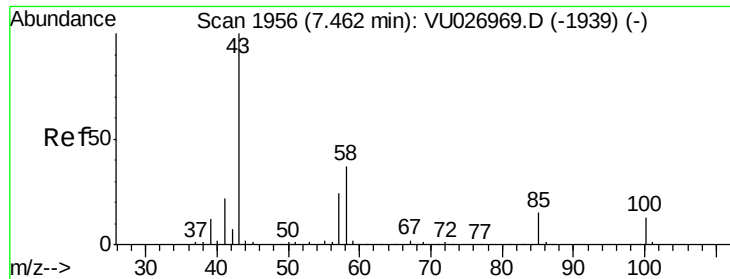
MMDadoda
9/24/2018 2:14:18 PM



#50
Toluene-d8
Concen: 47.708 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 351.468 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 43 Resp: 655097

Ion Ratio Lower Upper

43 100

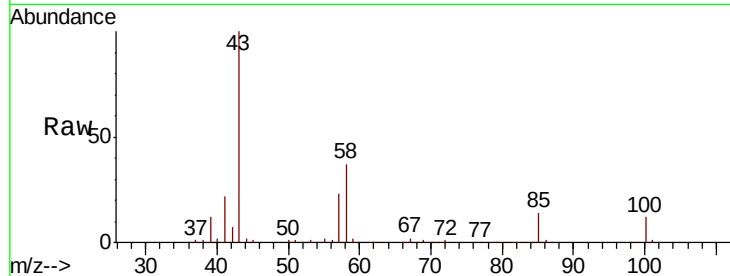
58 36.7 29.8 44.6

Manual Integrations

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MMDadoda

9/24/2018 2:14:18 PM



Abundance Ion 43.00 (42.70 to 43.70): VU027009.D (-1863) (-)

Ion 58.00 (57.70 to 58.70): VU027009.D (-1863) (-)

7.46

400000

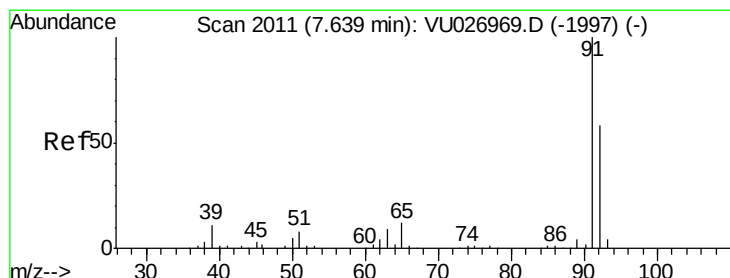
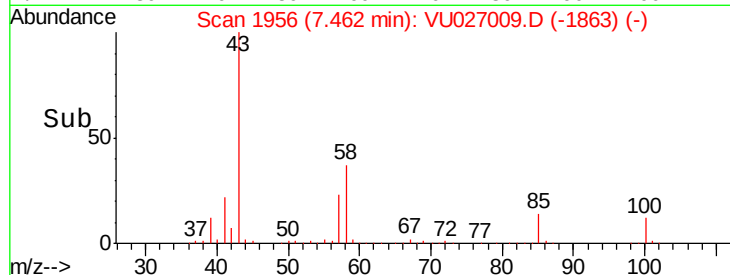
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.093 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027009.D

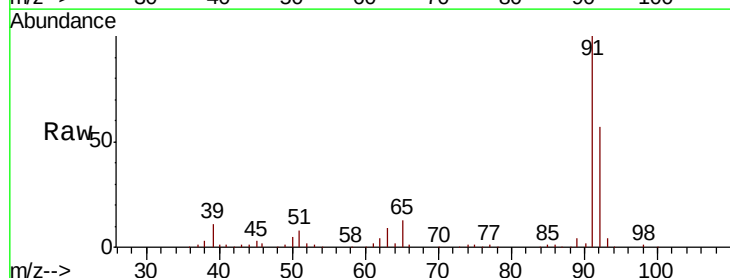
Acq: 22 Sep 2018 10:01

Tgt Ion: 92 Resp: 120084

Ion Ratio Lower Upper

92 100

91 173.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU027009.D (-1918) (-)

Ion 91.00 (90.70 to 91.70): VU027009.D (-1918) (-)

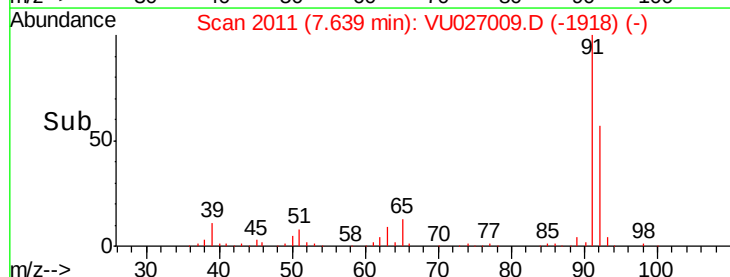
7.64

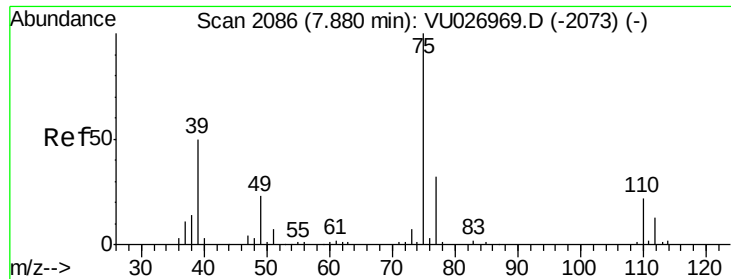
100000

50000

0

Time-->





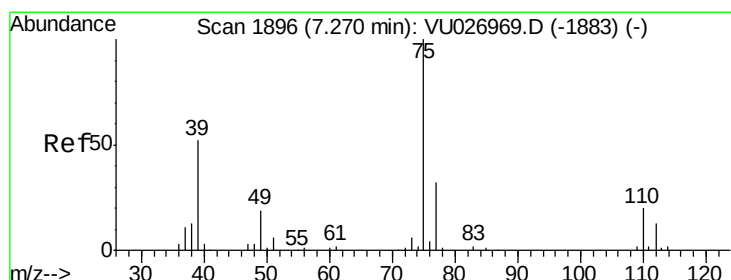
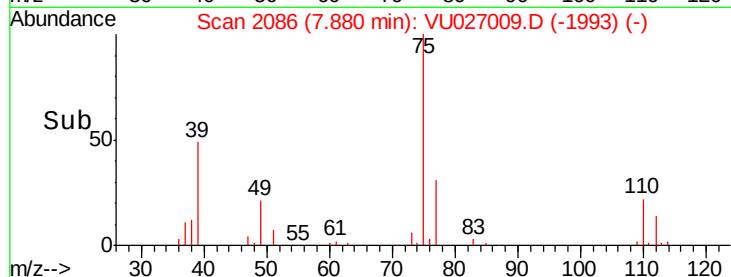
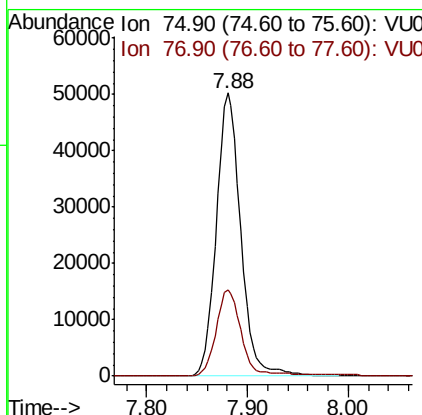
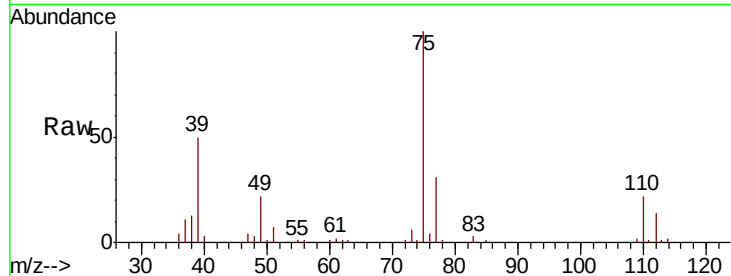
#53
t-1,3-Dichloropropene
Concen: 53.215 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion: 75 Resp: 84898
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9

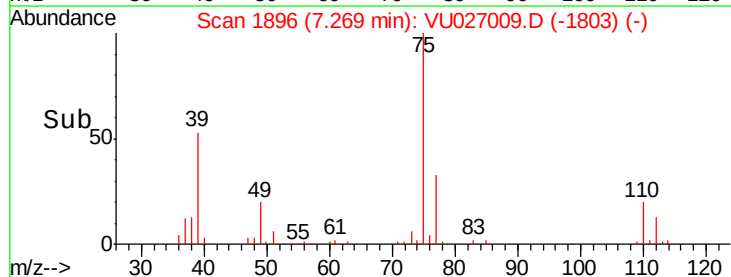
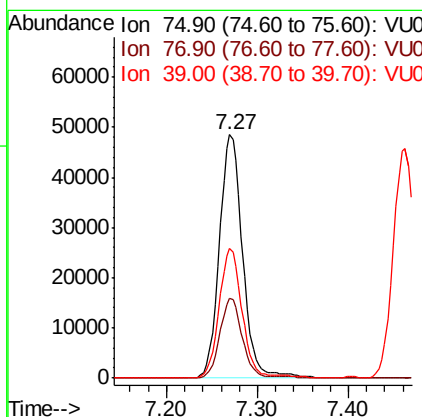
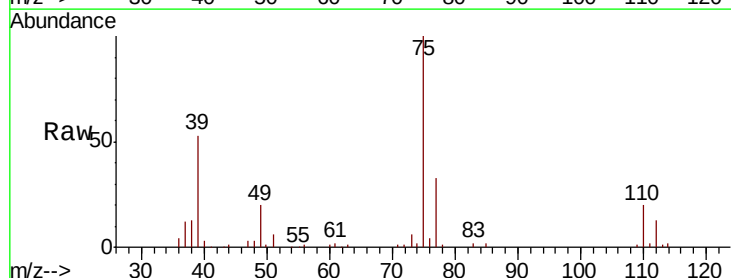
Manual Integrations
APPROVED

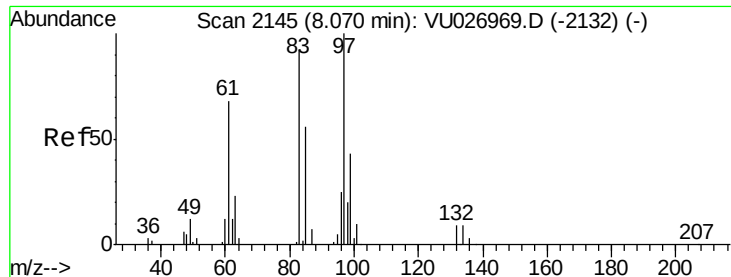
MMDadoda
9/24/2018 2:14:18 PM



#54
cis-1,3-Dichloropropene
Concen: 49.049 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion: 75 Resp: 86041
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 53.2 41.6 62.4





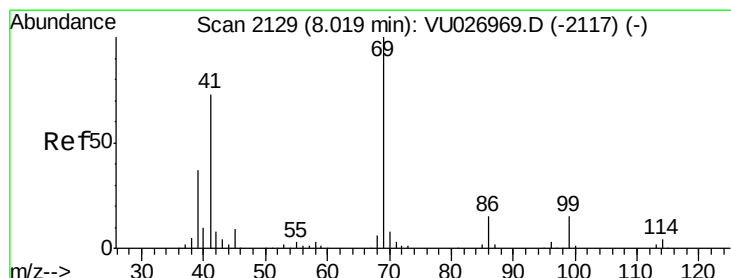
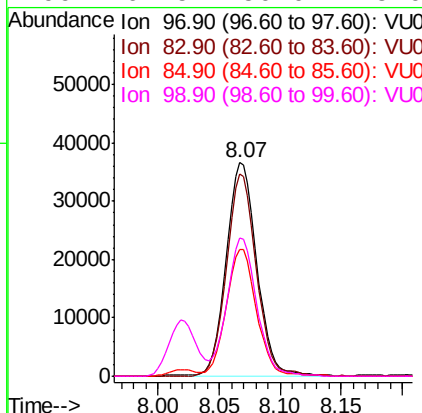
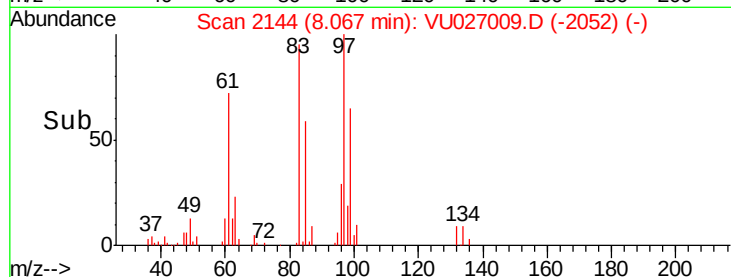
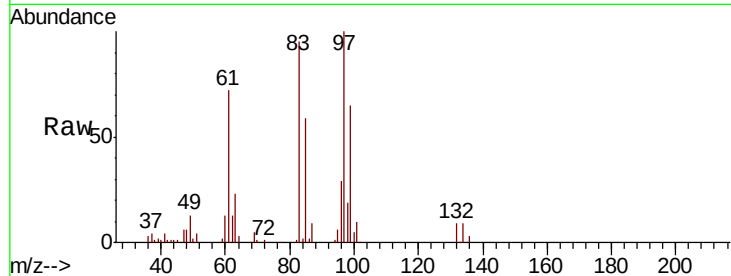
#55
 1,1,2-Trichloroethane
 Concen: 62.116 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion:	97	Resp:	64380
Ion	Ratio	Lower	Upper
97	100		
83	95.0	73.1	109.7
85	59.4	46.7	70.1
99	64.5	50.0	75.0

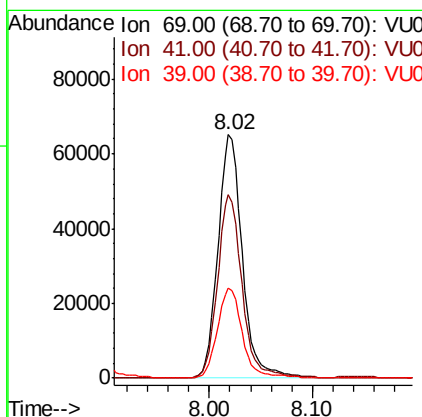
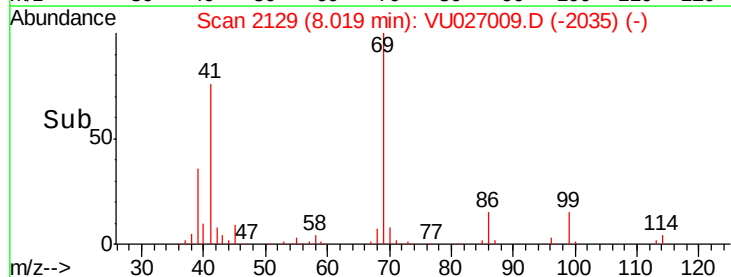
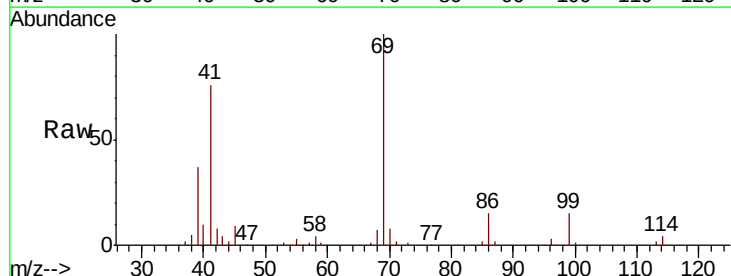
Manual Integrations
 APPROVED

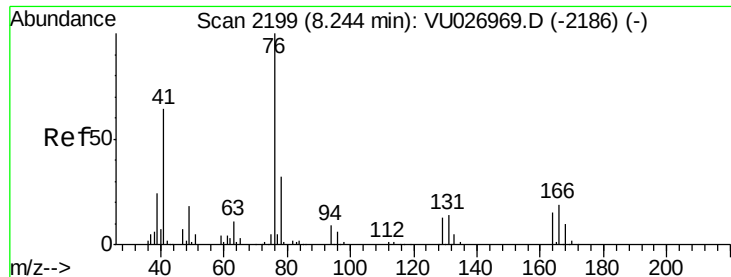
MMDadoda
 9/24/2018 2:14:18 PM



#56
 Ethyl methacrylate
 Concen: 59.134 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion:	69	Resp:	107097
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	37.4	30.2	45.4





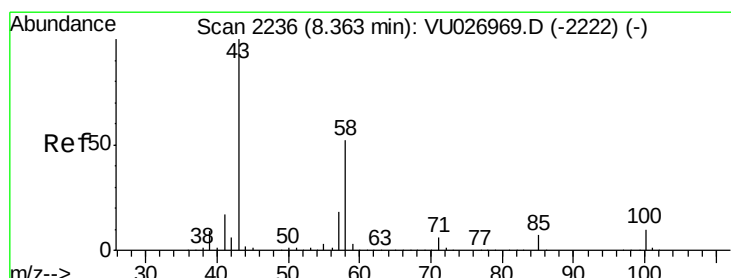
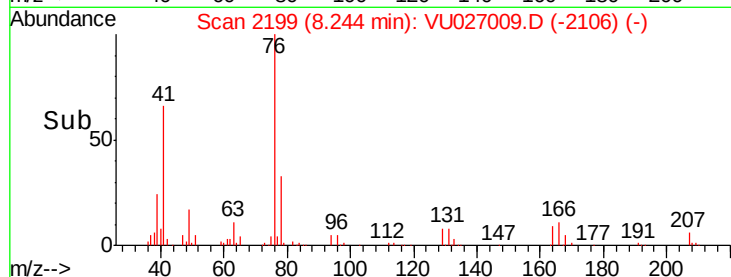
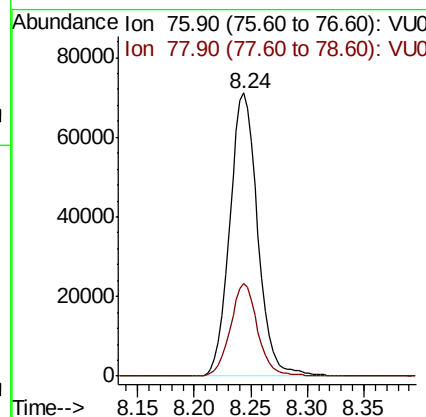
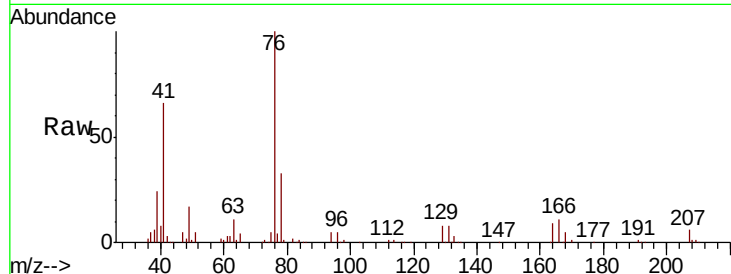
#57
 1,3-Dichloropropane
 Concen: 63.282 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

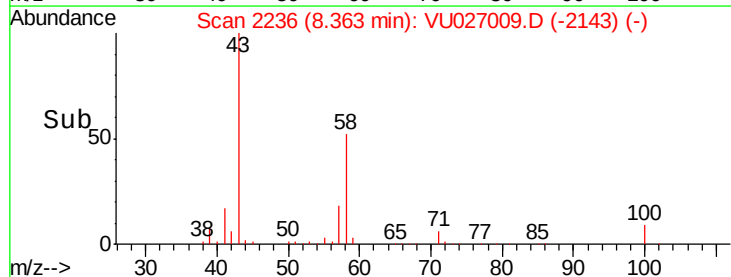
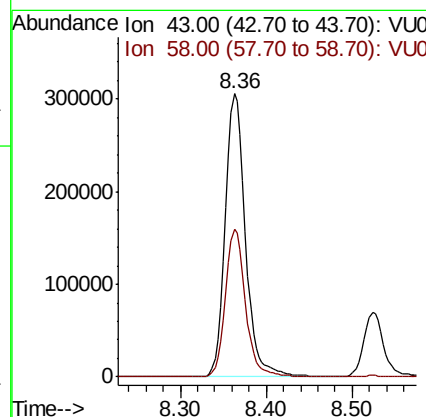
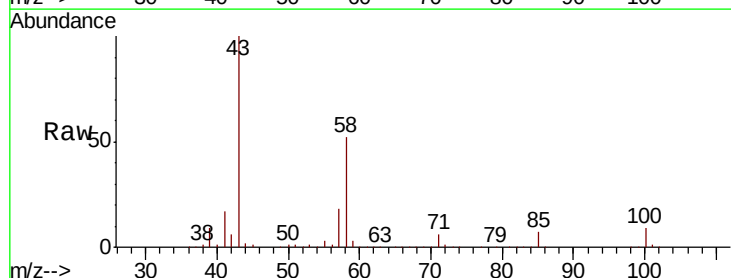
Manual Integrations
 APPROVED

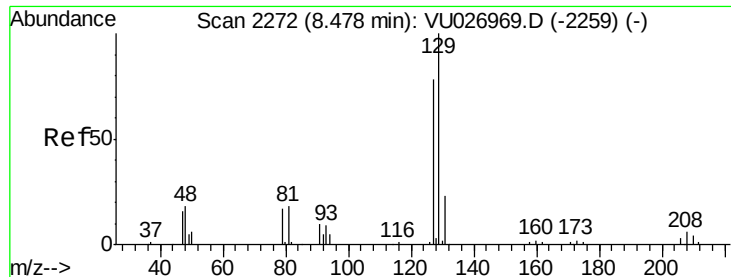
MMDadoda
 9/24/2018 2:14:18 PM



#59
 2-Hexanone
 Concen: 345.135 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.6	26.1	78.2





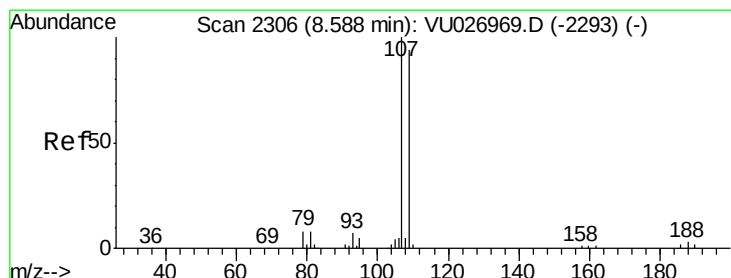
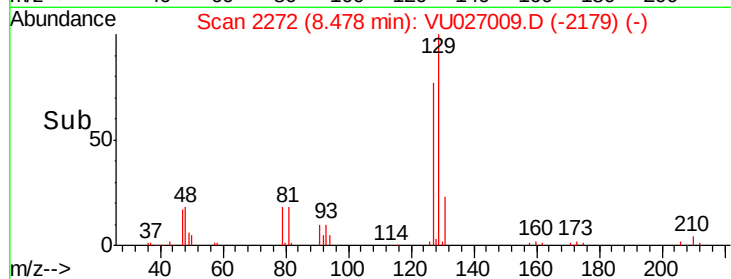
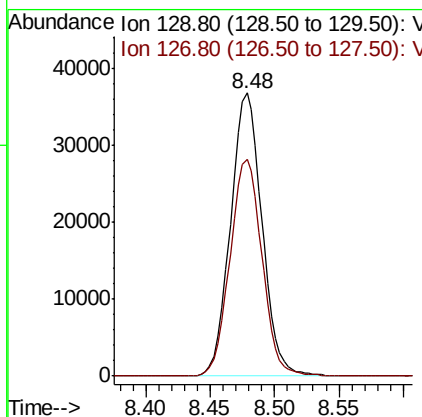
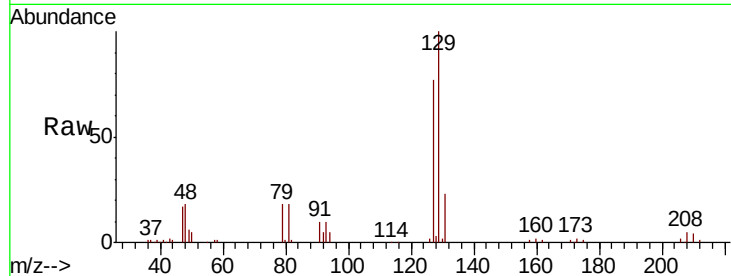
#60
 Dibromochloromethane
 Concen: 61.471 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		62494		
127	77.9	38.1	114.5		

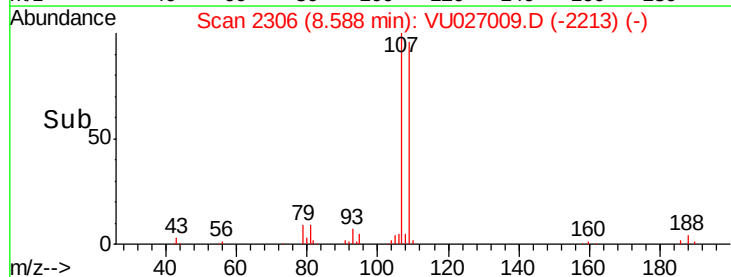
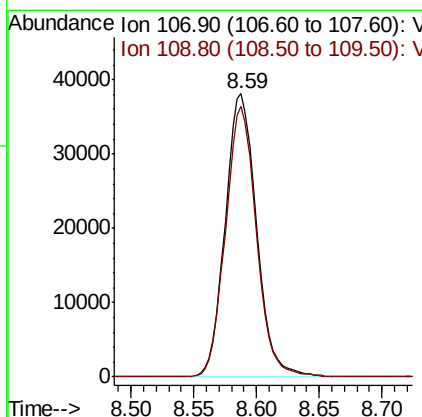
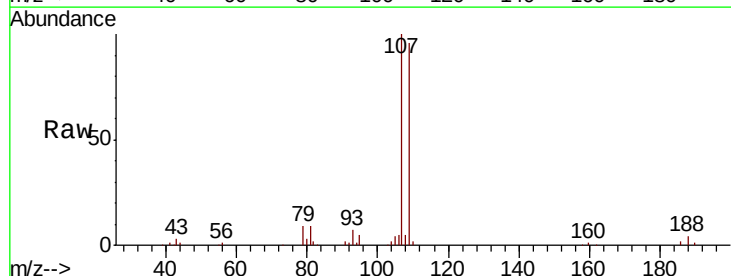
Manual Integrations
 APPROVED

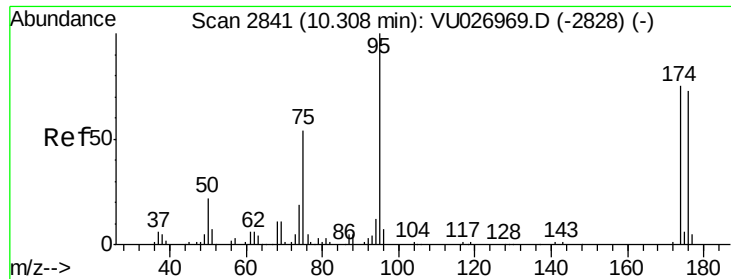
MMDadoda
 9/24/2018 2:14:18 PM



#61
 1,2-Dibromoethane
 Concen: 61.285 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		66089		
109	93.8	75.0	112.6		





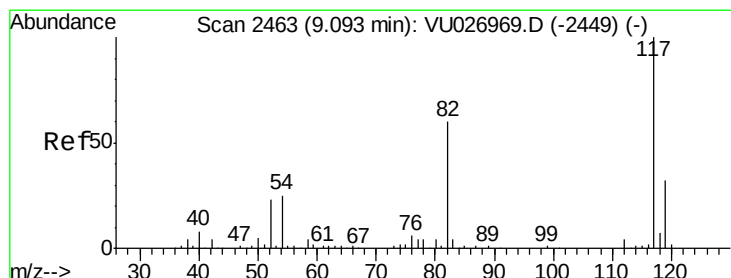
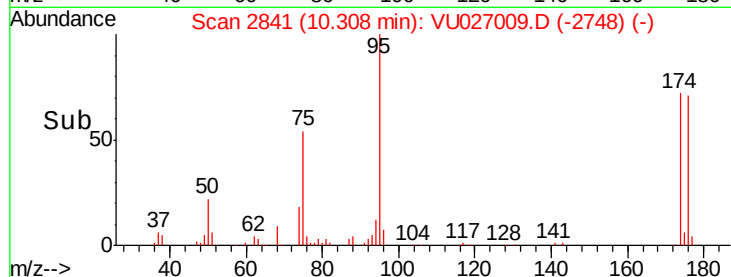
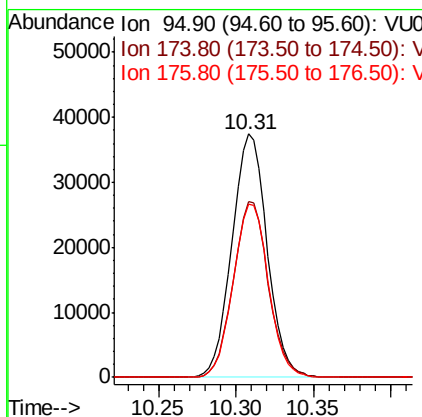
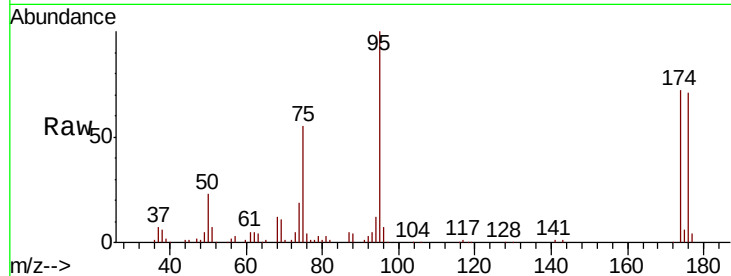
#62
 4-Bromofluorobenzene
 Concen: 49.537 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	59059		
174	72.1	0.0	150.2	
176	71.4	0.0	145.2	

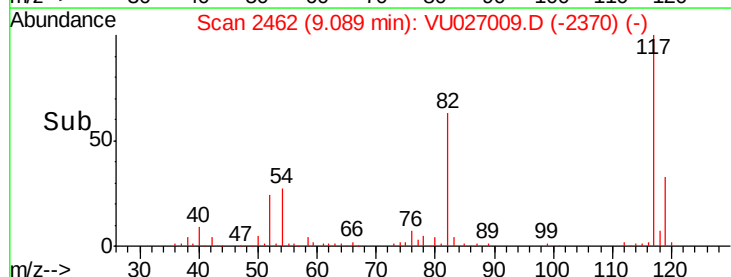
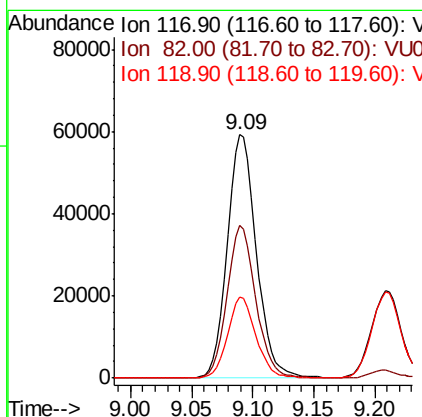
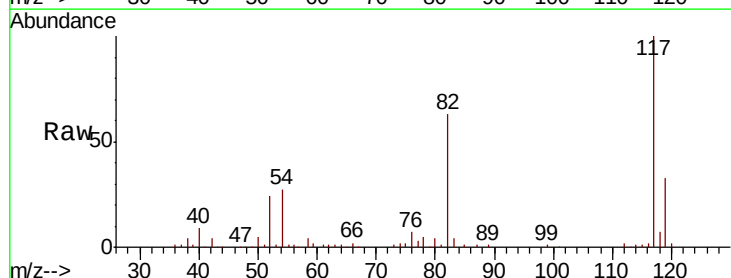
Manual Integrations
 APPROVED

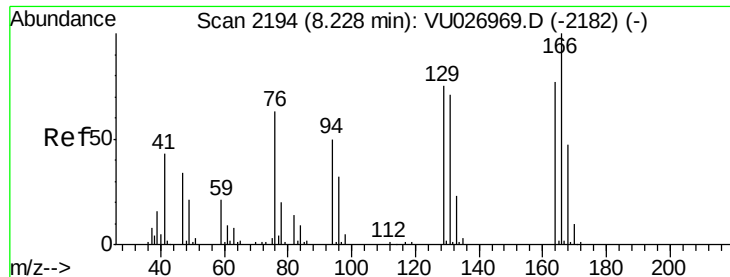
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 9/24/2018 2:14:18 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99313		
82	62.7	48.0	72.0	
119	33.3	25.8	38.8	





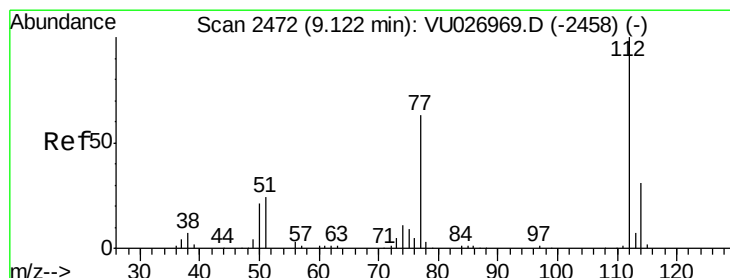
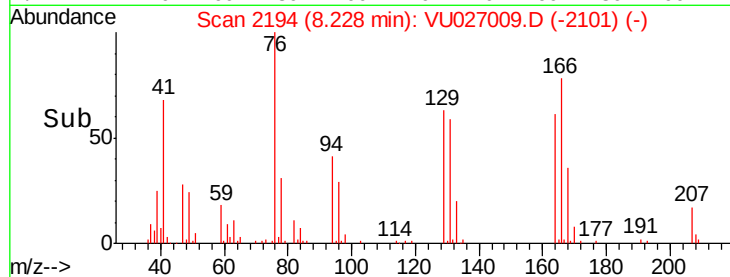
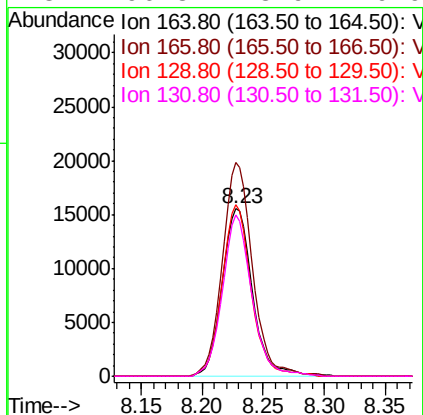
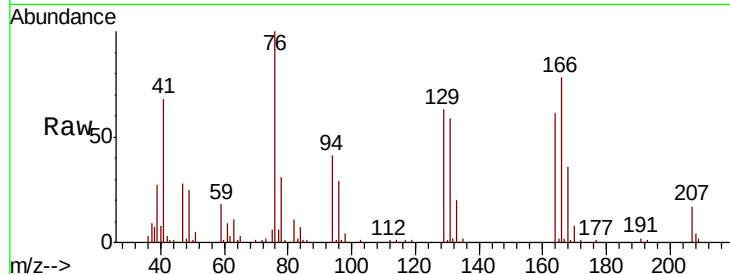
#64
Tetrachloroethene
Concen: 35.777 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.4	156.6
129	102.7	78.7	118.1
131	96.8	73.9	110.9

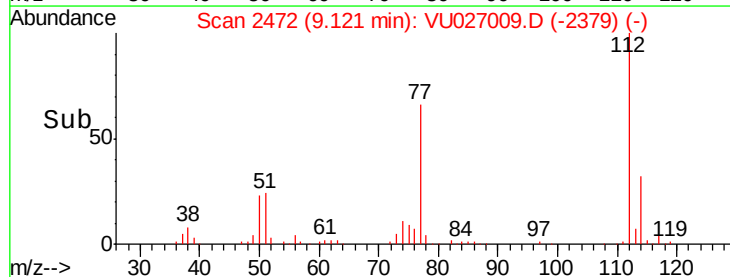
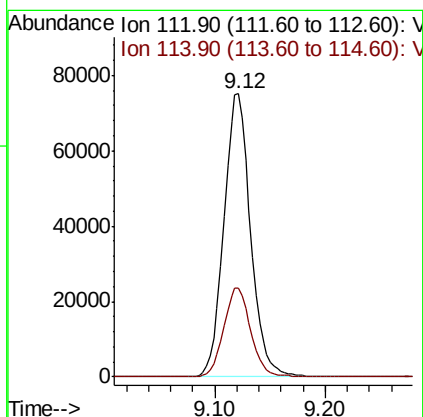
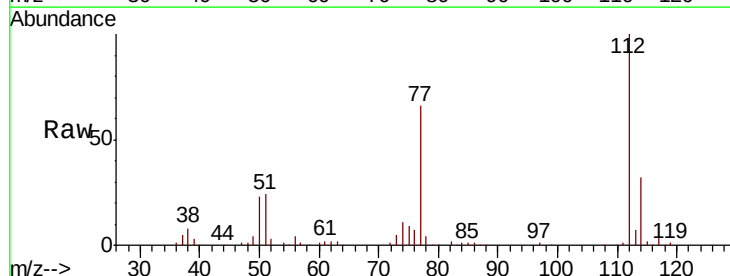
Manual Integrations
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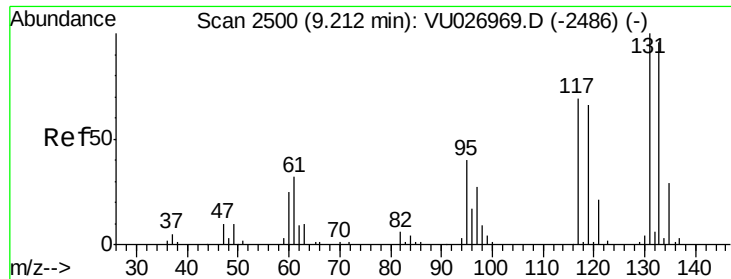
MMDadoda
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#65
Chlorobenzene
Concen: 47.888 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6





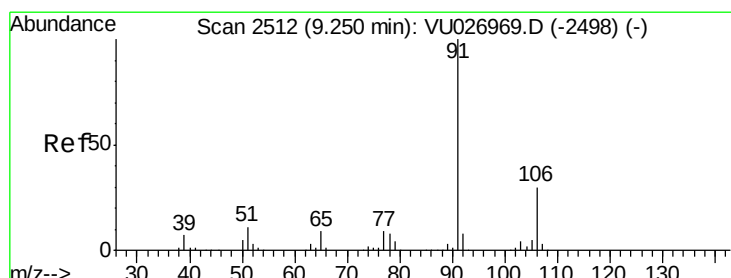
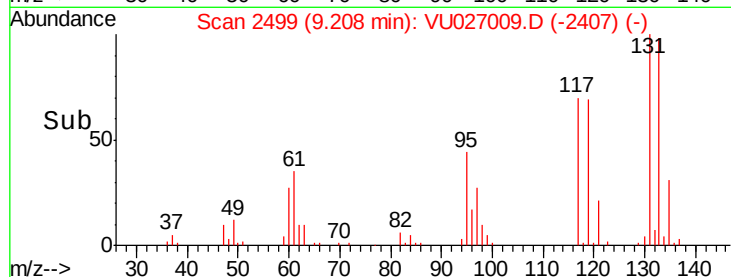
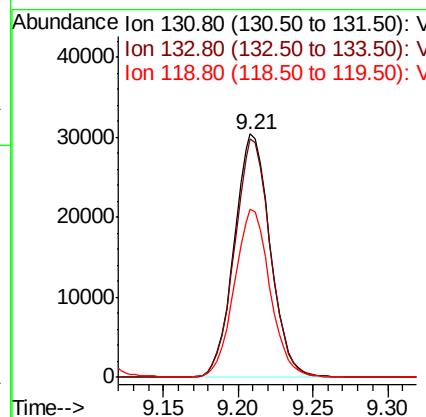
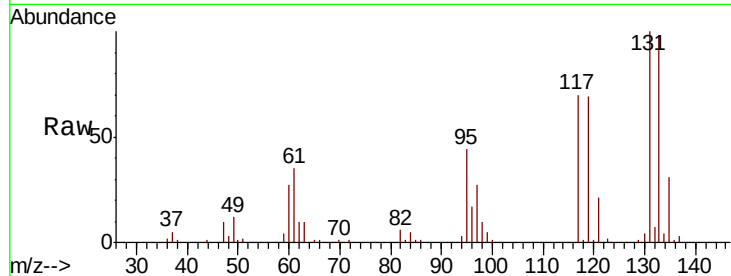
#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.139 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.5	48.0	144.2
119	68.5	33.4	100.1

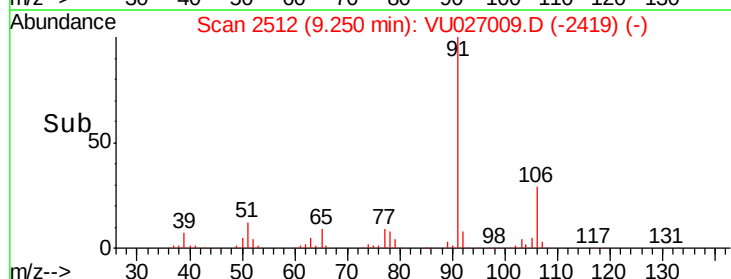
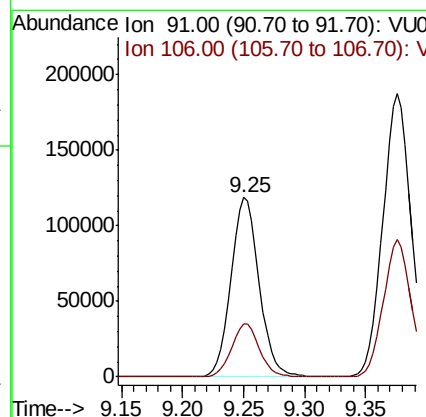
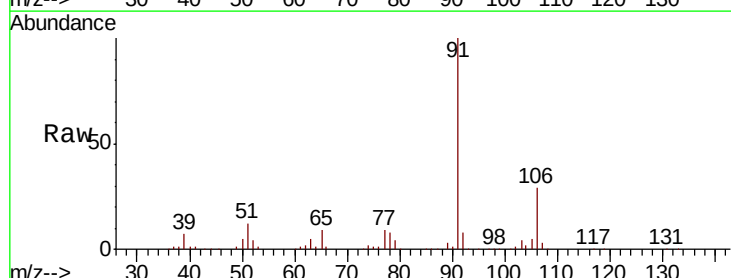
Manual Integrations
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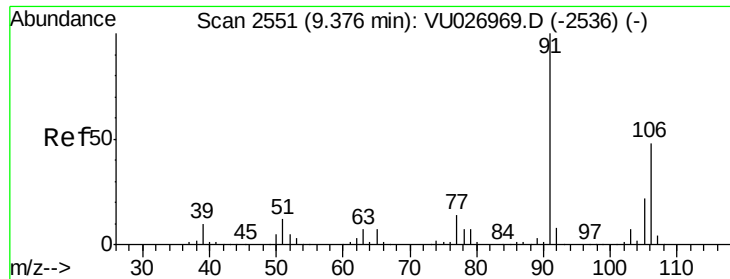
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 9/24/2018 2:14:18 PM



#67
 Ethyl Benzene
 Concen: 44.454 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.8	35.8





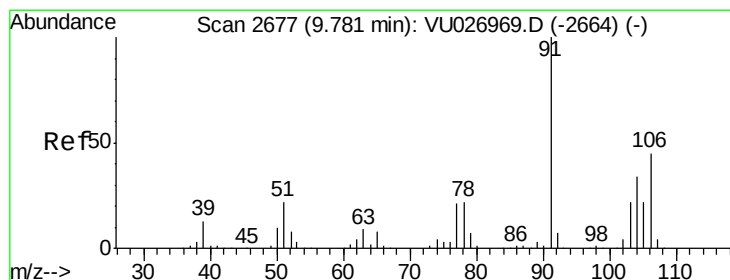
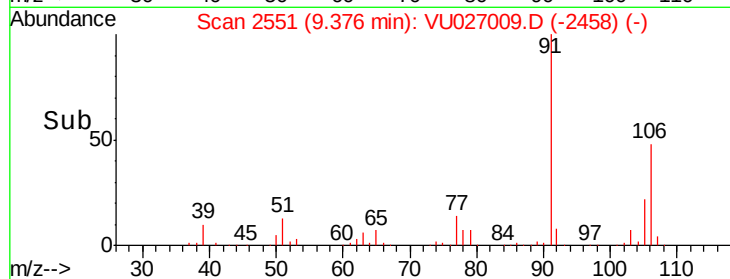
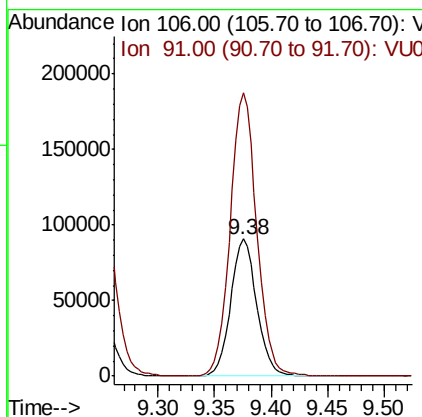
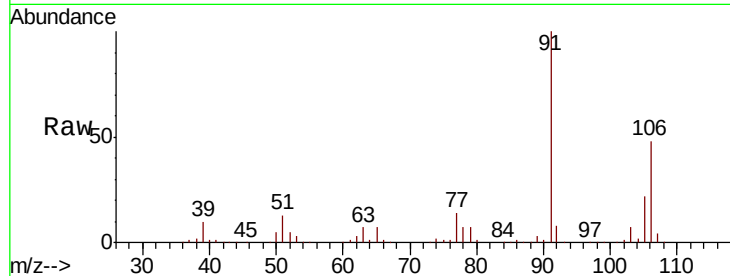
#68
m/p-Xylenes
Concen: 83.161 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion:106 Resp: 145385
Ion Ratio Lower Upper
106 100
91 210.3 166.5 249.7

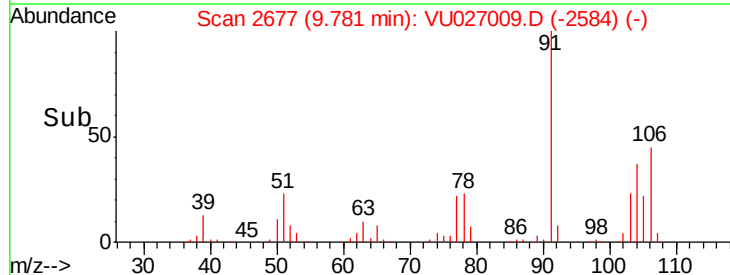
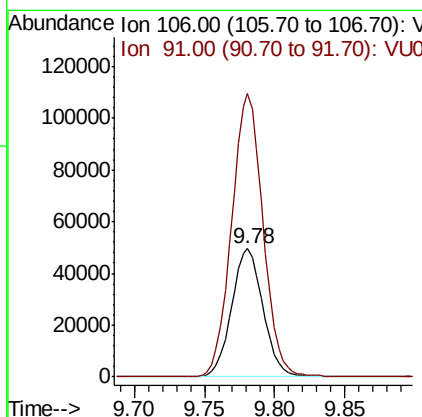
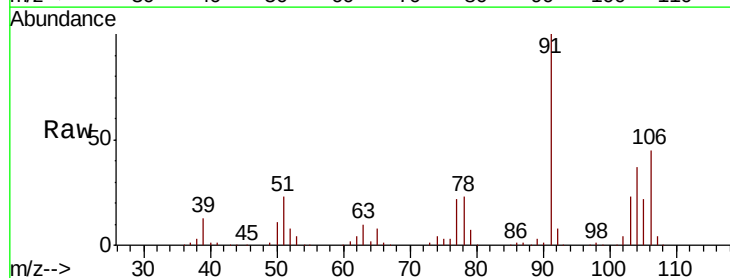
Manual Integrations
APPROVED

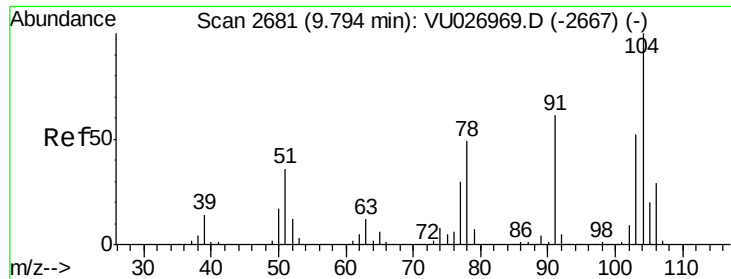
MMDadoda
9/24/2018 2:14:18 PM



#69
o-Xylene
Concen: 50.315 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion:106 Resp: 77194
Ion Ratio Lower Upper
106 100
91 220.6 110.2 330.6





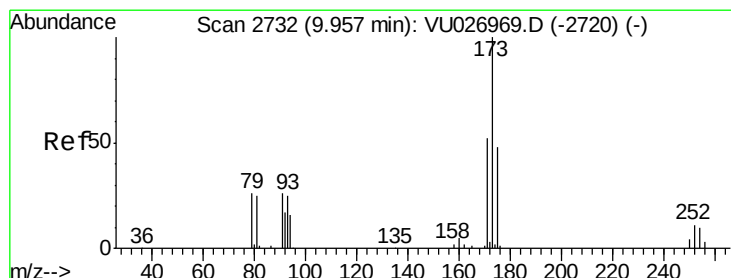
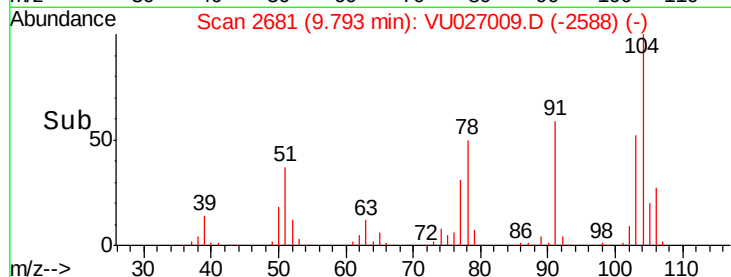
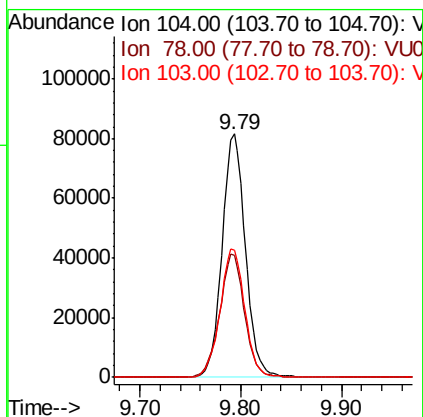
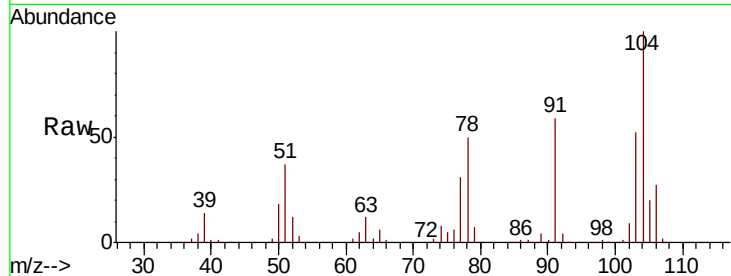
#70
Stvrene
Concen: 46.304 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	132247		
78	53.6	43.0	64.4	
103	55.6	44.1	66.1	

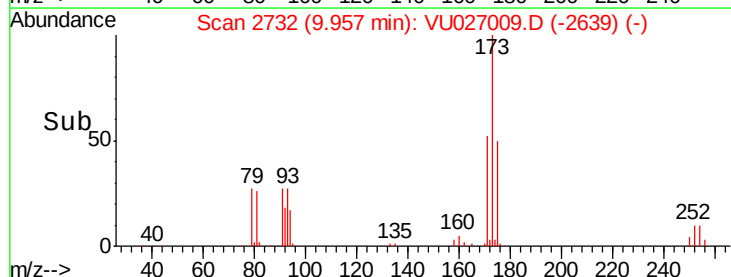
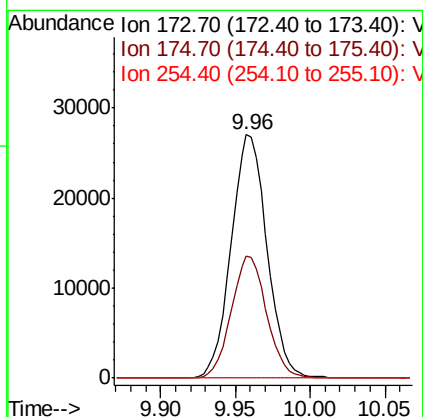
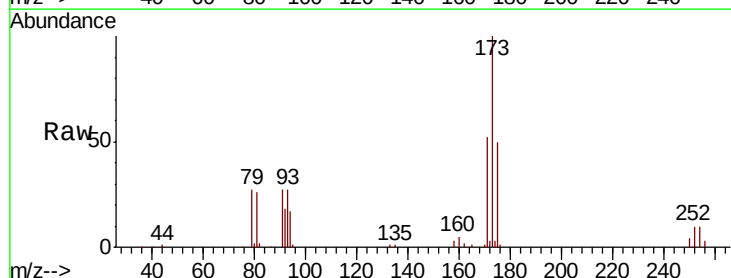
Manual Integrations
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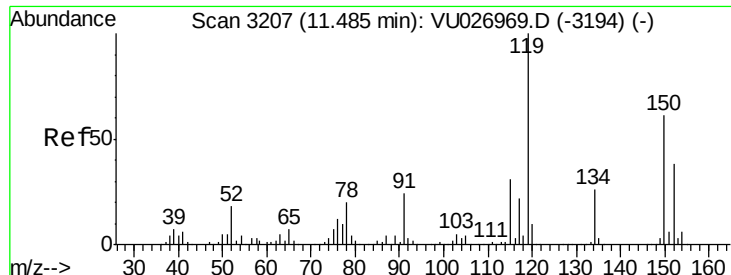
MMDadoda
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#71
Bromoform
Concen: 64.288 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	45091		
175	49.3	23.9	71.8	
254	0.0	0.0	0.0	





#72

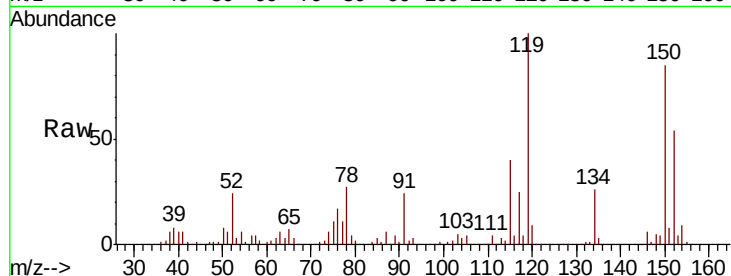
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

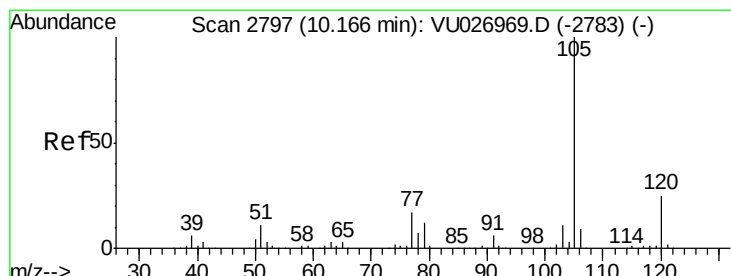
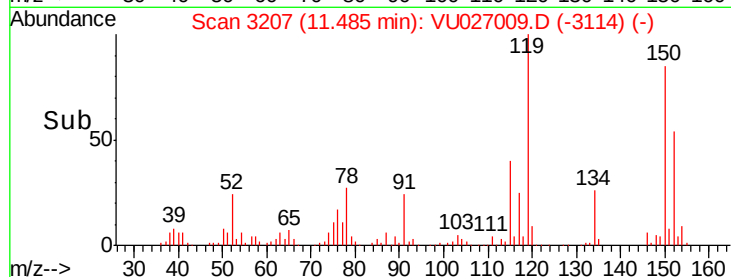
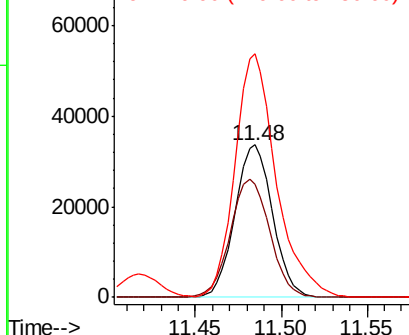
Tot Ion	Ratio	Lower	Upper
152	100		
115	81.5	44.9	134.5
150	175.6	0.0	355.8

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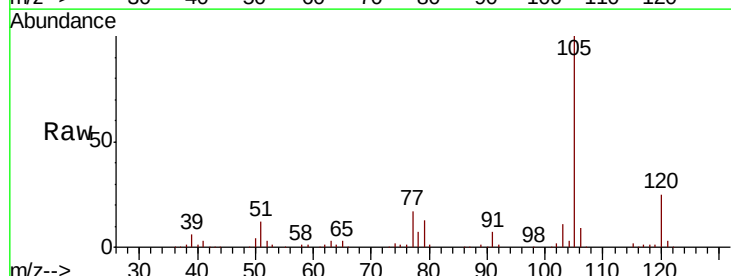
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



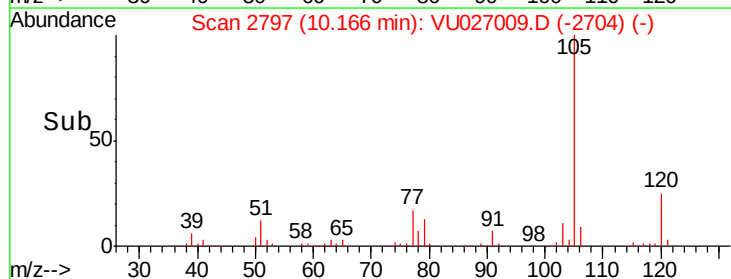
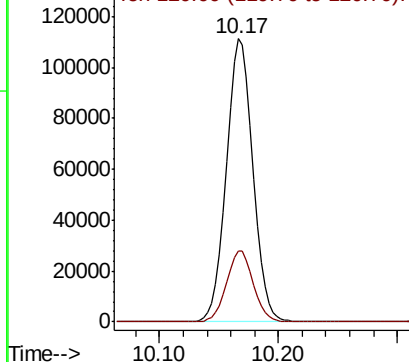
#73

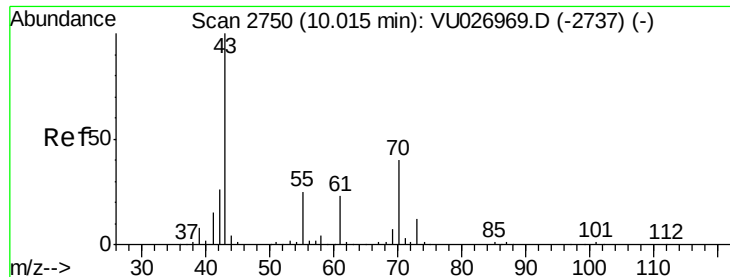
Isopropylbenzene
Concen: 44.008 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.702 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

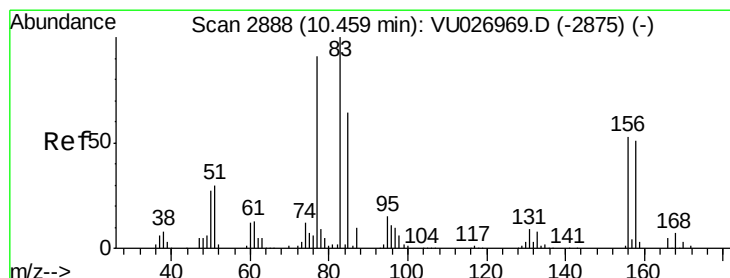
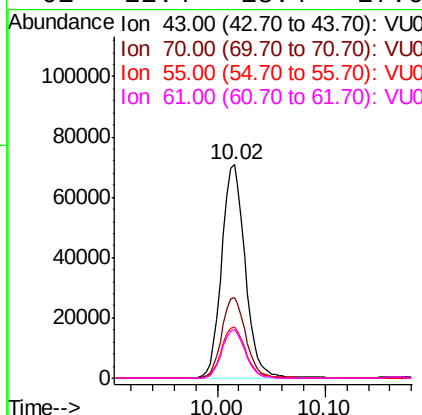
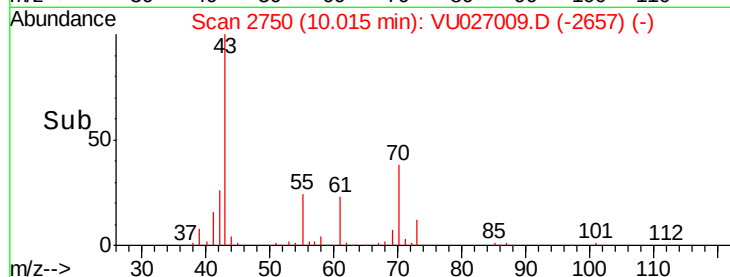
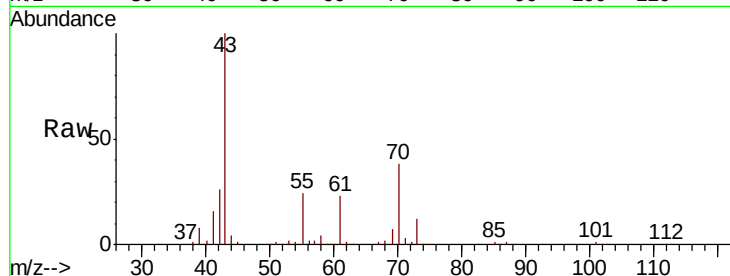
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	43	Resp:	107754
Ion	Ratio	Lower	Upper
43	100		
70	38.4	31.8	47.8
55	24.7	19.9	29.9
61	22.4	18.4	27.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 65.133 ug/l

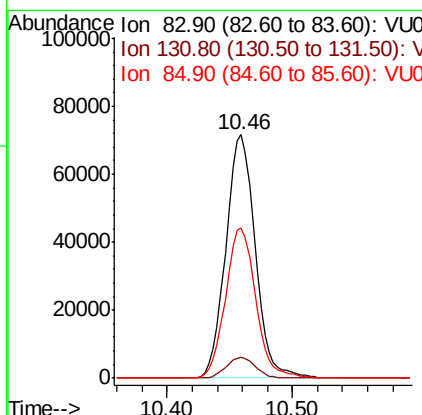
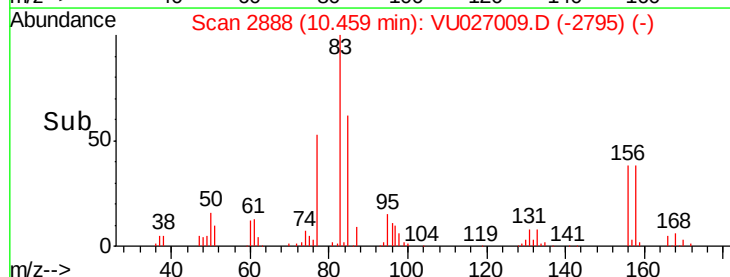
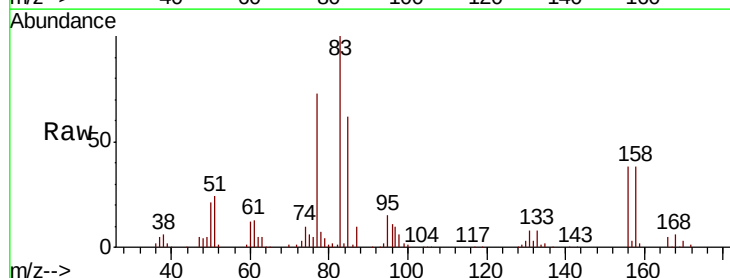
RT: 10.46 min Scan# 2888

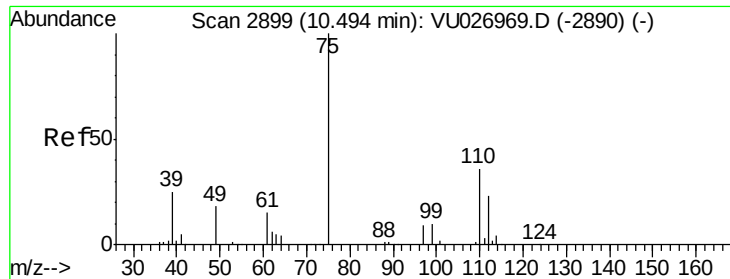
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	83	Resp:	116864
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	63.4	31.9	95.7





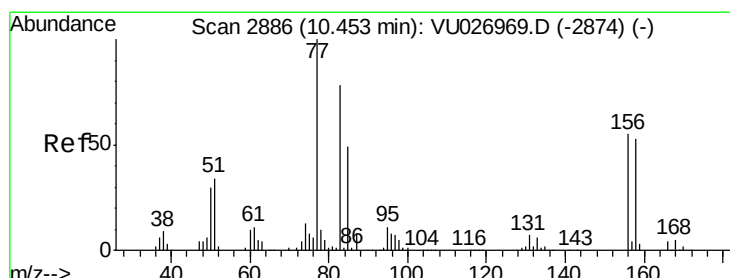
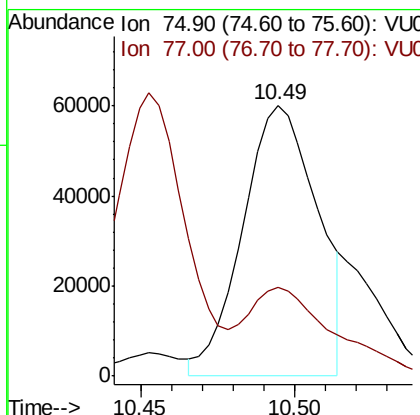
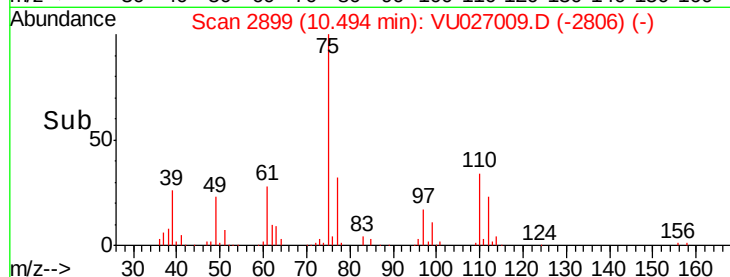
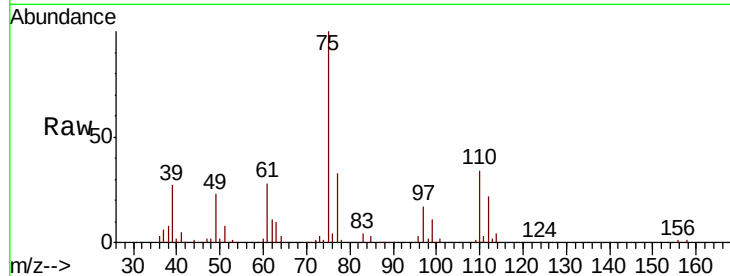
#76
 1,2,3-Trichloropropane
 Concen: 65.145 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion: 75 Resp: 101529
 Ion Ratio Lower Upper
 75 100
 77 38.7 20.9 62.8

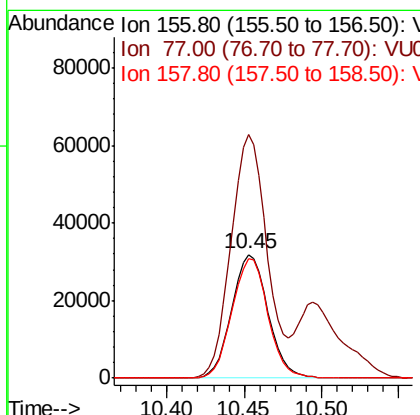
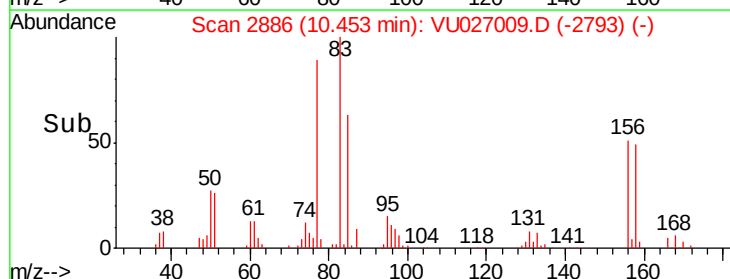
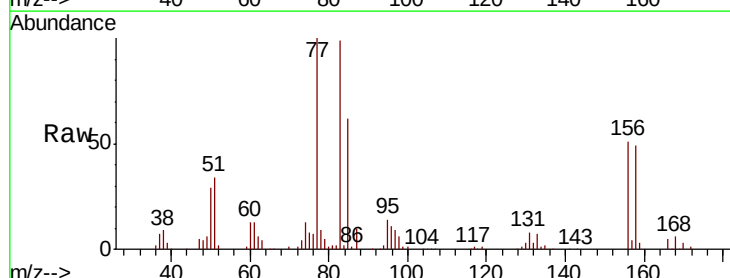
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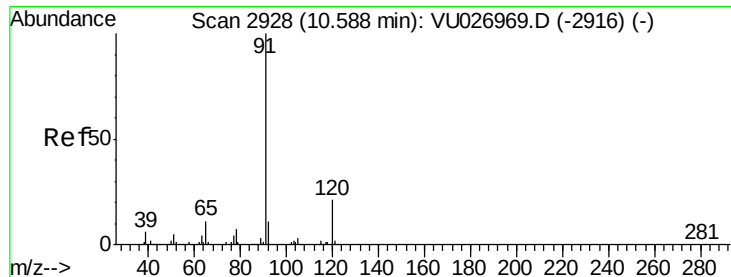
MMDadoda
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#77
 Bromobenzene
 Concen: 54.376 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 156 Resp: 51854
 Ion Ratio Lower Upper
 156 100
 77 195.4 92.3 276.9
 158 96.0 48.1 144.3





#78

n-propylbenzene

Concen: 42.007 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 91 Resp: 193964

Ion Ratio Lower Upper

91 100

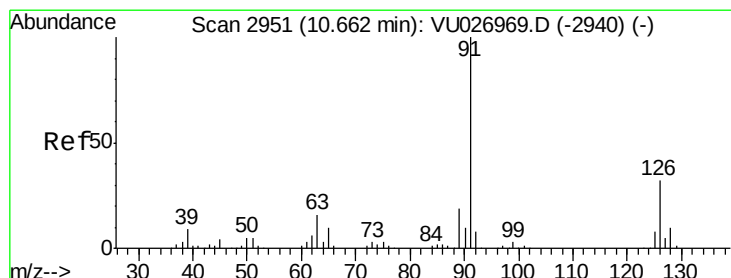
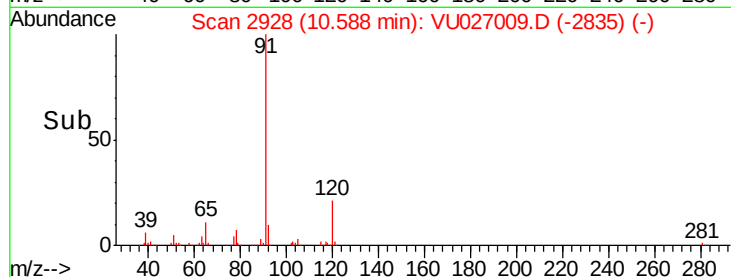
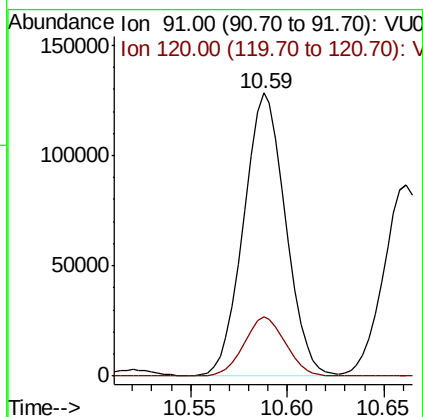
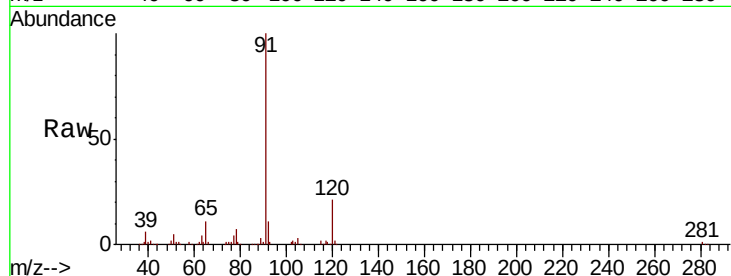
120 20.7 10.6 31.8

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#79

2-Chlorotoluene

Concen: 48.095 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027009.D

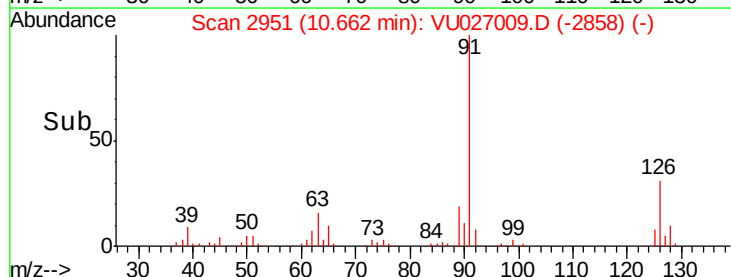
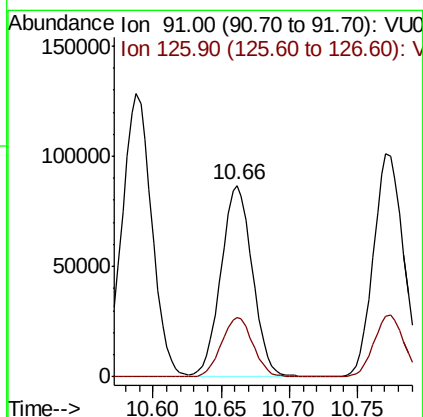
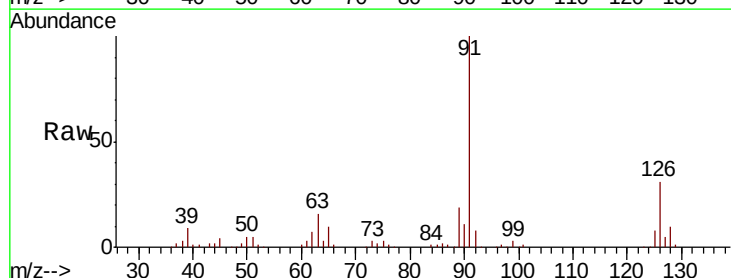
Acq: 22 Sep 2018 10:01

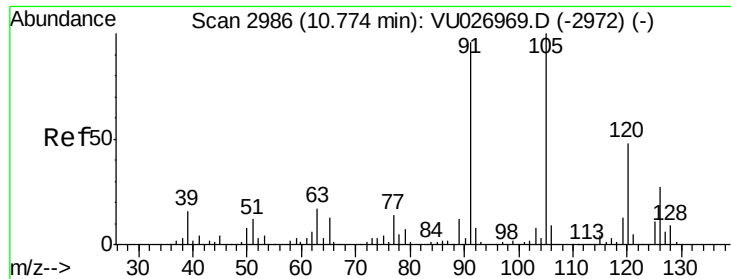
Tgt Ion: 91 Resp: 139491

Ion Ratio Lower Upper

91 100

126 31.0 15.8 47.3





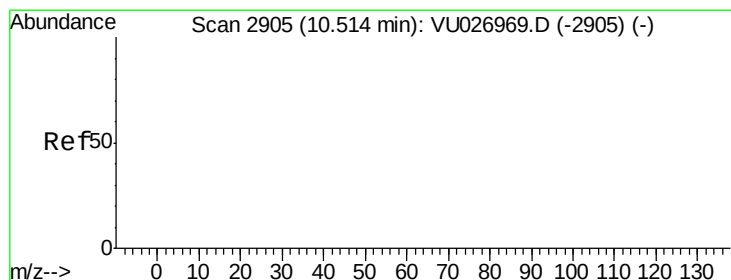
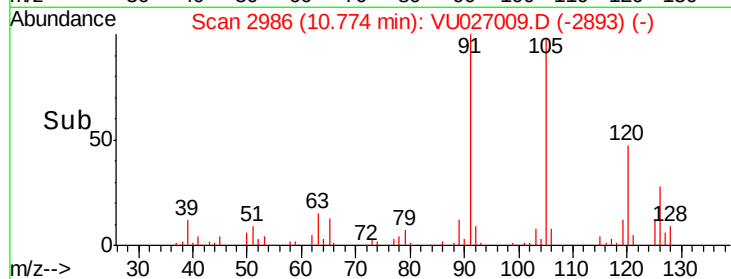
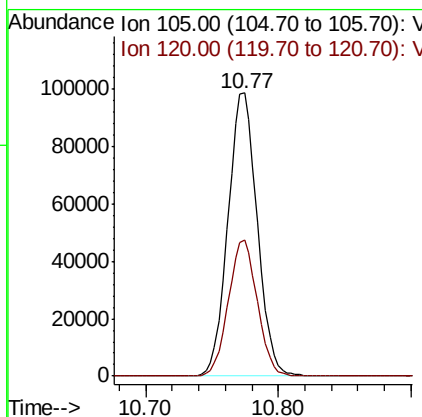
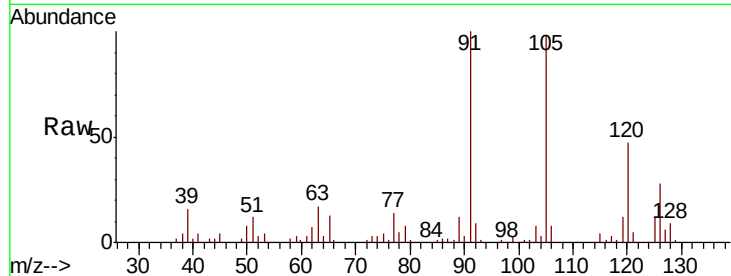
#80
 1,3,5-Trimethylbenzene
 Concen: 46.937 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion: 105 Resp: 151199
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7

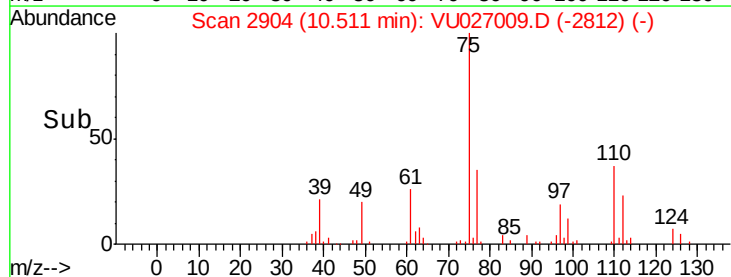
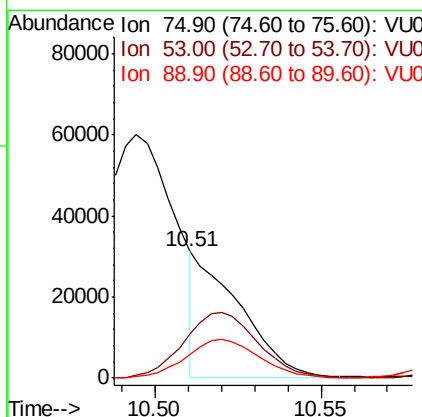
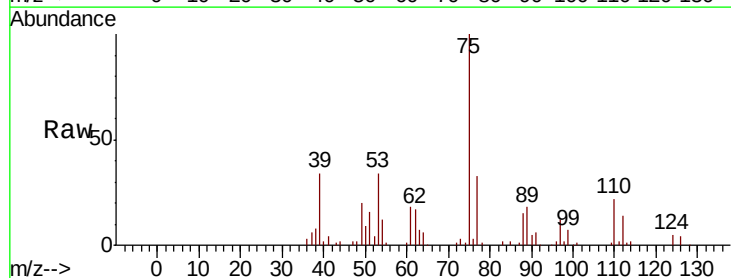
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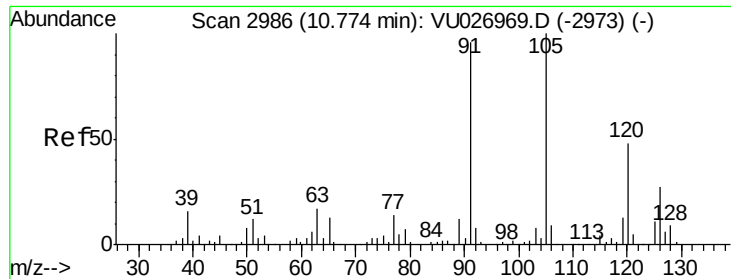
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.081 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion: 75 Resp: 29260
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 47.906 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion: 91 Resp: 155797

Ion Ratio Lower Upper

91 100

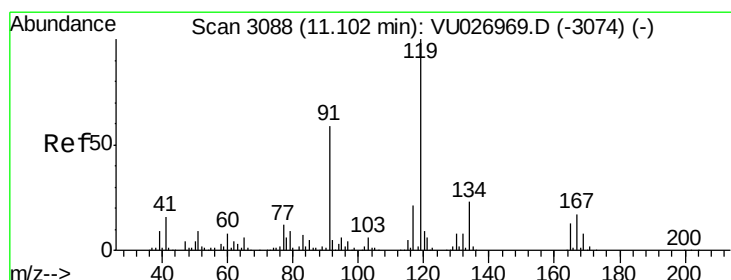
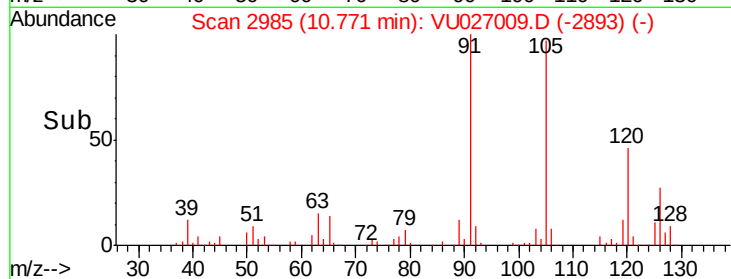
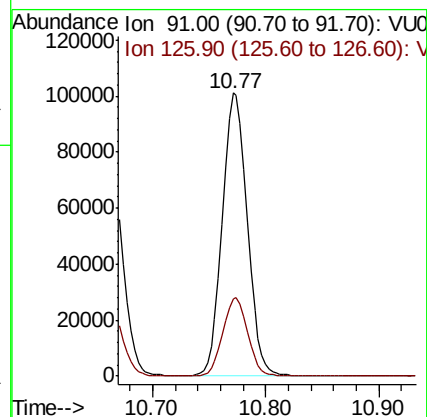
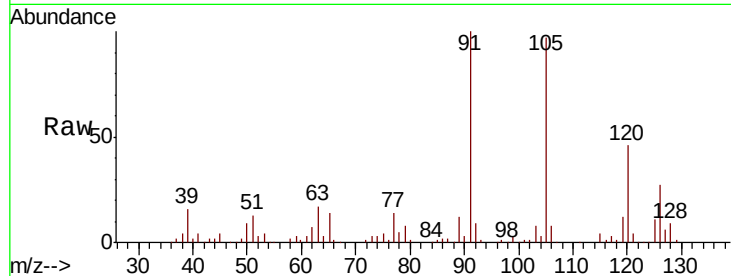
126 27.7 14.1 42.2

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#83

tert-Butylbenzene

Concen: 43.991 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

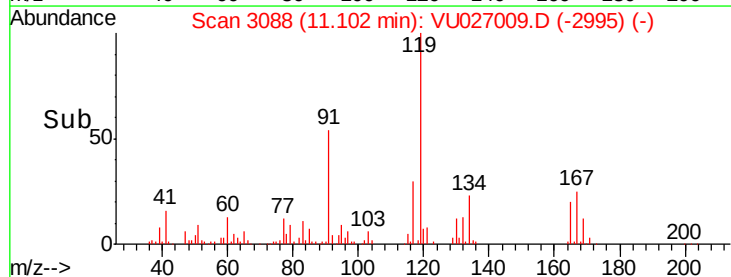
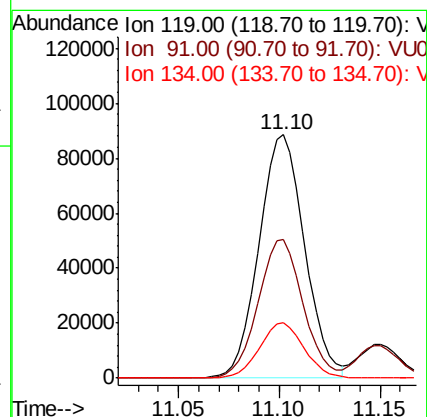
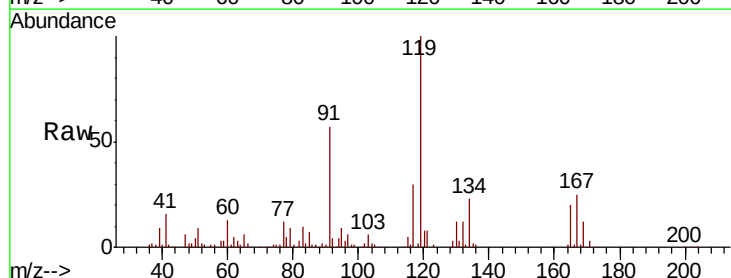
Tgt Ion: 119 Resp: 140103

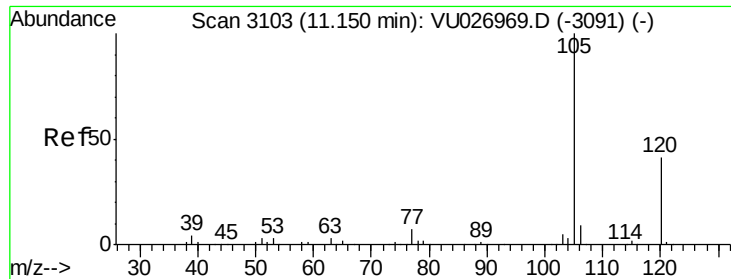
Ion Ratio Lower Upper

119 100

91 55.7 29.8 89.4

134 22.2 11.5 34.4





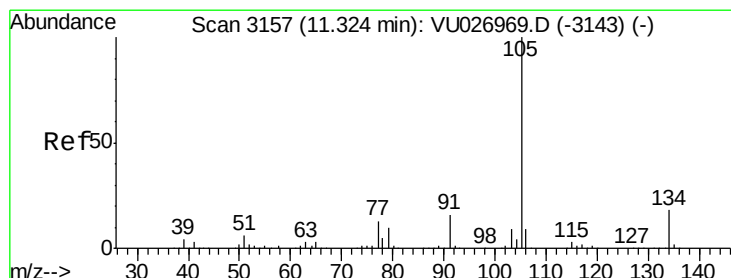
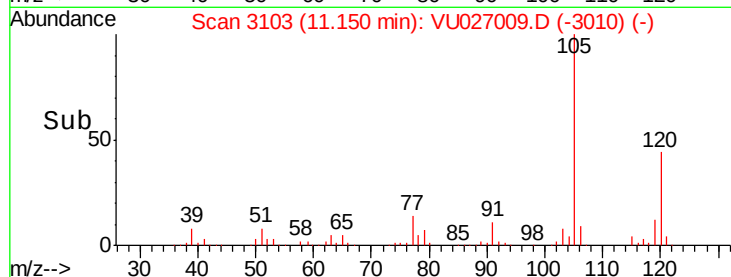
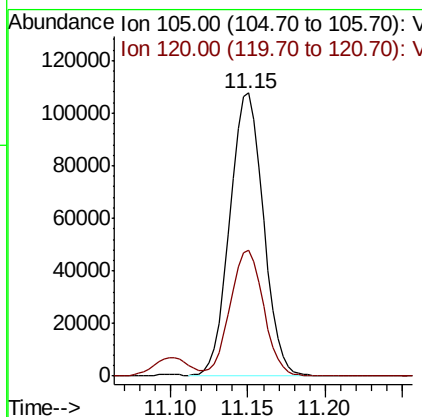
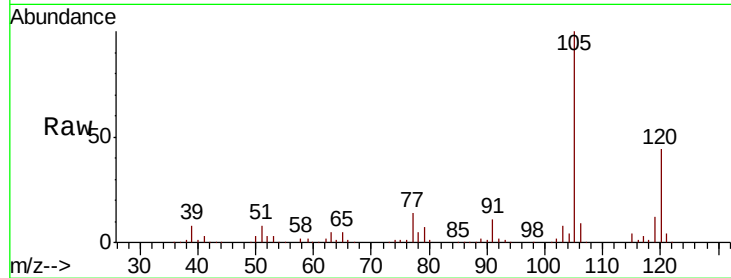
#84
1,2,4-Trimethylbenzene
Concen: 49.352 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion:105 Resp: 161793
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.2

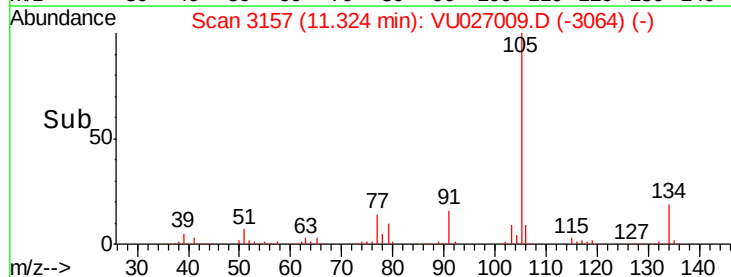
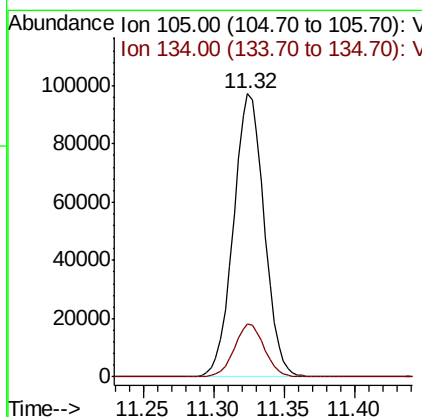
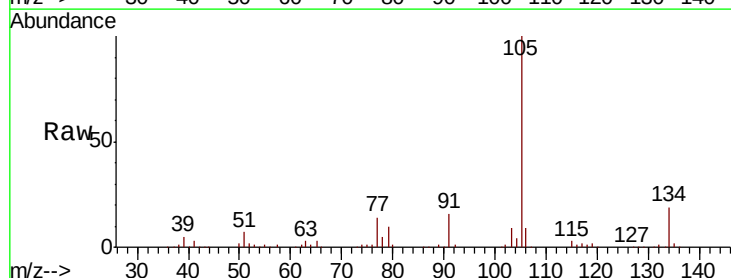
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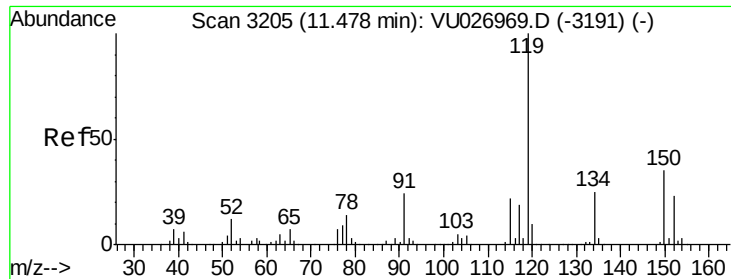
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#85
sec-Butylbenzene
Concen: 38.183 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion:105 Resp: 148444
Ion Ratio Lower Upper
105 100
134 18.2 9.4 28.2





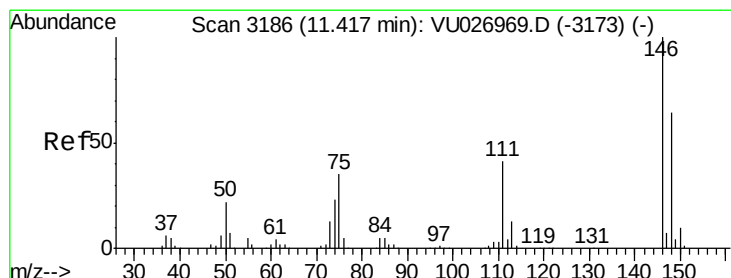
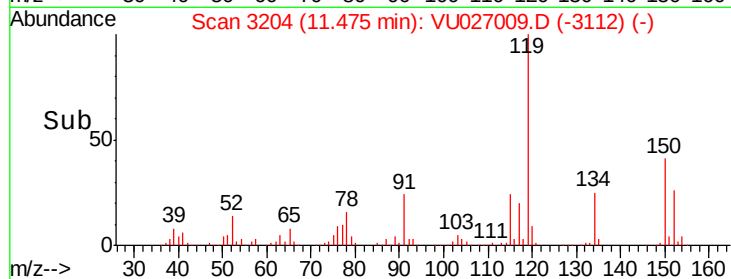
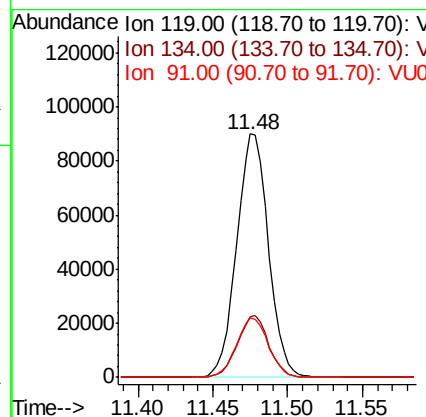
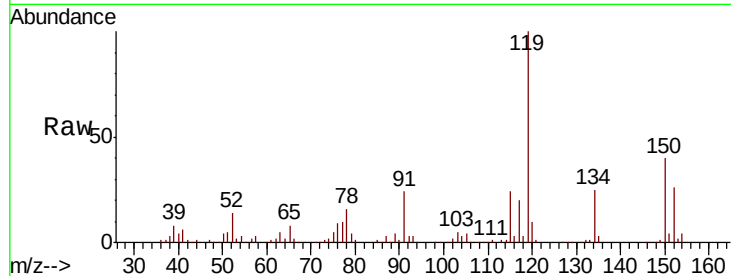
#86
 p-Isopropyltoluene
 Concen: 36.650 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132779		
134	24.9	12.8	38.3	
91	24.7	12.3	36.8	

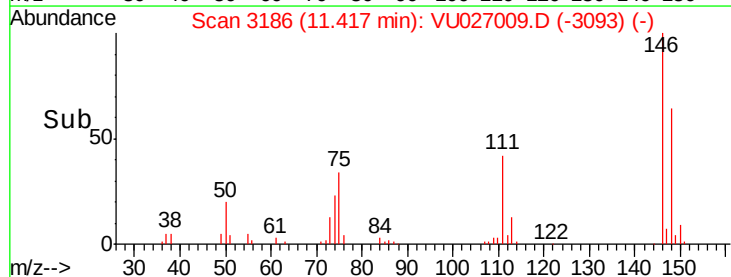
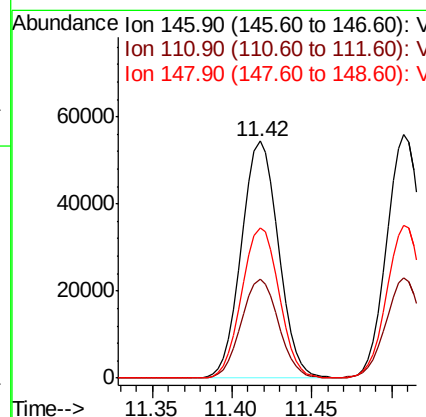
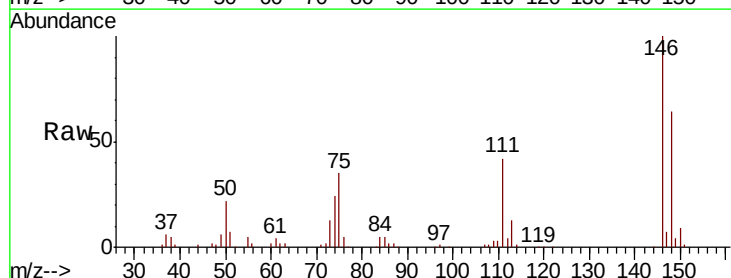
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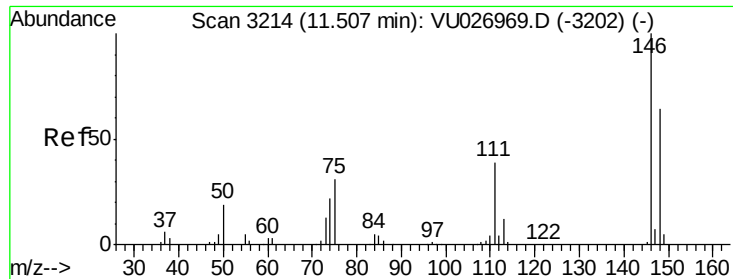
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#87
 1,3-Dichlorobenzene
 Concen: 48.379 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	85853		
111	41.8	20.8	62.2	
148	64.0	32.0	96.2	





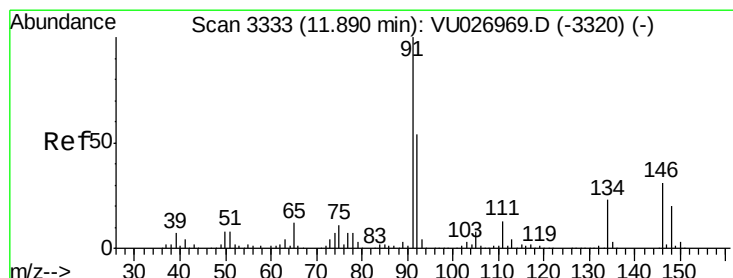
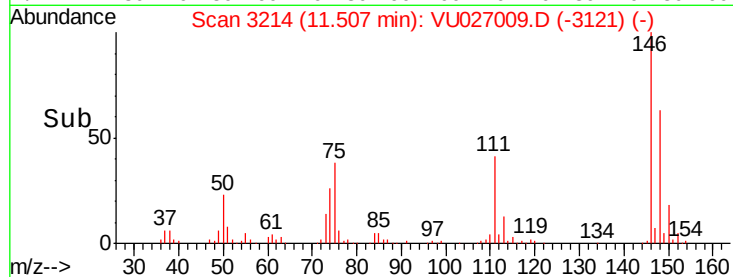
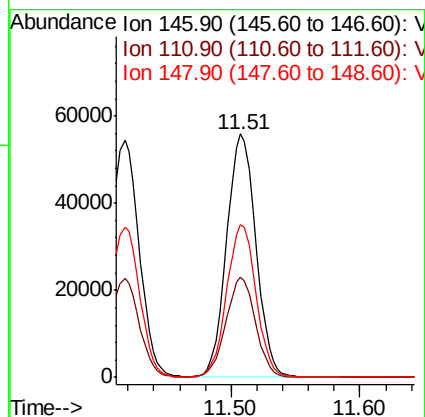
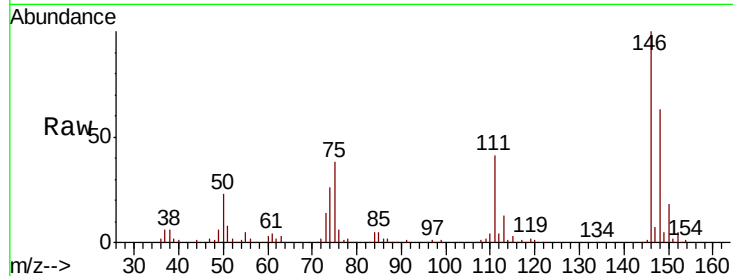
#88
 1,4-Dichlorobenzene
 Concen: 45.642 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion:	146	Resp:	88276
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.3	60.9
148	62.8	31.9	95.9

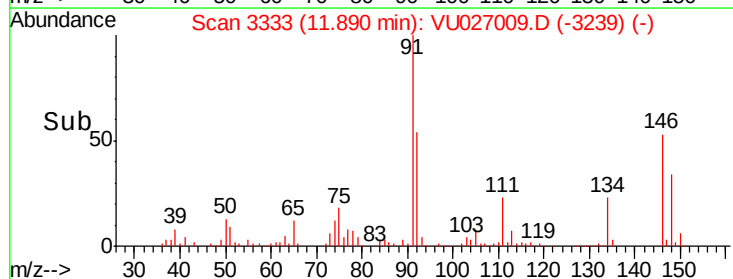
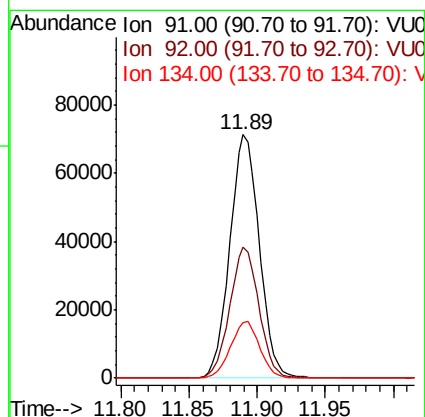
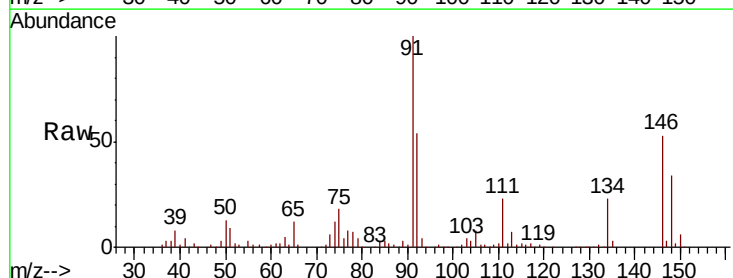
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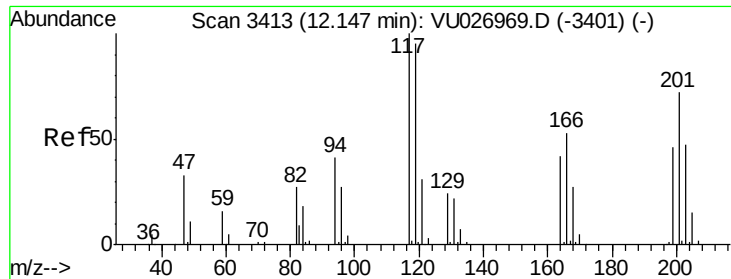
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#89
 n-Butylbenzene
 Concen: 31.204 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

Tgt Ion:	91	Resp:	107004
Ion Ratio	Lower	Upper	
91	100		
92	53.2	27.1	81.2
134	22.8	11.7	35.0





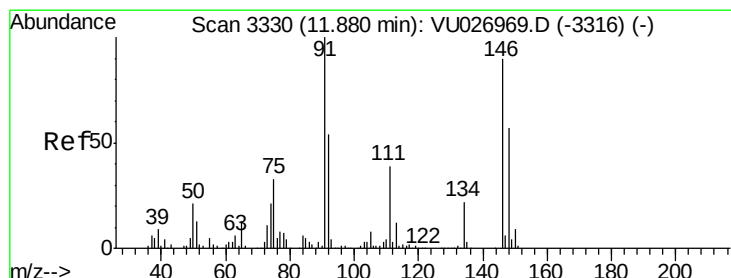
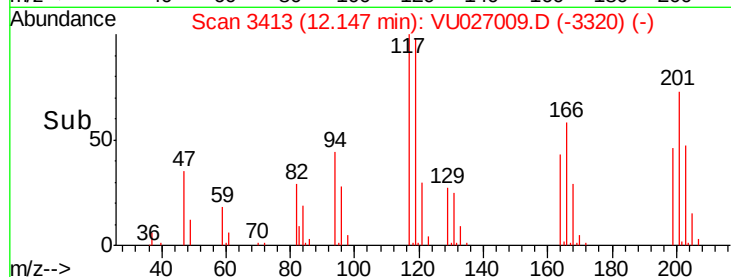
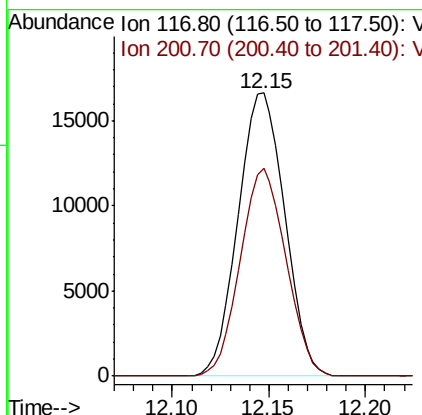
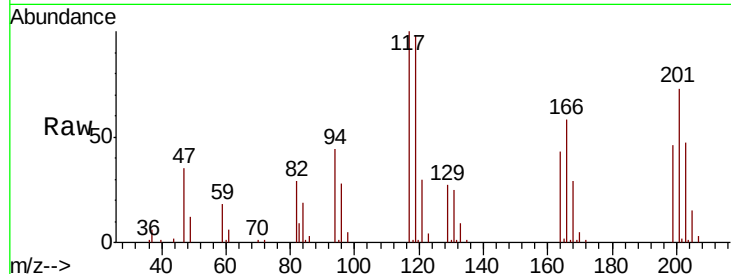
#90
Hexachloroethane
Concen: 39.490 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	27918		
201	71.9	36.8	110.3	

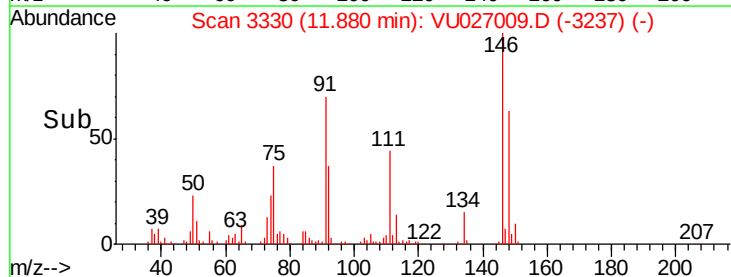
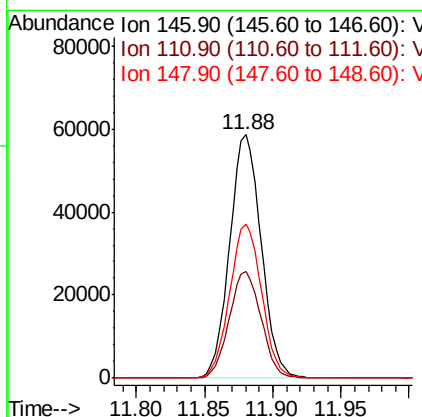
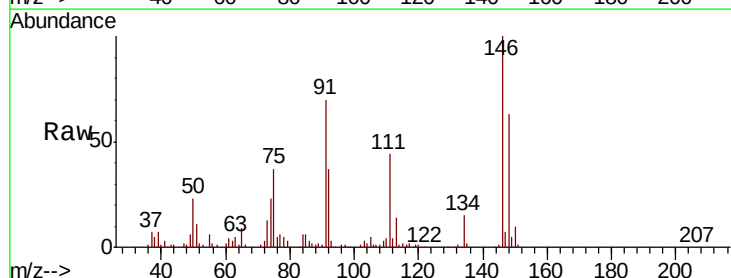
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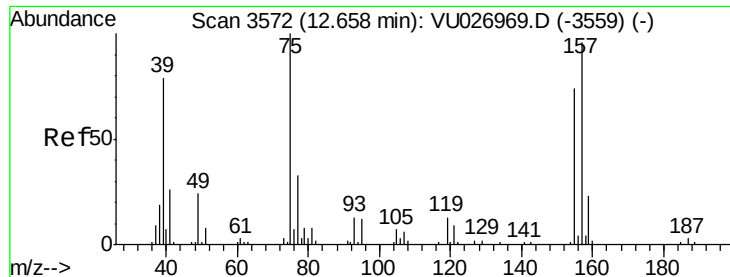
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#91
1,2-Dichlorobenzene
Concen: 50.047 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	94341		
111	44.1	21.8	65.3	
148	64.0	31.9	95.7	





#92

1,2-Dibromo-3-Chloropropane

Concen: 67.801 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Instrument :

MSVOA_U

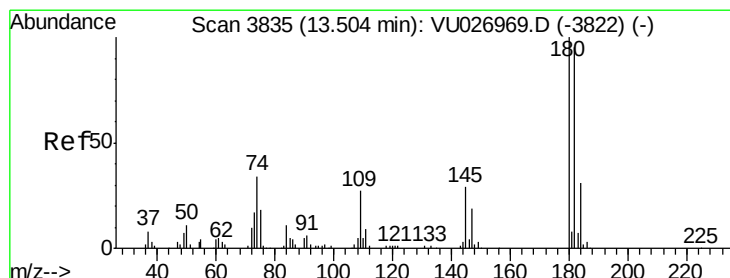
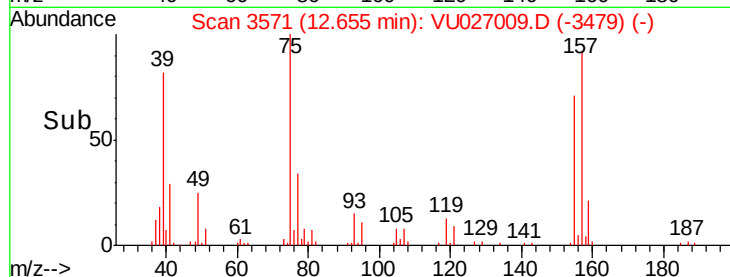
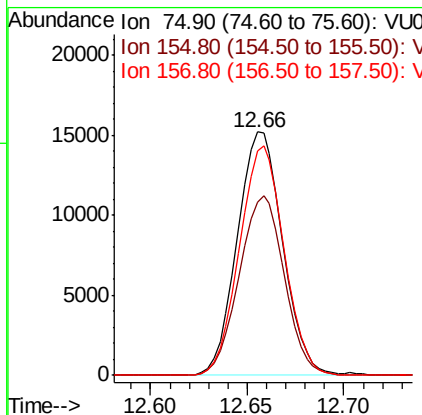
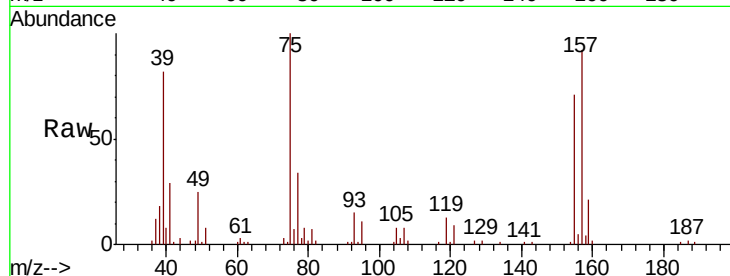
ClientSampleId :

BPSI-TT-MW308D-20180914MS

Tot Ion:	75	Resp:	24817
Ion Ratio	Lower	Upper	
75	100		
155	73.4	36.6	109.8
157	92.5	47.4	142.2

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#93

1,2,4-Trichlorobenzene

Concen: 49.790 ug/l

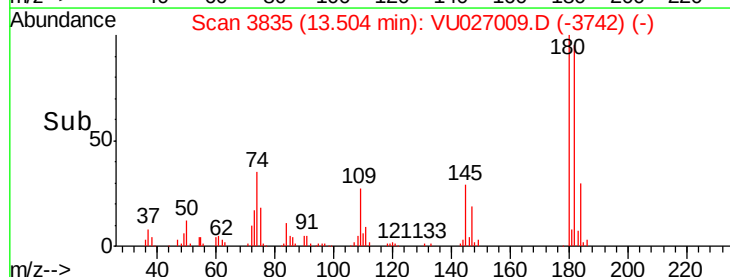
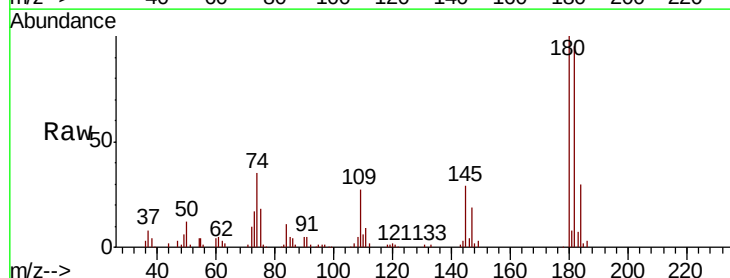
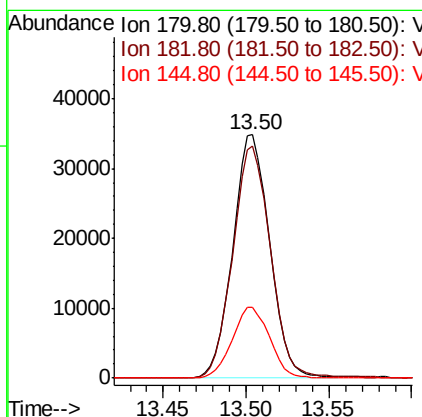
RT: 13.50 min Scan# 3835

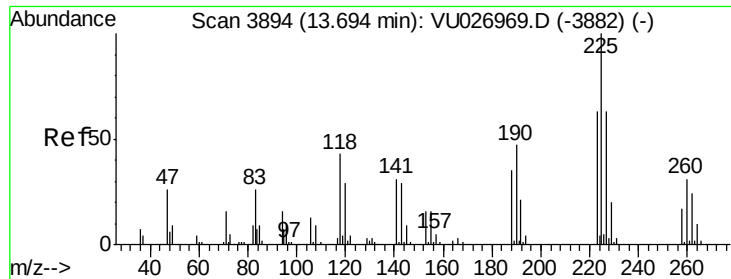
Delta R.T. -0.00 min

Lab File: VU027009.D

Acq: 22 Sep 2018 10:01

Tgt Ion:	180	Resp:	54086
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.4	142.2
145	29.4	14.9	44.5





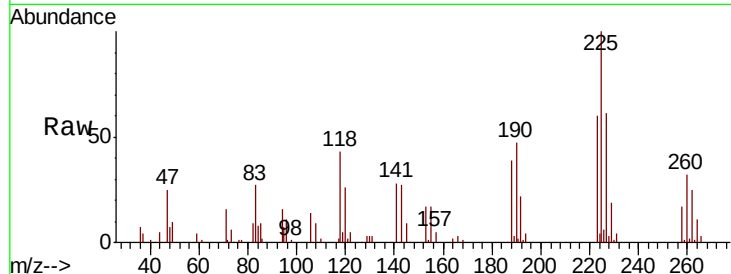
#94
Hexachlorobutadiene
Concen: 29.640 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Resp	Lower	Upper
225	100	17036		
223	63.3		31.9	95.7
227	64.0		32.1	96.5

Manual Integrations
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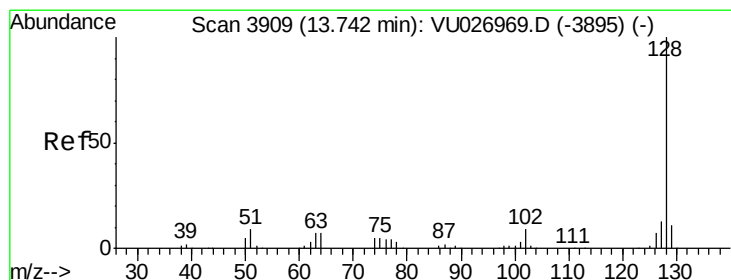
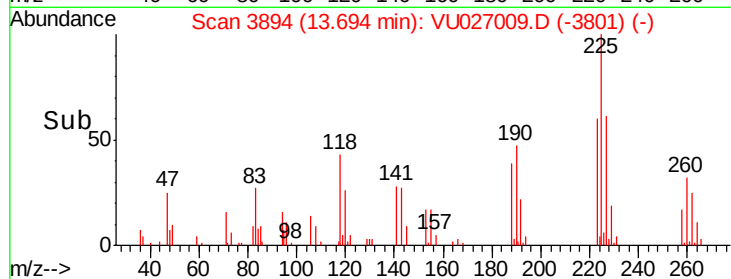
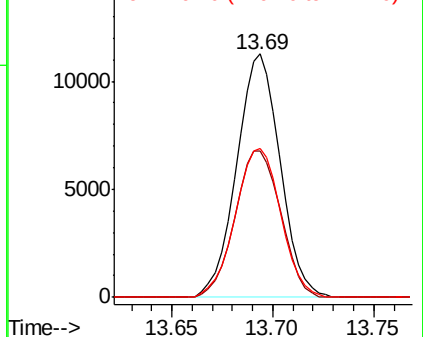


Abundance

Ion 224.70 (224.40 to 225.40): V

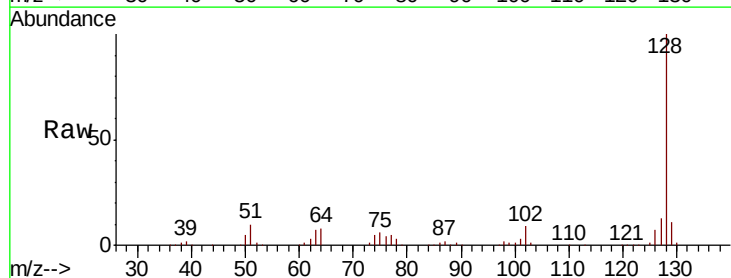
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 58.528 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027009.D
Acq: 22 Sep 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	249846		
127	13.2		10.6	15.8
129	10.7		8.6	12.8

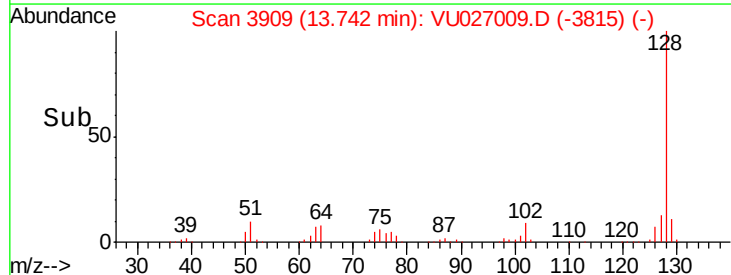
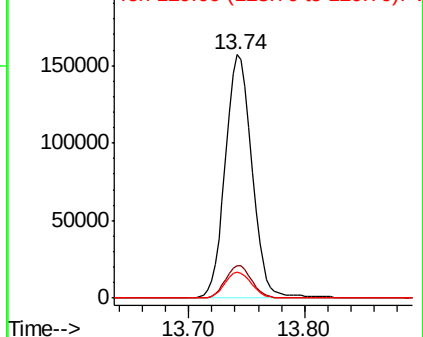


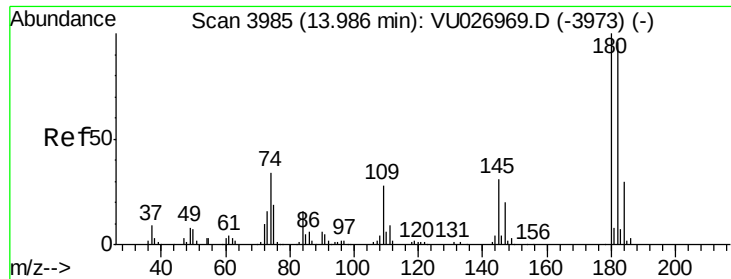
Abundance

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





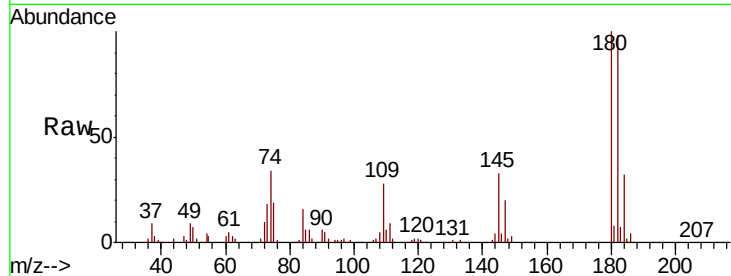
#96
 1,2,3-Trichlorobenzene
 Concen: 55.684 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027009.D
 Acq: 22 Sep 2018 10:01

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	31.8	15.4	46.4

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

