

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092218\
 Data File : VU026993.D
 Acq On : 22 Sep 2018 03:24
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:16 PM

Quant Time: Sep 22 04:53:22 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	77702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133072	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84172	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	4.88	113	58759	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	7.57	98	216401	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	10.31	95	79003	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	45910	45.254	ug/l	98
3) Chloromethane	1.33	50	81355	46.512	ug/l	99
4) Vinyl Chloride	1.40	62	74230	45.464	ug/l	98
5) Bromomethane	1.61	94	41897	45.062	ug/l	95
6) Chloroethane	1.69	64	50988	48.876	ug/l	100
7) Trichlorofluoromethane	1.88	101	85404	46.056	ug/l	98
8) Diethyl Ether	2.10	74	48142	53.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52569	46.105	ug/l	98
10) Methyl Iodide	2.41	142	61768	43.680	ug/l	99
11) Tert butyl alcohol	2.83	59	91481	255.211	ug/l	99
12) 1,1-Dichloroethene	2.28	96	49943	46.537	ug/l	96
13) Acrolein	2.19	56	51372	265.859	ug/l	99
14) Allyl chloride	2.59	41	111038	51.013	ug/l	98
15) Acrylonitrile	2.93	53	245740	272.005	ug/l	99
16) Acetone	2.32	43	217775	263.016	ug/l	99
17) Carbon Disulfide	2.48	76	162290	46.421	ug/l	99
18) Methyl Acetate	2.61	43	119237	53.568	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	224359	56.891	ug/l	100
20) Methylene Chloride	2.70	84	70265	50.169	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	57516	50.197	ug/l	99
22) Diisopropyl ether	3.57	45	269257	57.834	ug/l	96
23) Vinyl Acetate	3.52	43	1157539	291.673	ug/l	99
24) 1,1-Dichloroethane	3.44	63	135435	52.818	ug/l	99
25) 2-Butanone	4.26	43	344337	261.999	ug/l	98
26) 2,2-Dichloropropane	4.23	77	80102	40.056	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	68271	52.760	ug/l	99
28) Bromochloromethane	4.55	49	70975	57.421	ug/l	97
29) Tetrahydrofuran	4.64	42	223749	281.430	ug/l	99
30) Chloroform	4.67	83	123433	51.859	ug/l	100
31) Cyclohexane	5.00	56	113765	48.794	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	95292	50.144	ug/l	99
36) 1,1-Dichloropropene	5.14	75	86420	48.660	ug/l	99
37) Ethyl Acetate	4.38	43	125363	52.142	ug/l	100
38) Carbon Tetrachloride	5.13	117	78756	46.599	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	96978	50.247	ug/l	99
40) Benzene	5.39	78	273448	50.648	ug/l	99
41) Methacrylonitrile	4.54	41	71716	57.436	ug/l	99
42) 1,2-Dichloroethane	5.40	62	109635	53.747	ug/l	99
43) Isopropyl Acetate	5.55	43	196323	55.992	ug/l	99
44) Trichloroethene	6.19	130	57307	49.858	ug/l	99
45) 1,2-Dichloropropane	6.43	63	81556	53.015	ug/l	98
46) Dibromomethane	6.56	93	48590	52.298	ug/l	98
47) Bromodichloromethane	6.76	83	96421	51.324	ug/l	98
48) Methyl methacrylate	6.62	41	99999	52.351	ug/l	99
49) 1,4-Dioxane	6.61	88	40277	1062.826	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	664962	281.981	ug/l	100
52) Toluene	7.64	92	160067	51.723	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	110459	54.724	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	116135	52.328	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	70285	53.599	ug/l	99
56) Ethyl methacrylate	8.02	69	117585	51.606	ug/l	99
57) 1,3-Dichloropropane	8.24	76	132528	54.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	340547	263.468	ug/l	100
59) 2-Hexanone	8.36	43	501567	271.714	ug/l	100
60) Dibromochloromethane	8.48	129	68743	53.444	ug/l	99
61) 1,2-Dibromoethane	8.59	107	73197	53.649	ug/l	99
64) Tetrachloroethene	8.23	164	48424	47.576	ug/l	97
65) Chlorobenzene	9.12	112	170242	48.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	61927	51.336	ug/l	99
67) Ethyl Benzene	9.25	91	299595	52.021	ug/l	99
68) m/p-Xylenes	9.38	106	225119	96.572	ug/l	100
69) o-Xylene	9.78	106	109992	53.904	ug/l	100
70) Styrene	9.79	104	185177	48.654	ug/l	99
71) Bromoform	9.96	173	49695	53.272	ug/l #	100
73) Isopropylbenzene	10.17	105	289268	52.574	ug/l	100
74) N-amyl acetate	10.01	43	177737	55.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	123597	48.858	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	110877m	50.459	ug/l	
77) Bromobenzene	10.45	156	67835	50.453	ug/l	97
78) n-propylbenzene	10.59	91	349045	53.615	ug/l	100
79) 2-Chlorotoluene	10.66	91	211854	51.808	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	241376	53.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	32921m	47.945	ug/l	
82) 4-Chlorotoluene	10.77	91	242097	52.800	ug/l	99
83) tert-Butylbenzene	11.10	119	228562	50.901	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	250876	54.277	ug/l	99
85) sec-Butylbenzene	11.32	105	288183	52.575	ug/l	100
86) p-Isopropyltoluene	11.48	119	248456	48.338	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	125724	50.249	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	127375	46.711	ug/l	99
89) n-Butylbenzene	11.89	91	230732	46.456	ug/l	100
90) Hexachloroethane	12.15	117	46189	46.339	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	127157	47.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26373	51.104	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	82790	54.056	ug/l	99
94) Hexachlorobutadiene	13.69	225	38639	47.680	ug/l	99
95) Naphthalene	13.75	128	299325	49.986	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	87353	53.185	ug/l	99

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

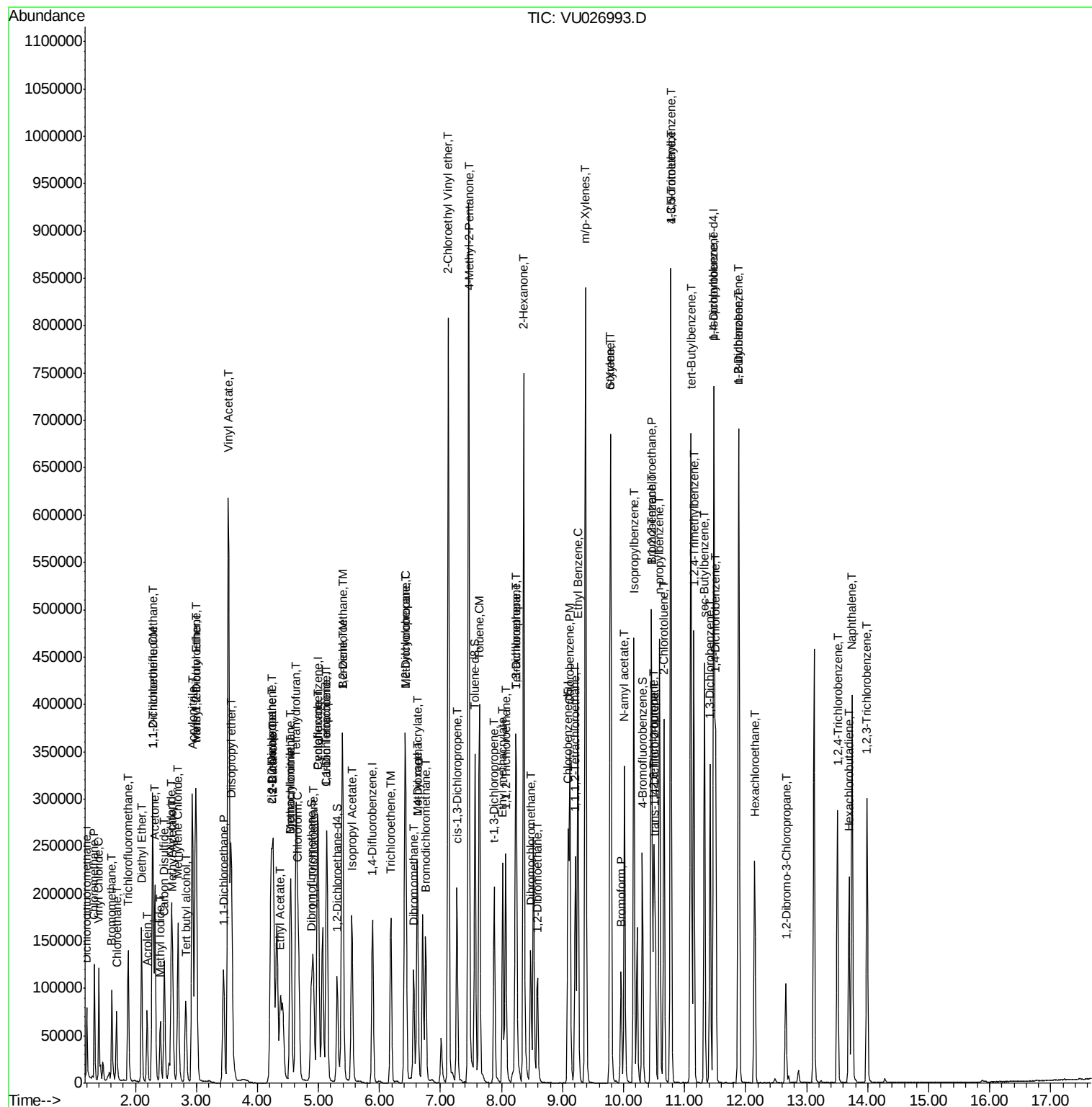
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092218\
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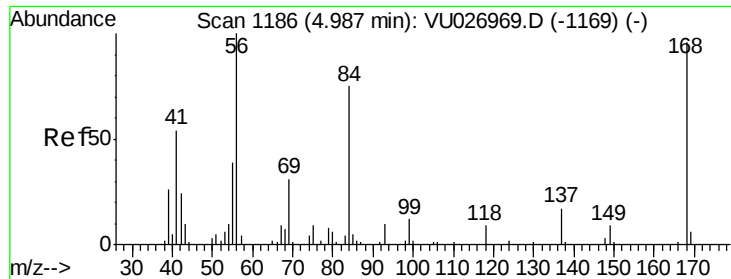
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 77702

Ion Ratio Lower Upper

168 100

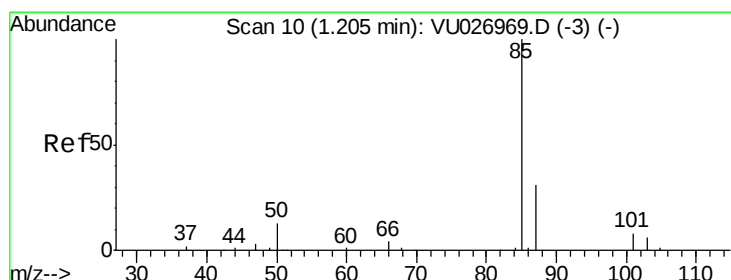
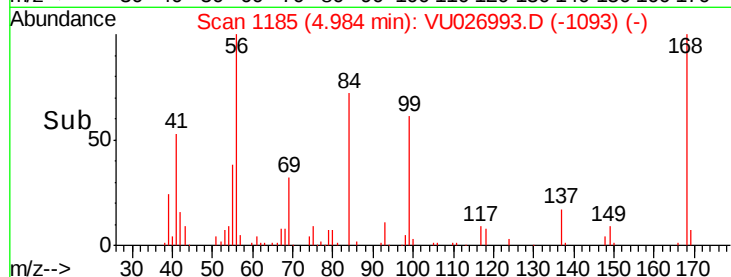
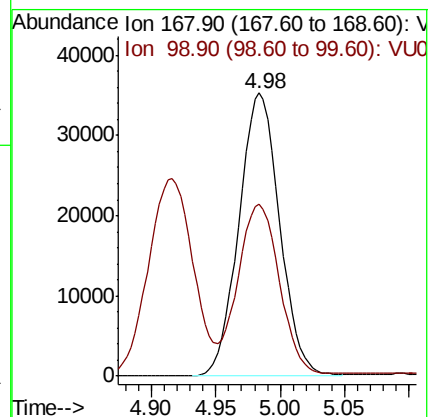
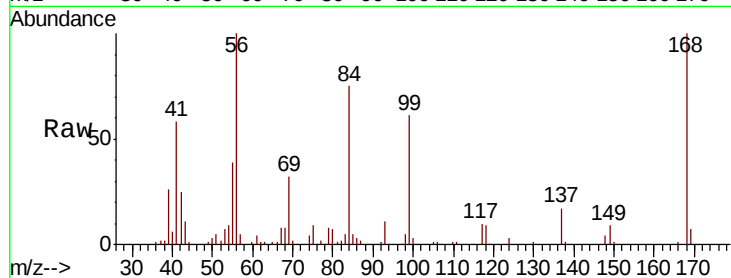
99 59.5 48.1 72.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.254 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026993.D

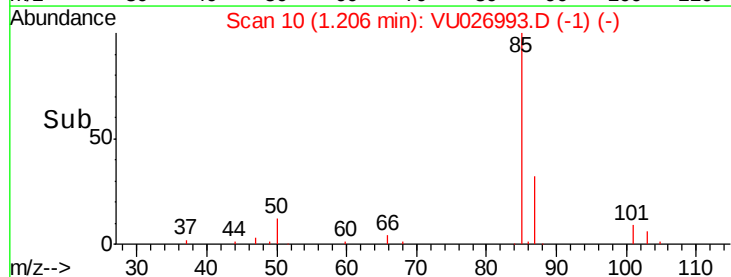
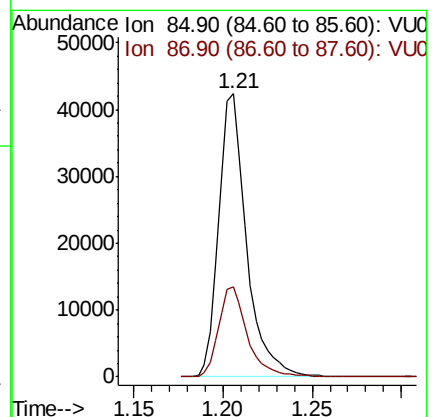
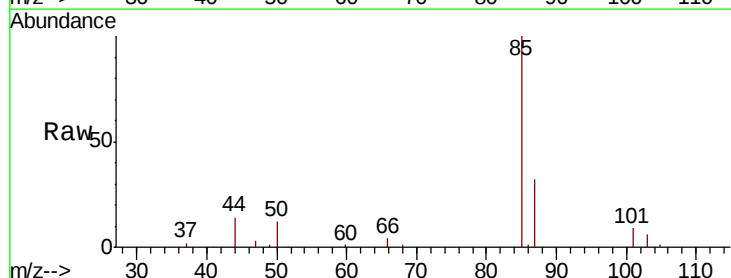
Acq: 22 Sep 2018 03:24

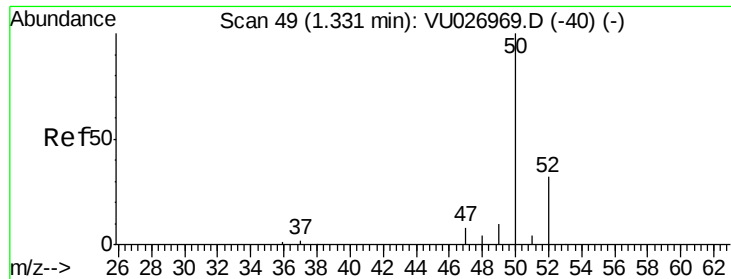
Tgt Ion: 85 Resp: 45910

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.7





#3

Chloromethane

Concen: 46.512 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 81355

Ion Ratio Lower Upper

50 100

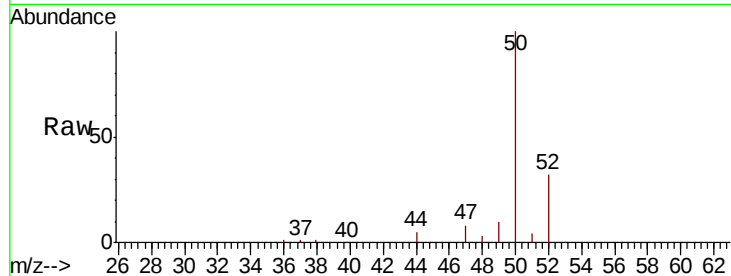
52 31.7 25.9 38.9

Manual Integrations

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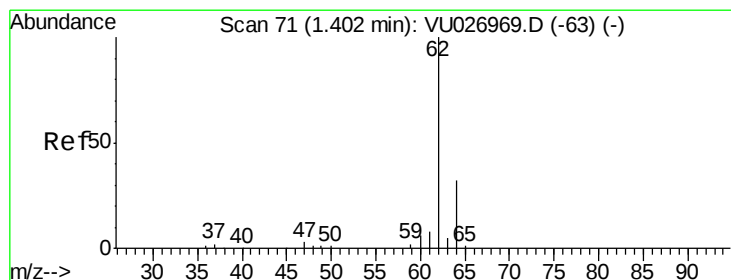
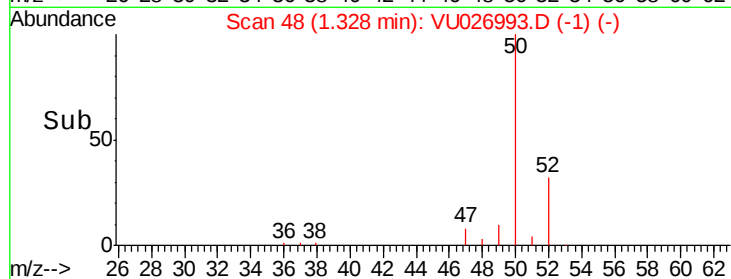
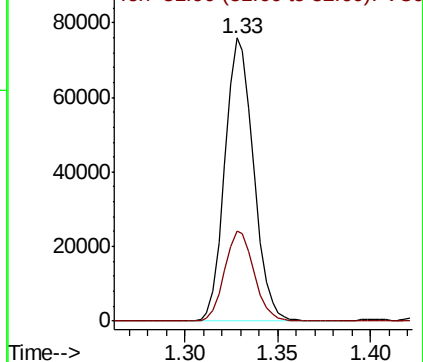
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 45.464 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026993.D

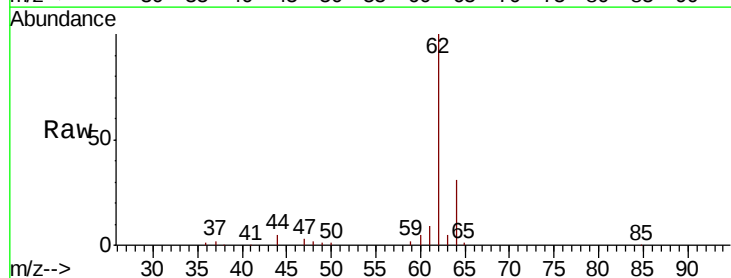
Acq: 22 Sep 2018 03:24

Tgt Ion: 62 Resp: 74230

Ion Ratio Lower Upper

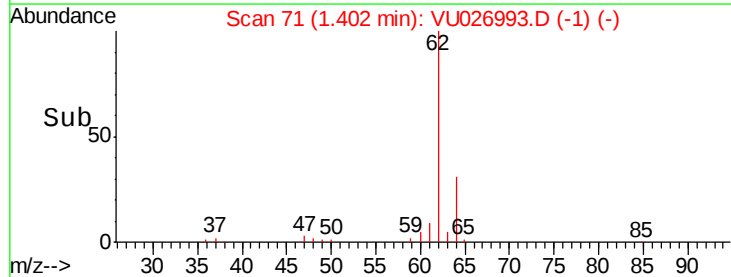
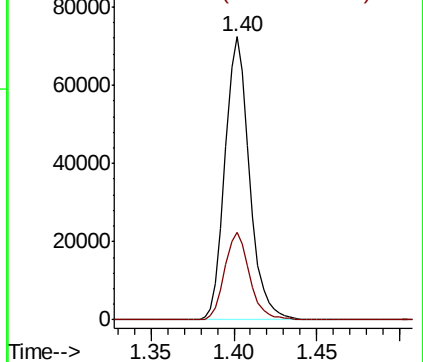
62 100

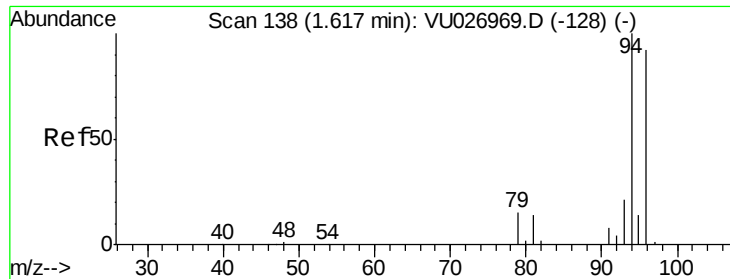
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 45.062 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 41897

Ion Ratio Lower Upper

94 100

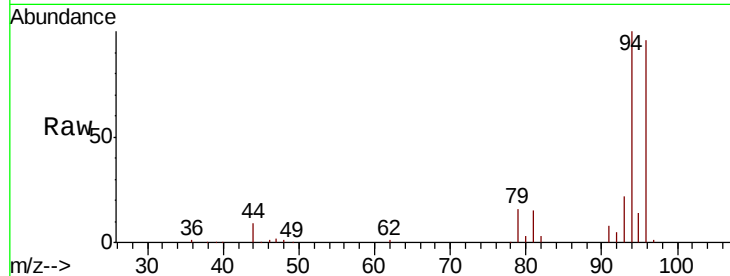
96 96.5 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU026993.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026993.D (-128) (-)

1.61

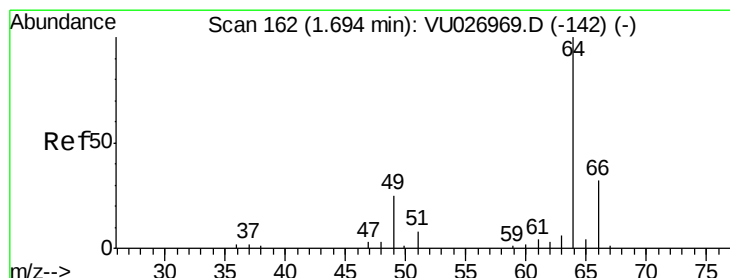
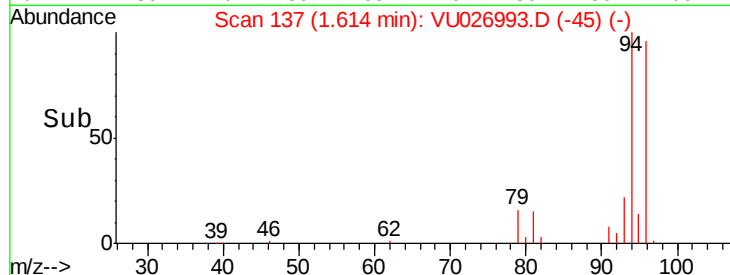
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 48.876 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU026993.D

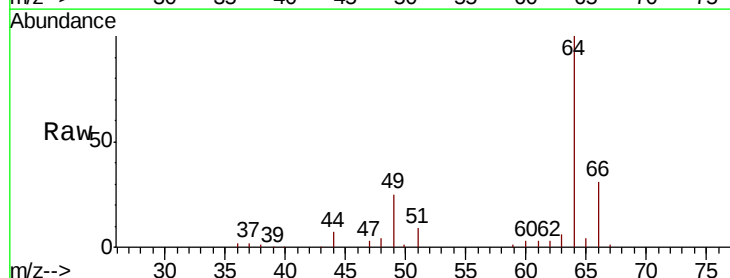
Acq: 22 Sep 2018 03:24

Tgt Ion: 64 Resp: 50988

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026993.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026993.D (-142) (-)

1.69

40000

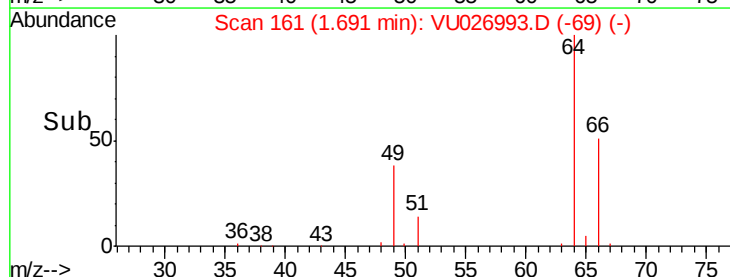
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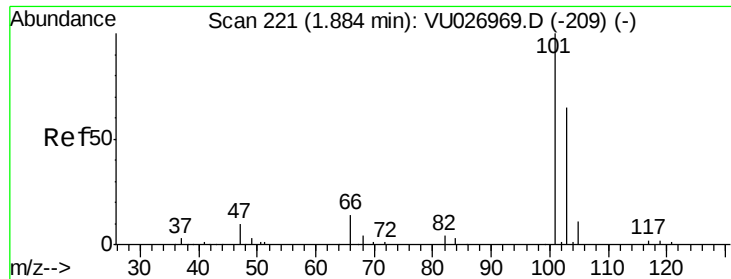
20000

10000

0

Time-->





#7

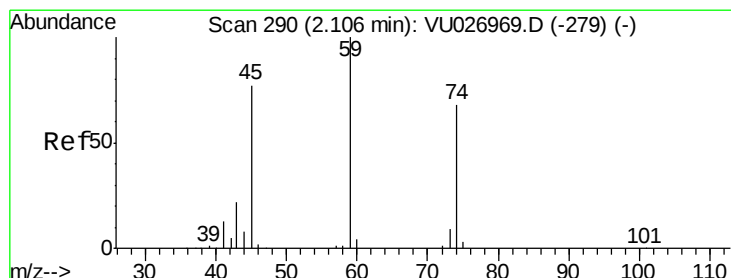
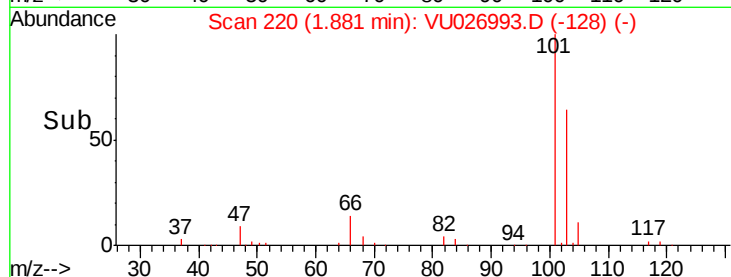
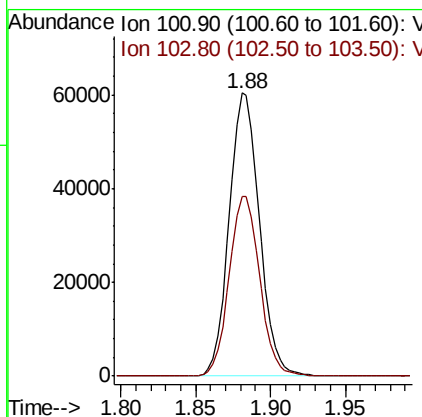
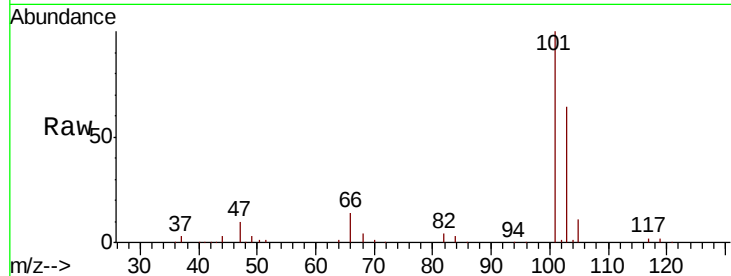
Trichlorofluoromethane
 Concen: 46.056 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.2

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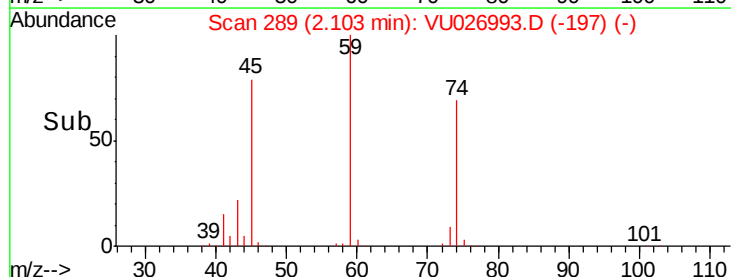
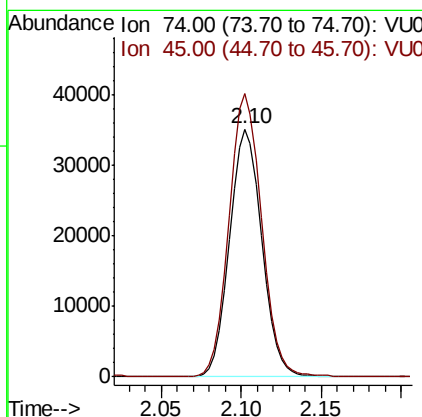
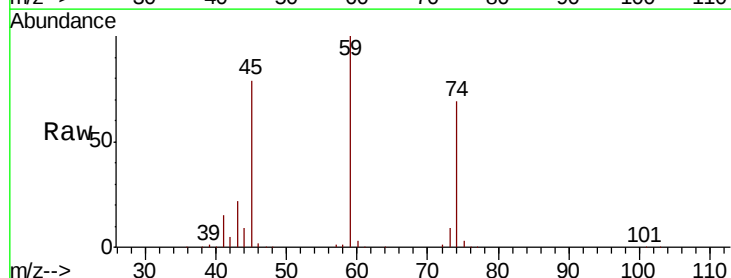
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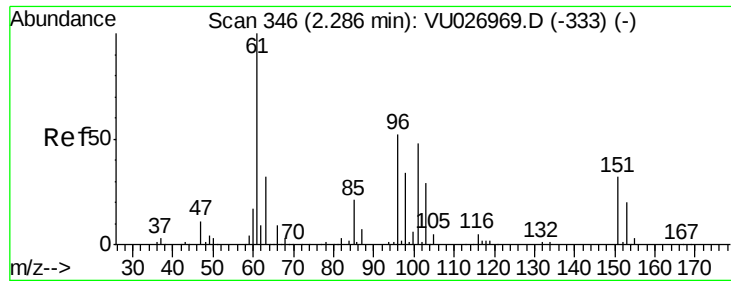


#8

Diethyl Ether
 Concen: 53.936 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	116.2	56.9	170.7





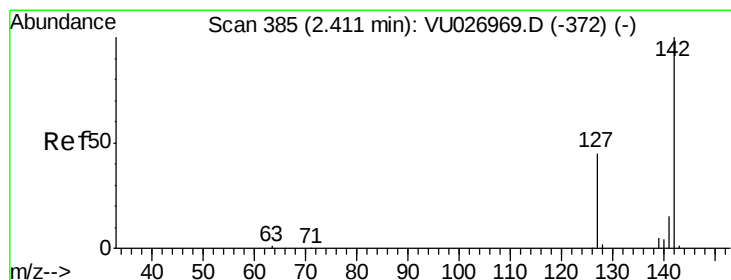
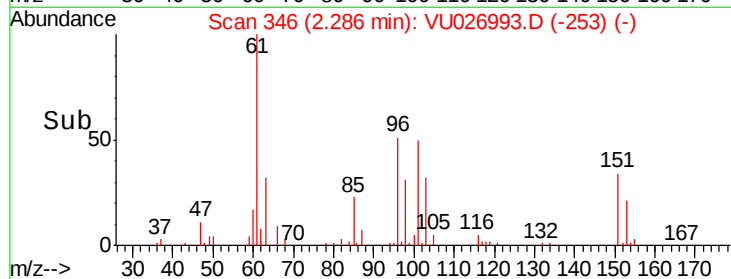
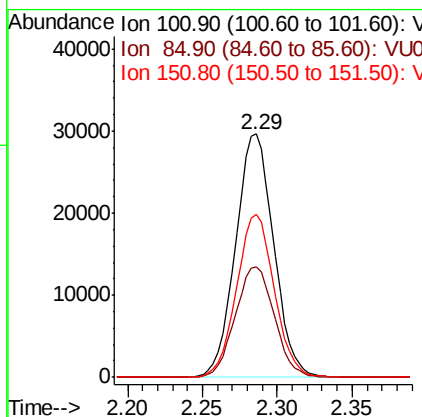
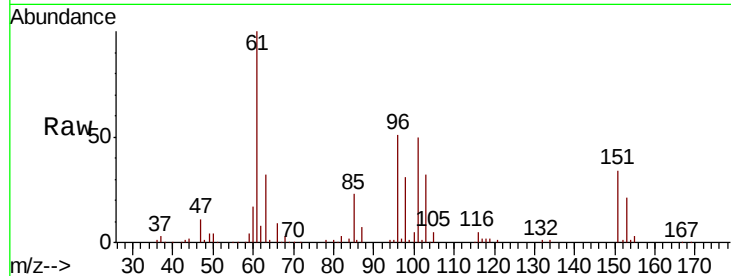
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.105 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.4	36.2	54.2
151	66.3	54.5	81.7

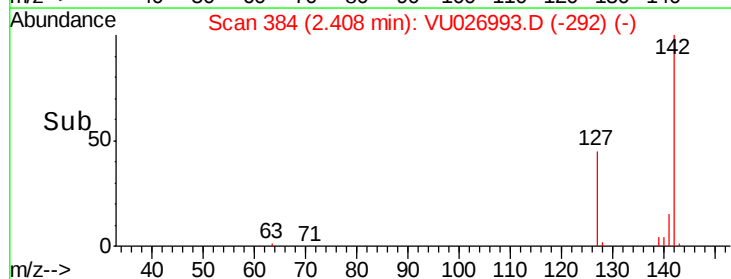
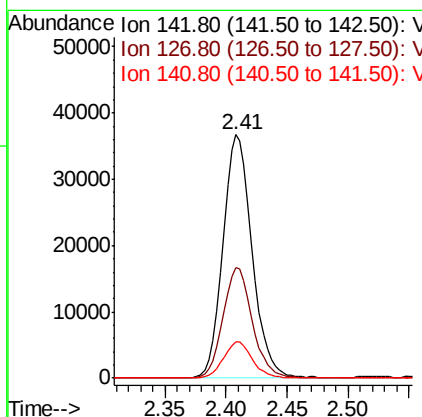
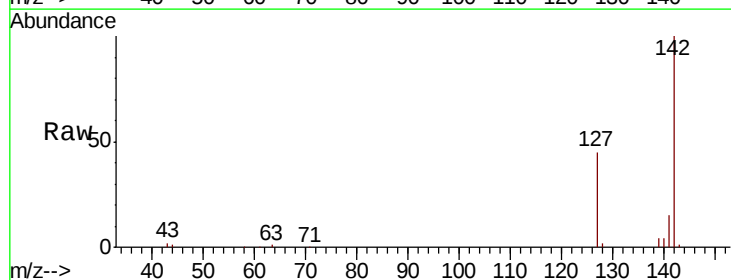
Manual Integrations
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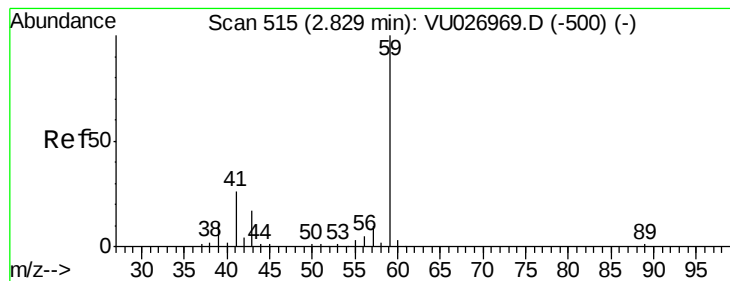
MMDadoda
 9/24/2018 2:14:16 PM



#10
 Methyl Iodide
 Concen: 43.680 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.7	55.1
141	14.6	11.8	17.6





#11

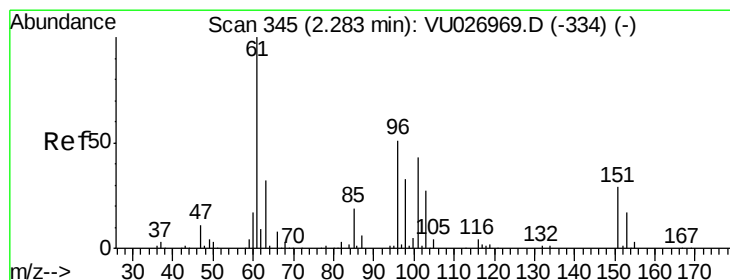
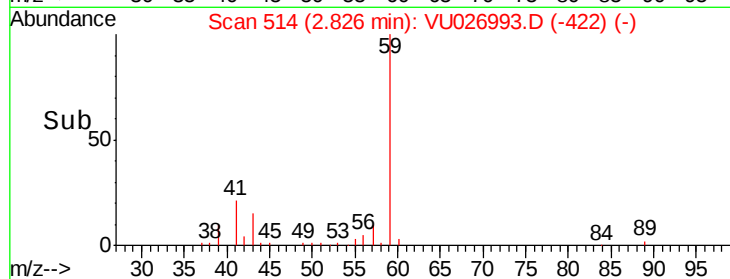
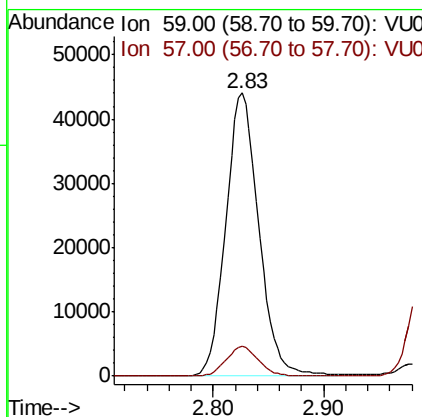
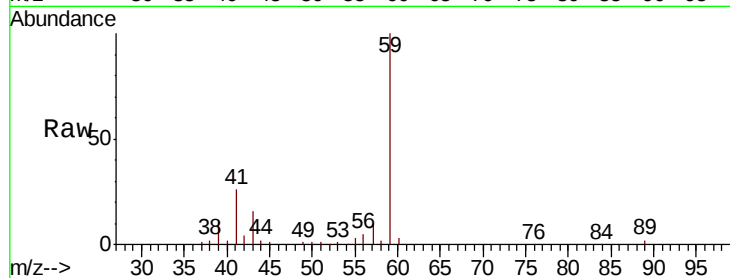
Tert butyl alcohol
 Concen: 255.211 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	91481
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

Manual Integrations
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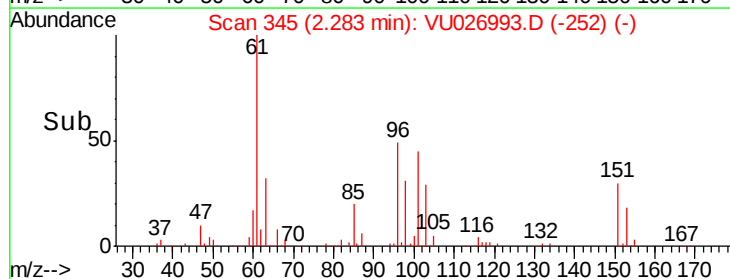
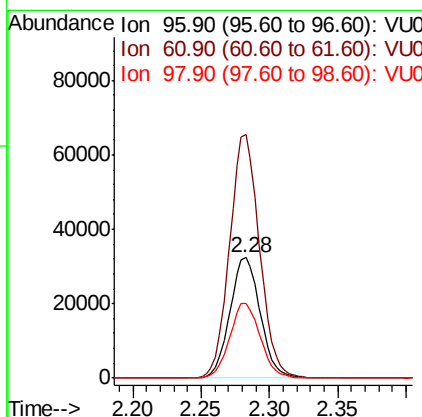
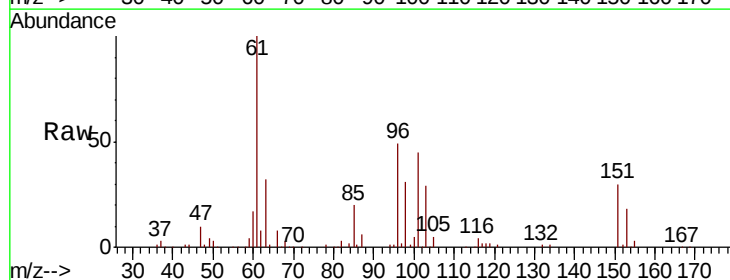
MMDadoda
 9/24/2018 2:14:16 PM

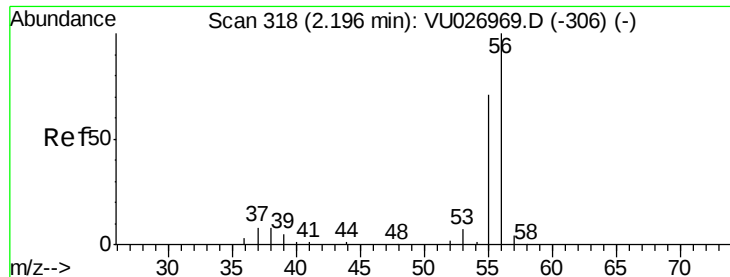


#12

1,1-Dichloroethene
 Concen: 46.537 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	96	Resp	49943
Ion Ratio	100	Lower	Upper
61	202.4	156.1	234.1
98	62.4	51.4	77.0





#13

Acrolein

Concen: 265.859 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 51372

Ion Ratio Lower Upper

56 100

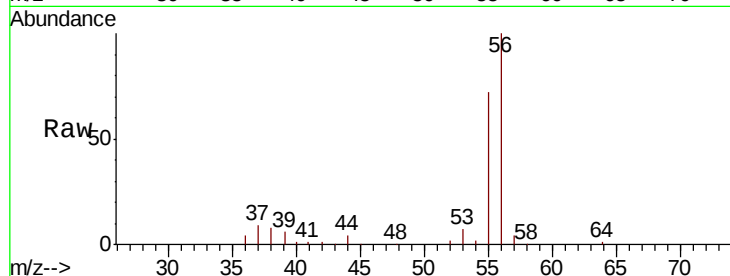
55 72.2 57.1 85.7

Manual Integrations

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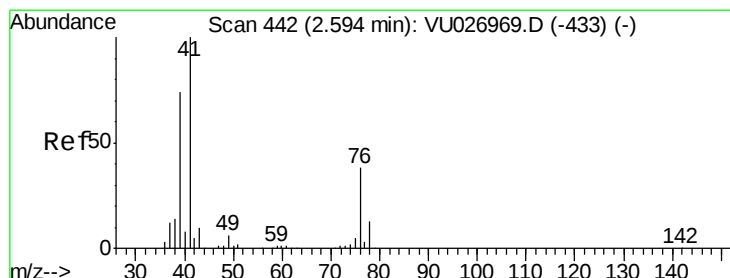
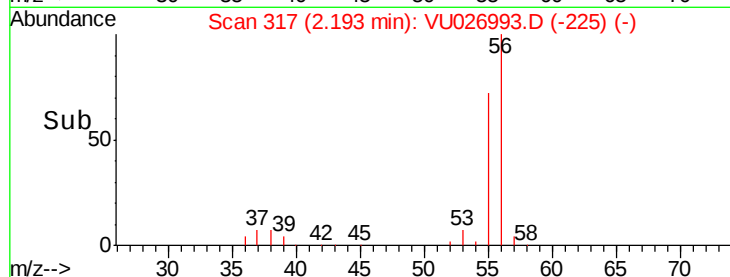
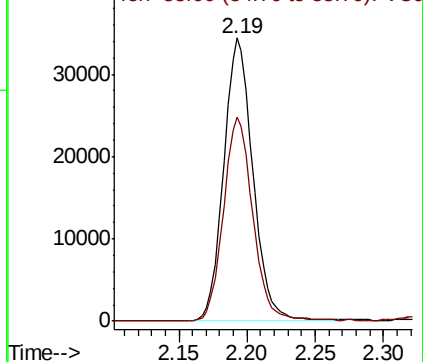
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 51.013 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

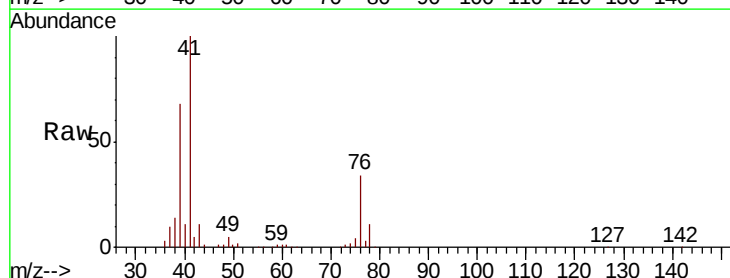
Tgt Ion: 41 Resp: 111038

Ion Ratio Lower Upper

41 100

39 67.7 55.7 83.5

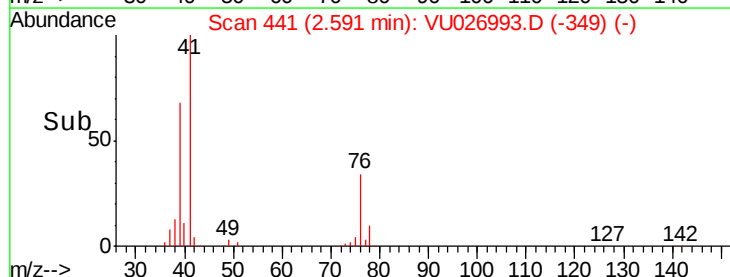
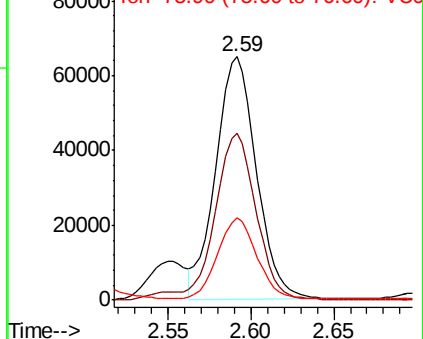
76 32.3 26.5 39.7

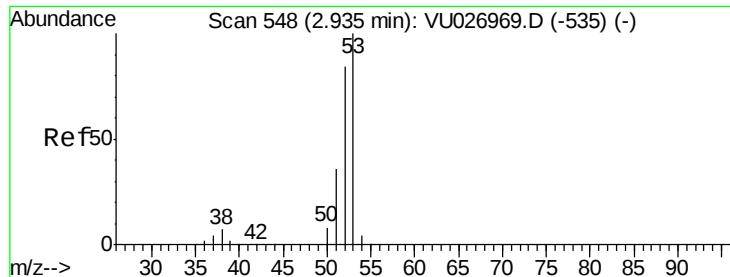


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 272.005 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

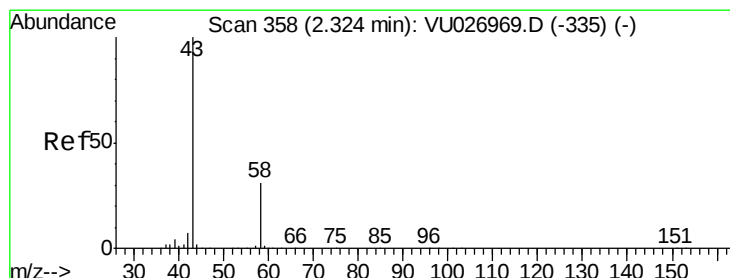
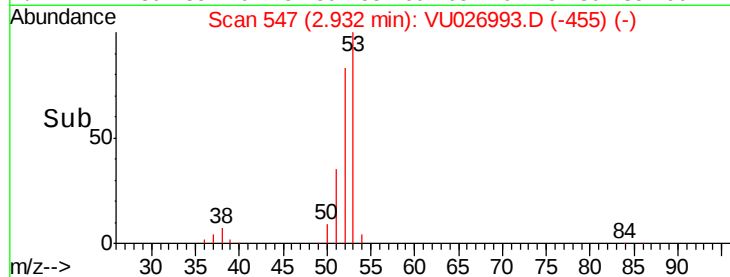
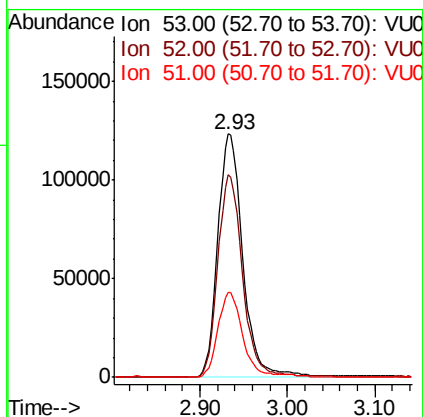
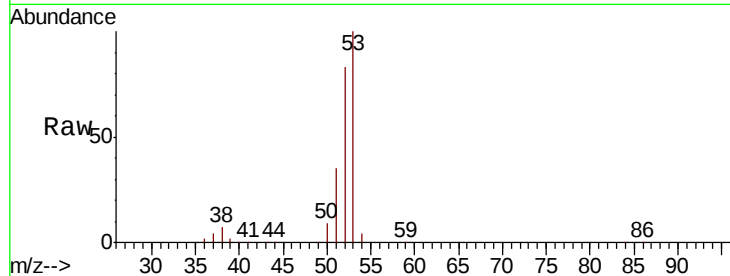
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	245740
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	35.4	27.4	41.2

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#16

Acetone

Concen: 263.016 ug/l

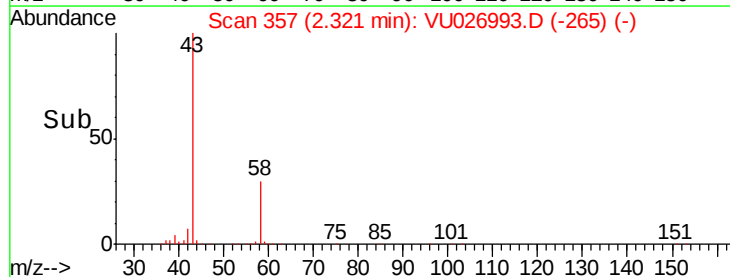
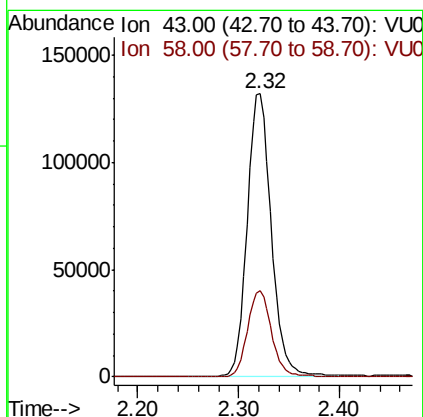
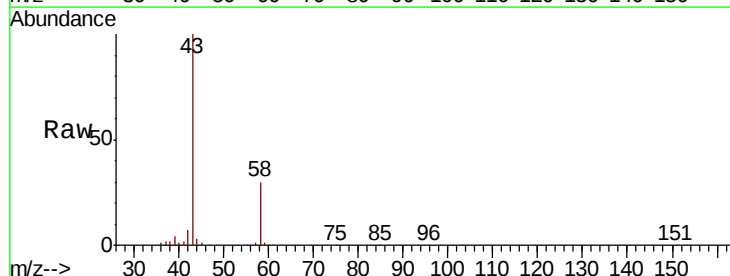
RT: 2.32 min Scan# 357

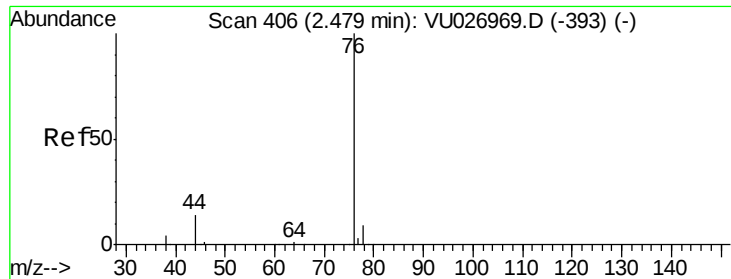
Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion:	43	Resp:	217775
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8





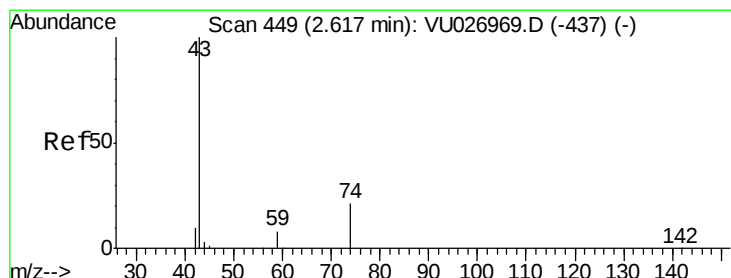
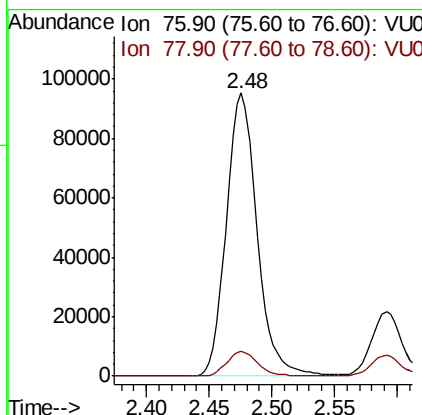
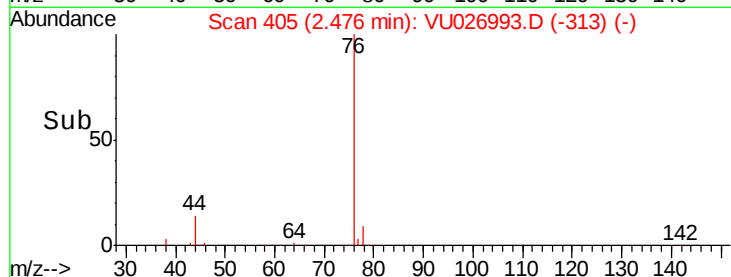
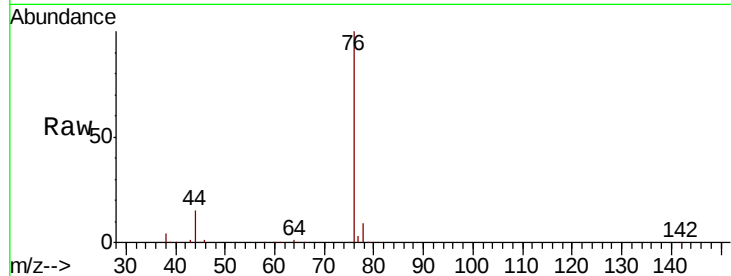
#17
Carbon Disulfide
Concen: 46.421 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 162290
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

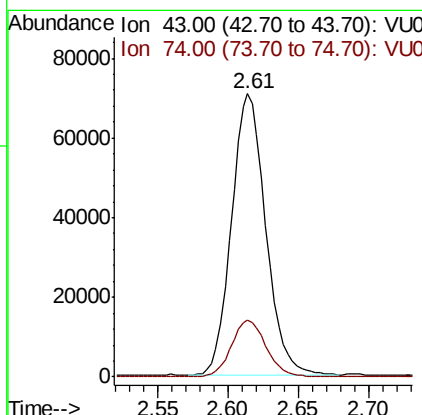
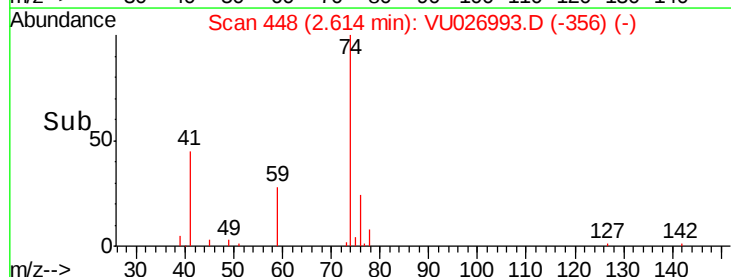
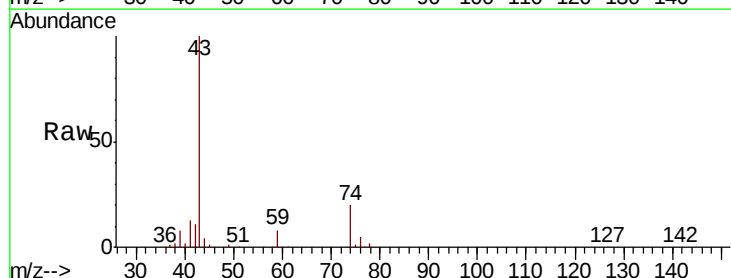
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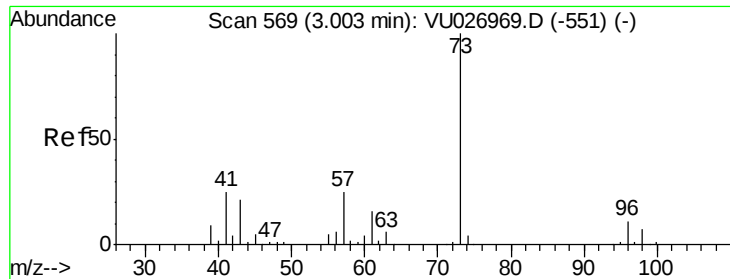
MMDadoda
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#18
Methyl Acetate
Concen: 53.568 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion: 43 Resp: 119237
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0





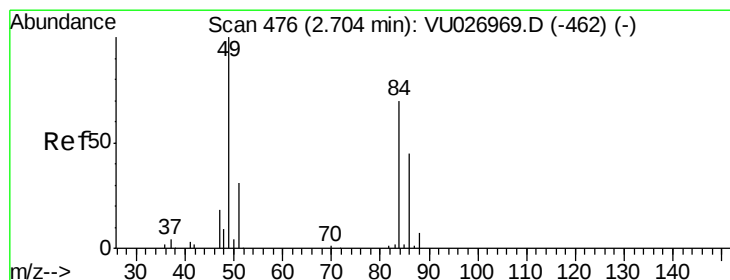
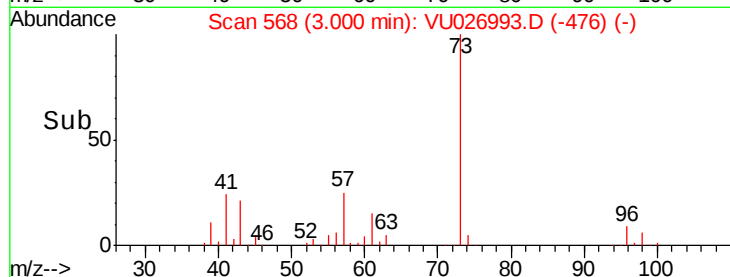
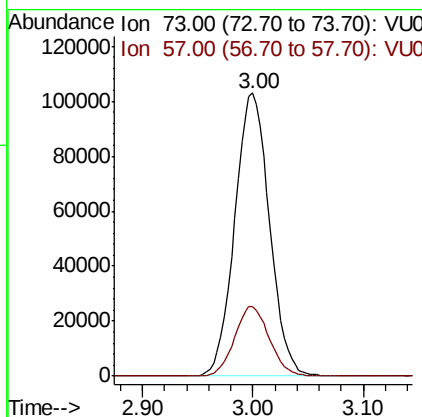
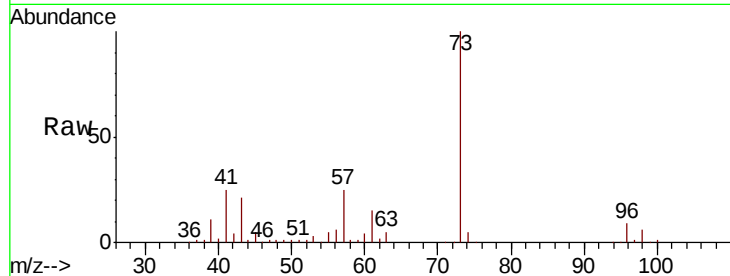
#19
Methyl tert-butyl Ether
Concen: 56.891 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.8	29.6

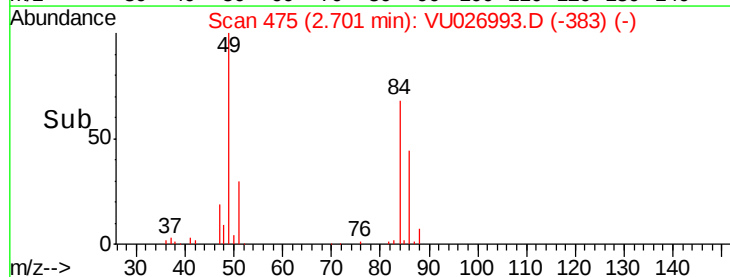
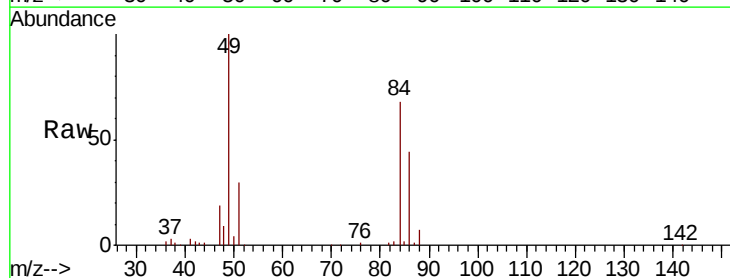
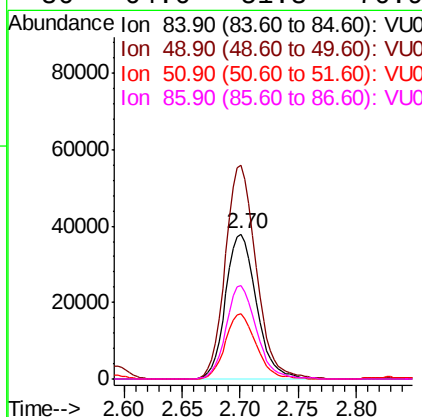
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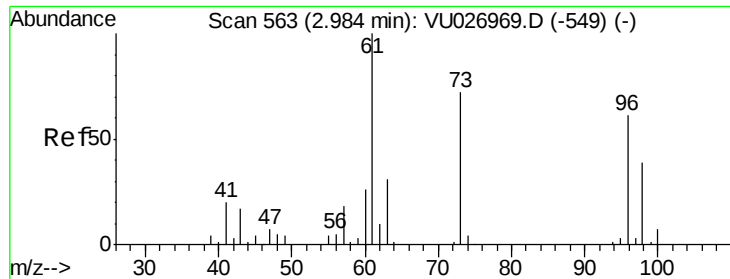
MMDadoda
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#20
Methylene Chloride
Concen: 50.169 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.6	114.9	172.3
51	44.9	35.8	53.8
86	64.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.197 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 57516

Ion Ratio Lower Upper

96 100

61 163.2 131.8 197.6

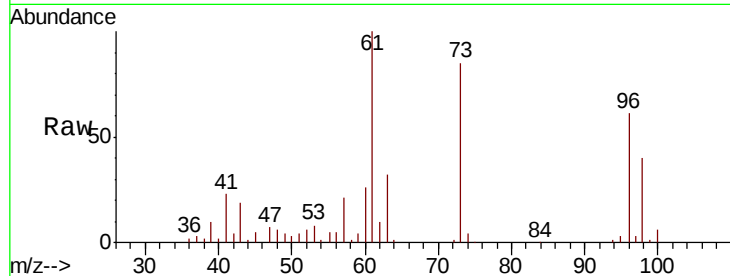
98 64.7 50.9 76.3

Manual Integrations

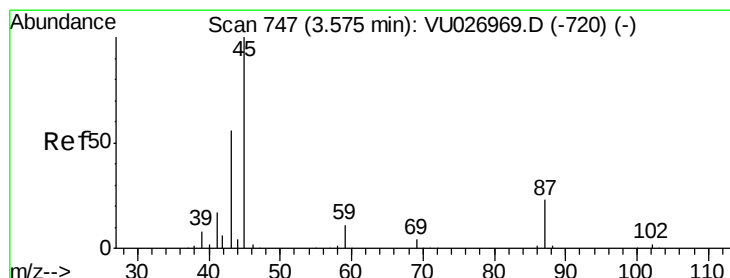
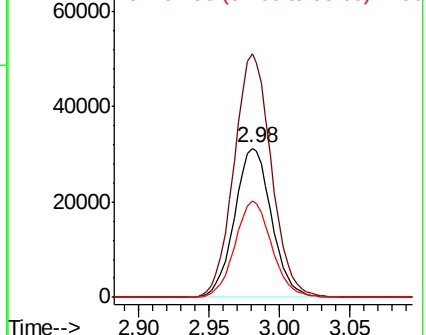
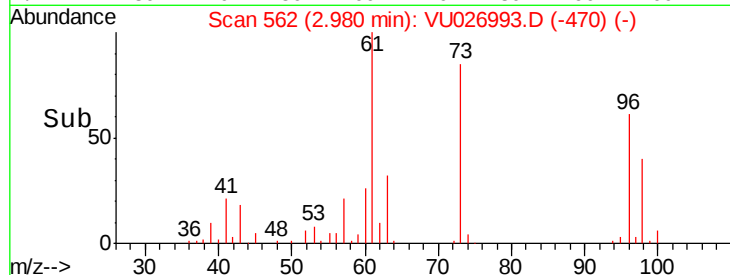
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Abundance Ion 95.90 (95.60 to 96.60): VU026993.D (-470) (-)



#22

Diisopropyl ether

Concen: 57.834 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion: 45 Resp: 269257

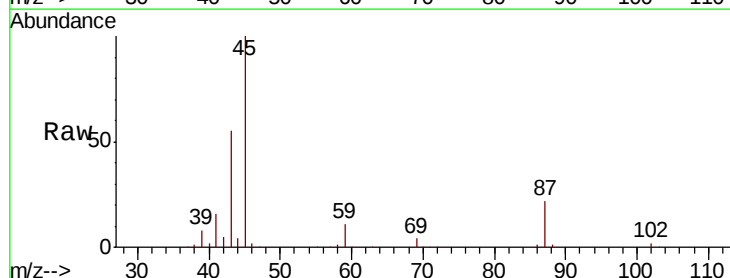
Ion Ratio Lower Upper

45 100

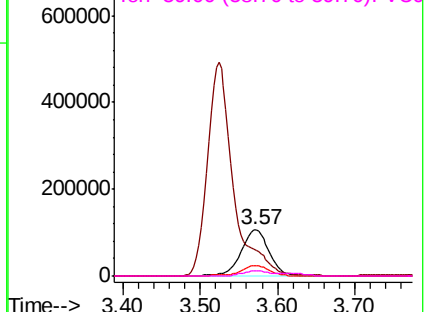
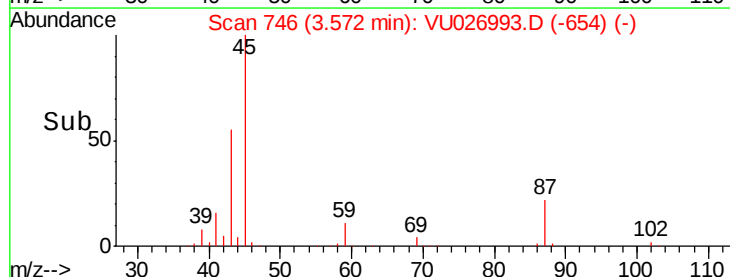
43 53.9 45.8 68.6

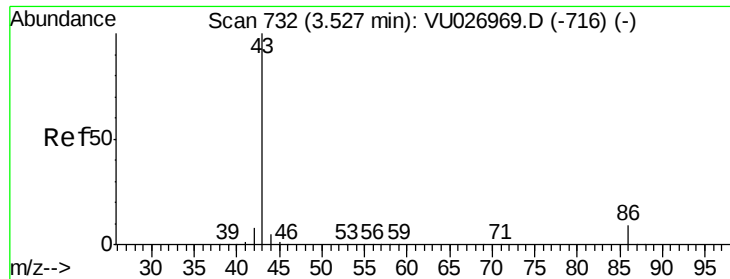
87 21.8 18.6 28.0

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU026993.D (-654) (-)





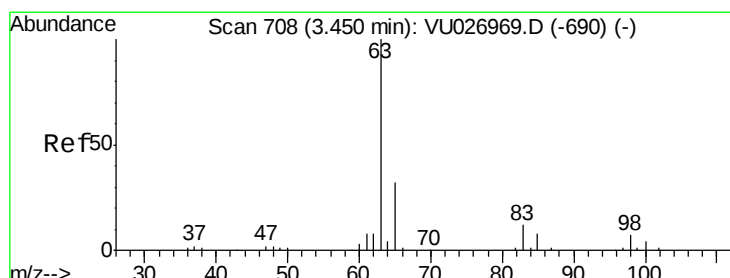
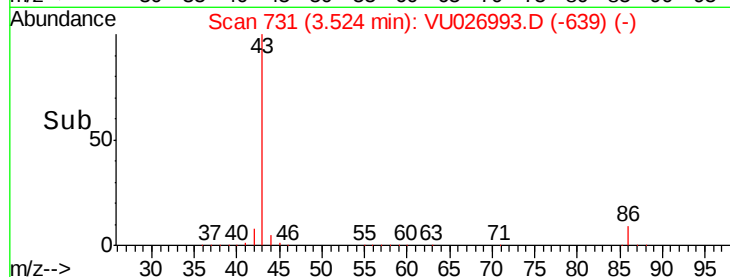
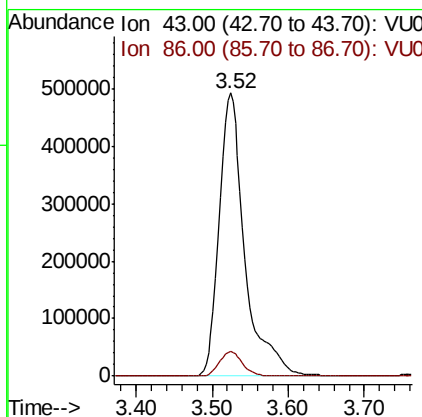
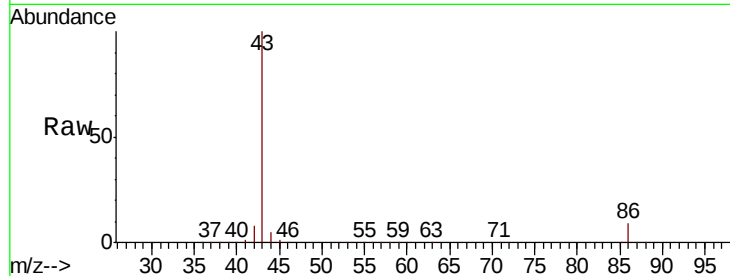
#23
 Vinyl Acetate
 Concen: 291.673 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 1157539
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8

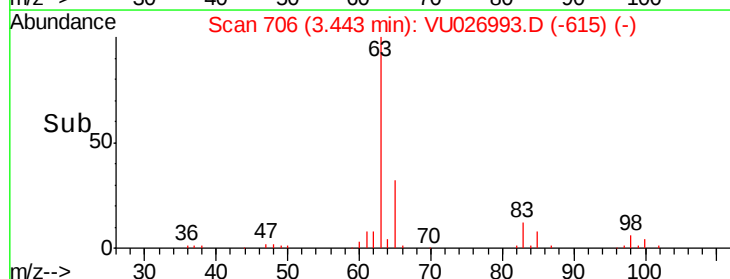
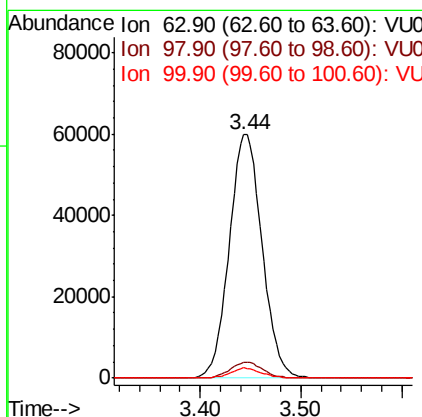
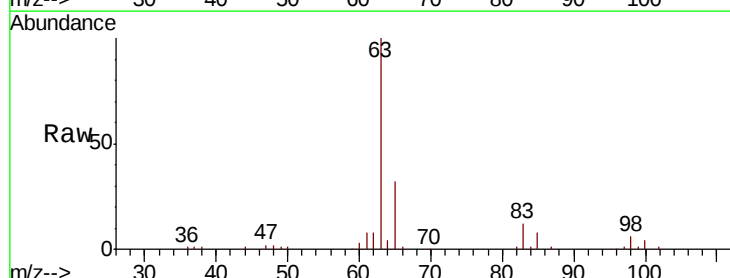
Manual Integrations
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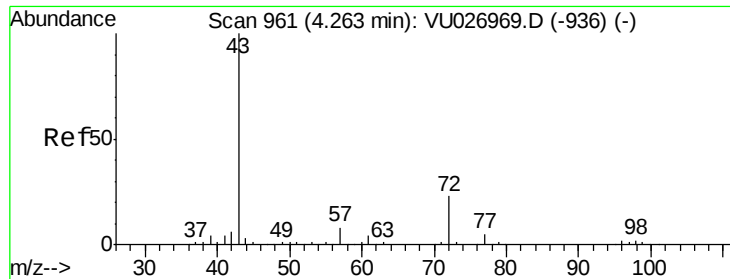
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 52.818 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion: 63 Resp: 135435
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 261.999 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 344337

Ion Ratio Lower Upper

43 100

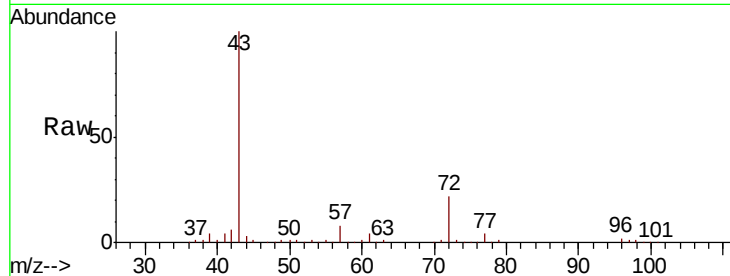
72 21.9 18.4 27.6

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

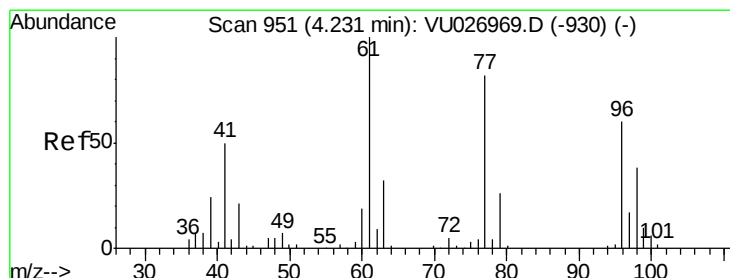
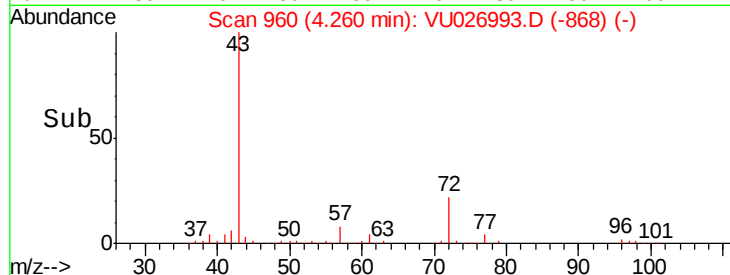
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 40.056 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026993.D

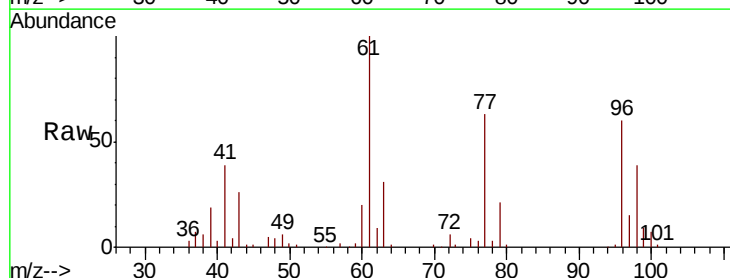
Acq: 22 Sep 2018 03:24

Tgt Ion: 77 Resp: 80102

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

30000

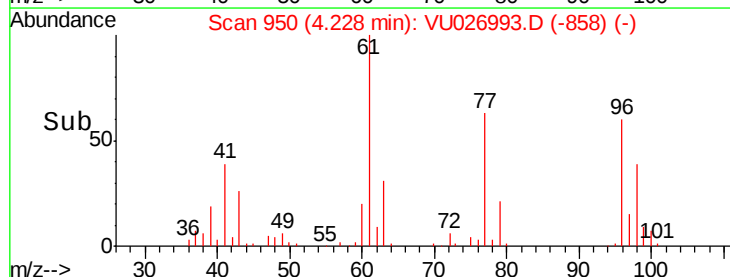
20000

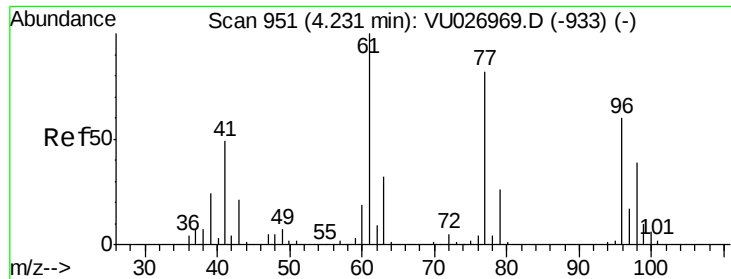
10000

0

4.10 4.20 4.30

Time-->





#27

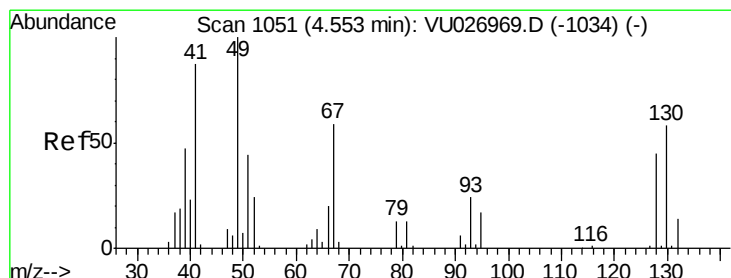
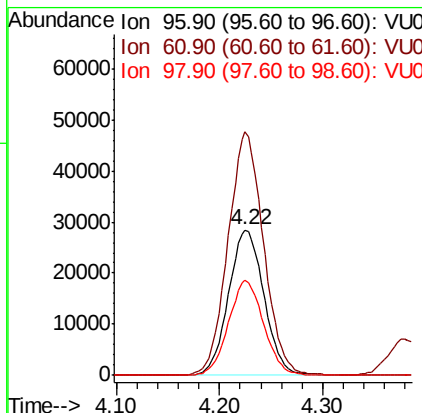
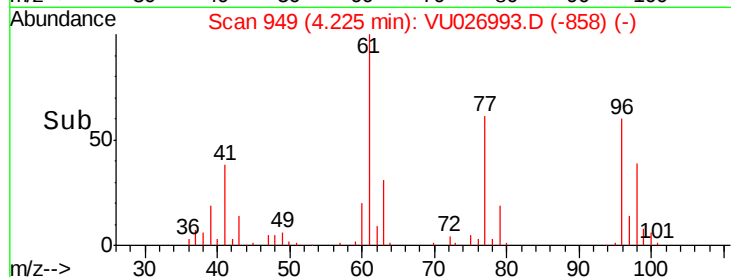
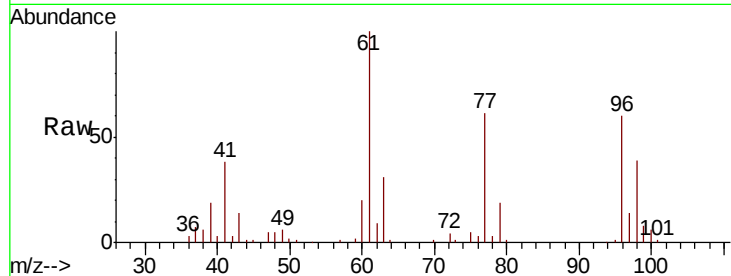
cis-1,2-Dichloroethene
Concen: 52.760 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.01 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.5	0.0	337.2
98	64.6	0.0	127.6

Manual Integrations
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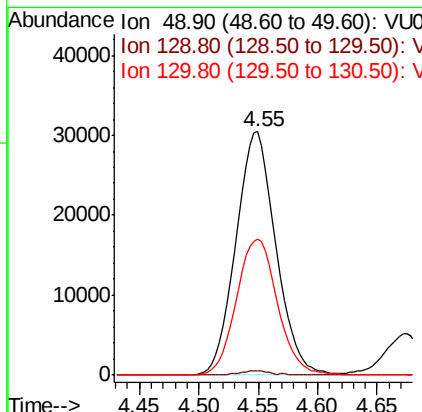
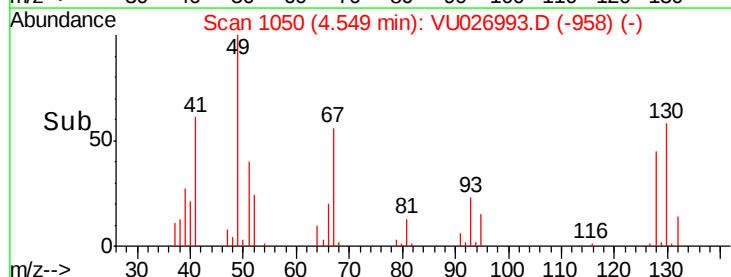
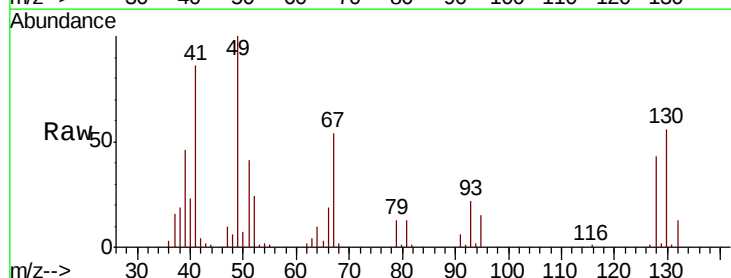
MMDadoda
9/24/2018 2:14:16 PM

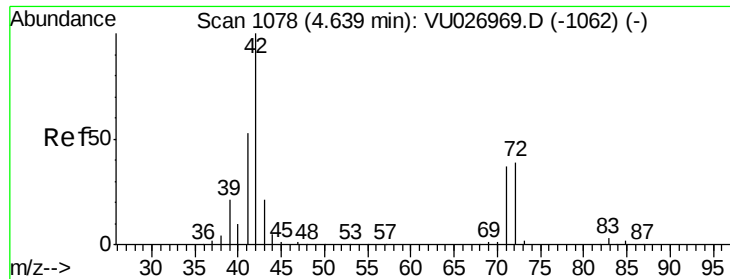


#28

Bromochloromethane
Concen: 57.421 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

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





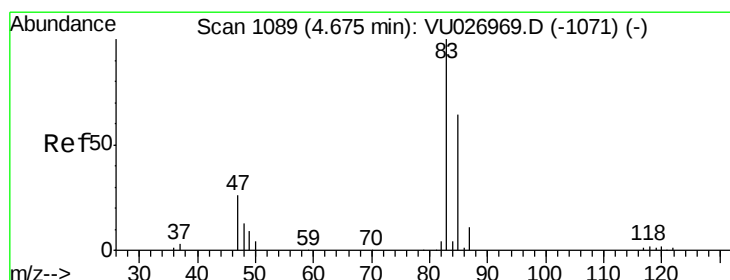
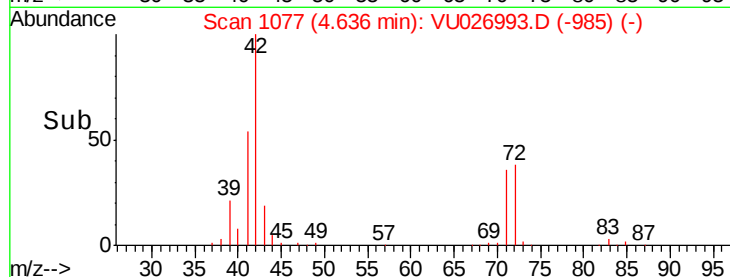
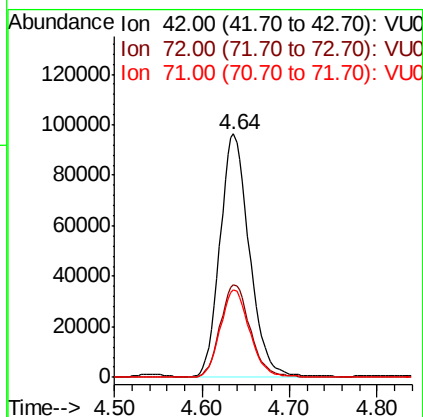
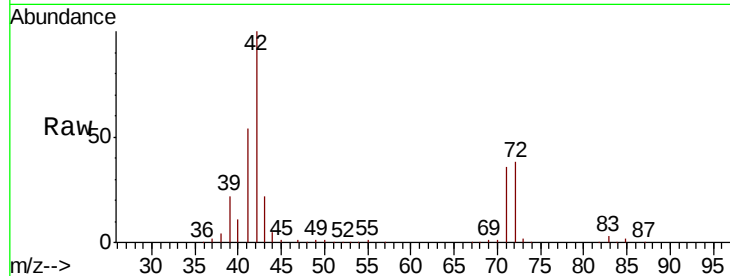
#29
Tetrahydrofuran
Concen: 281.430 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	223749
Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.7	47.5
71	36.2	29.6	44.4

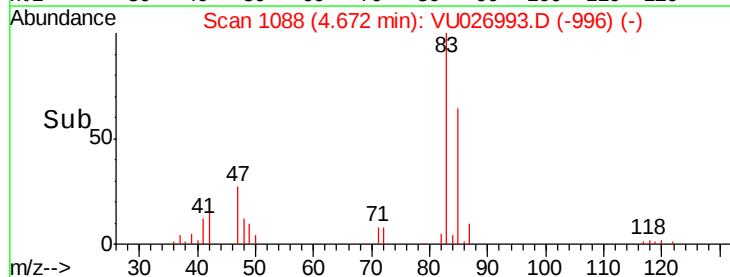
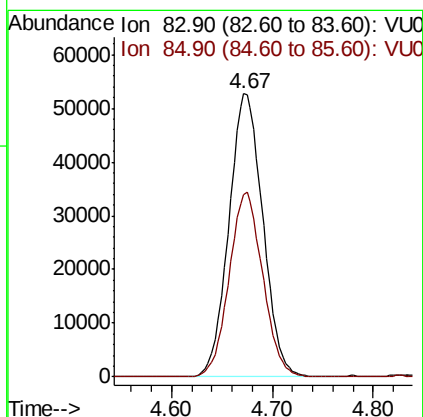
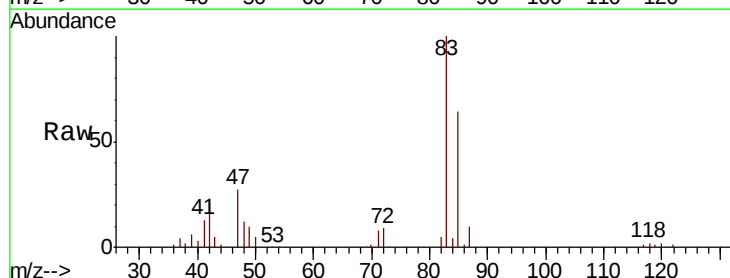
Manual Integrations
APPROVED

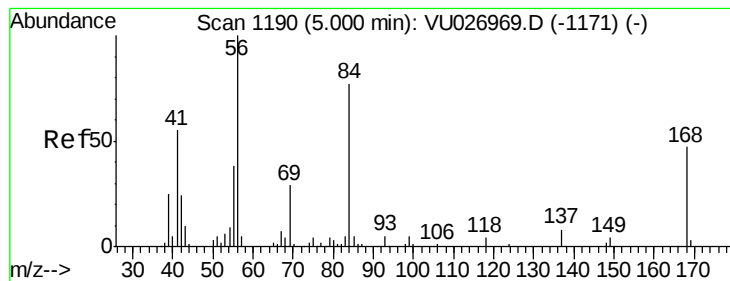
MMDadoda
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#30
Chloroform
Concen: 51.859 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion:	83	Resp:	123433
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3





#31

Cyclohexane

Concen: 48.794 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 113765

Ion Ratio Lower Upper

56 100

69 29.5 23.0 34.4

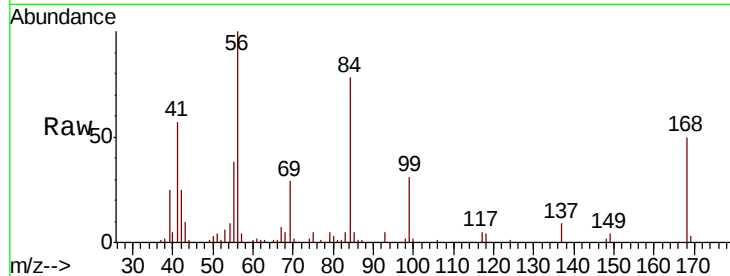
84 77.7 61.4 92.2

Manual Integrations

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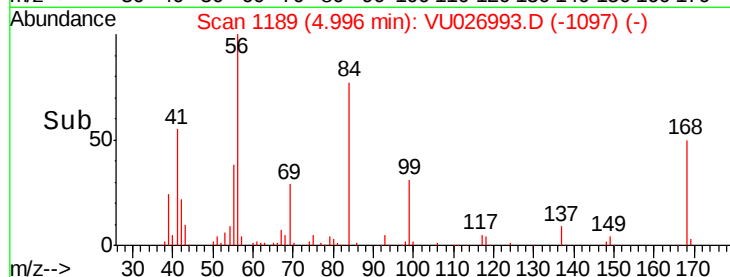


Abundance Ion 56.00 (55.70 to 56.70): VU026993.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026993.D (-1171) (-)

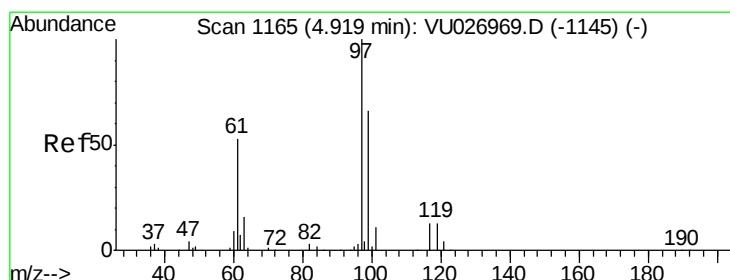
Ion 84.00 (83.70 to 84.70): VU026993.D (-1171) (-)

Time-->



Abundance

Time-->



#32

1,1,1-Trichloroethane

Concen: 50.144 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

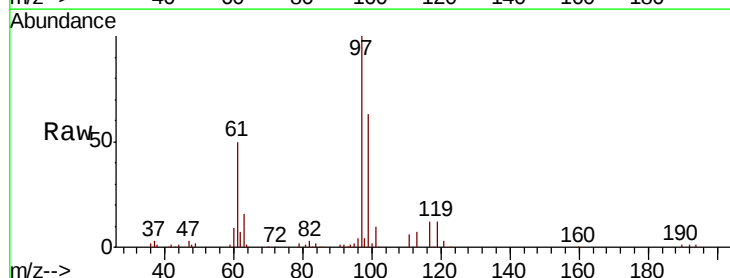
Tgt Ion: 97 Resp: 95292

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 50.9 41.1 61.7

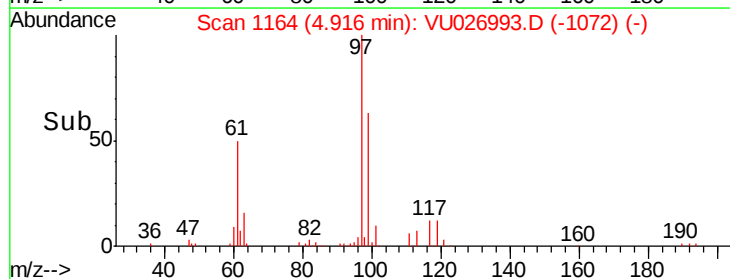


Abundance Ion 96.90 (96.60 to 97.60): VU026993.D (-1145) (-)

Ion 98.90 (98.60 to 99.60): VU026993.D (-1145) (-)

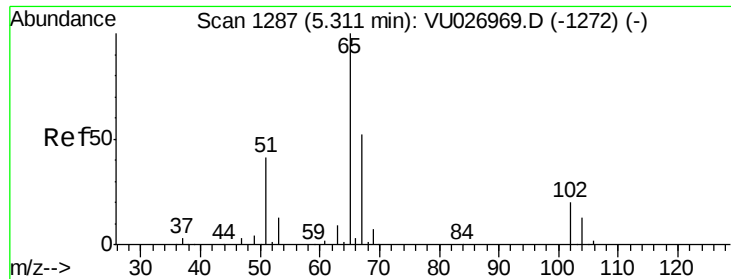
Ion 60.90 (60.60 to 61.60): VU026993.D (-1145) (-)

Time-->



Abundance

Time-->



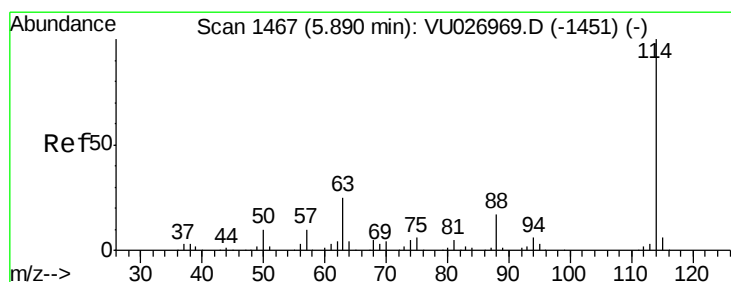
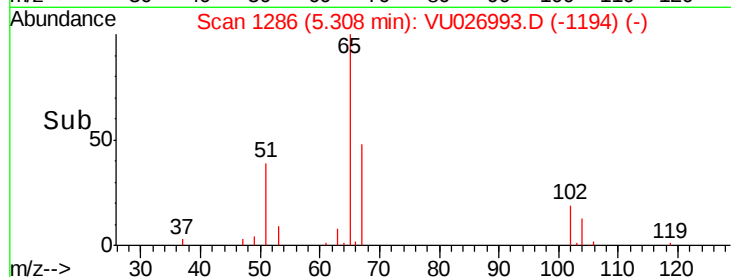
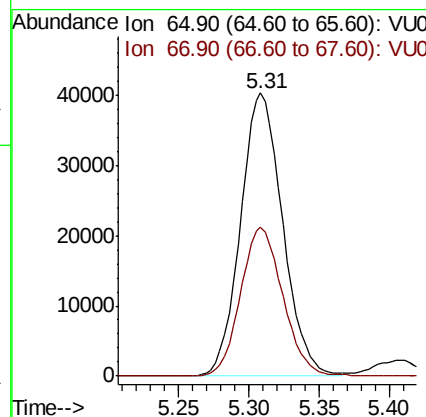
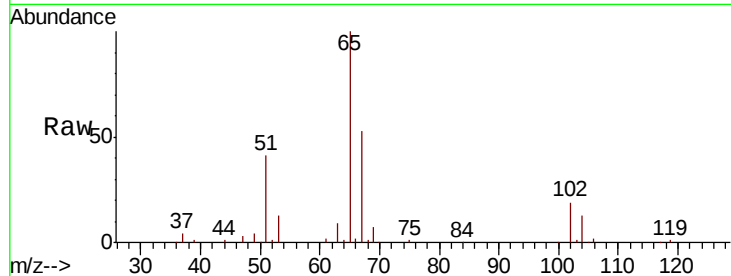
#33
 1,2-Dichloroethane-d4
 Concen: 53.822 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.6

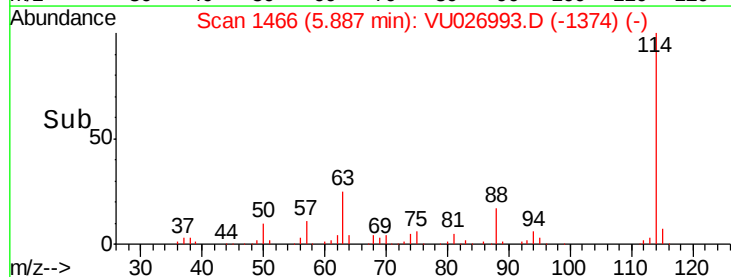
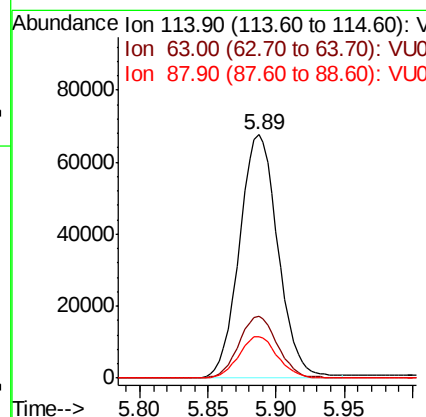
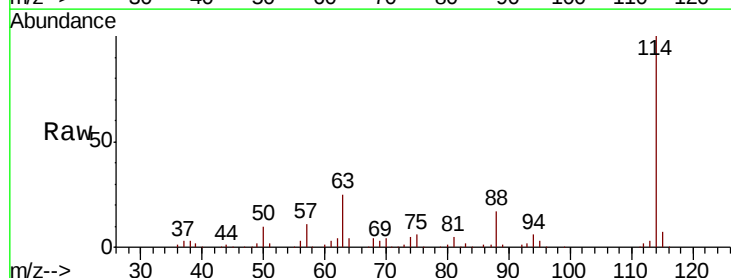
Manual Integrations
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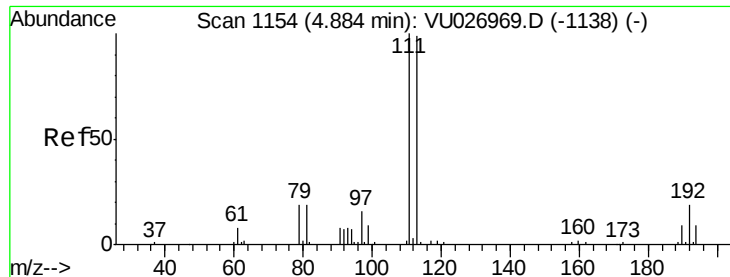
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	17.2	0.0	33.8





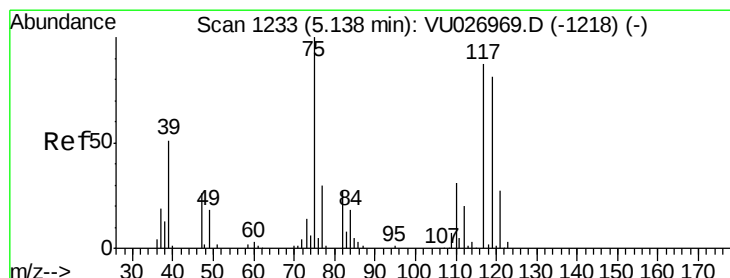
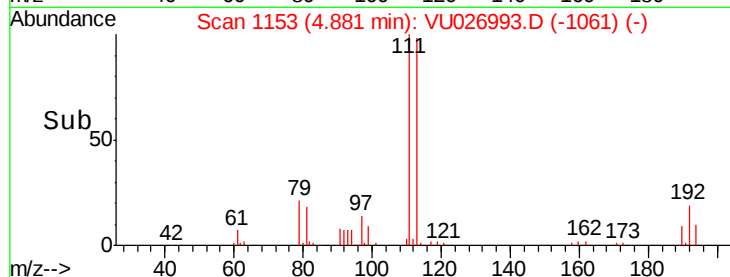
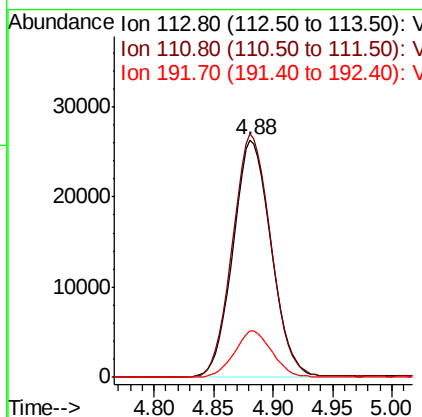
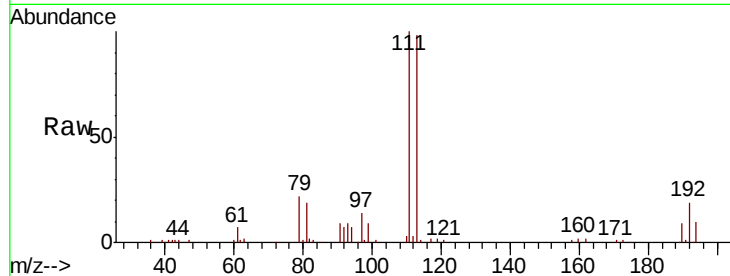
#35
 Dibromofluoromethane
 Concen: 50.941 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	19.0	15.2	22.8

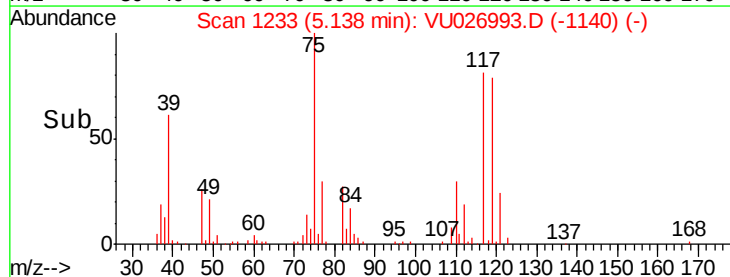
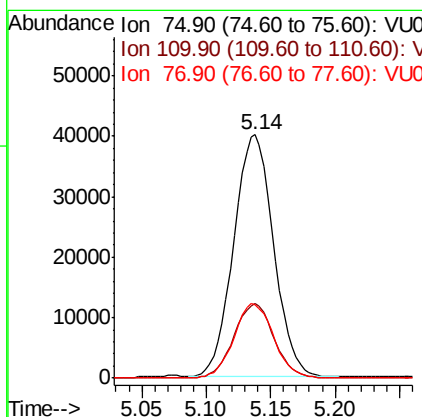
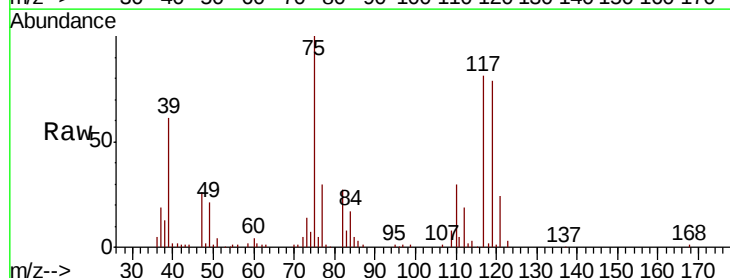
Manual Integrations
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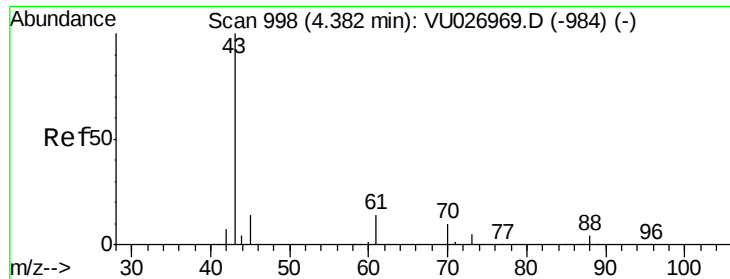
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#36
 1,1-Dichloropropene
 Concen: 48.660 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.1	48.2
77	30.8	24.6	36.8





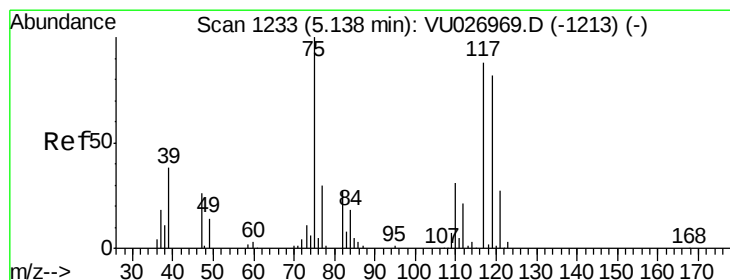
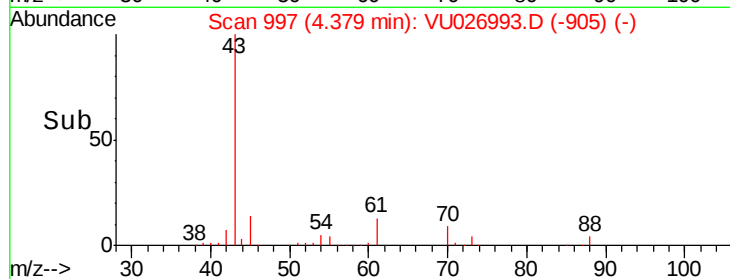
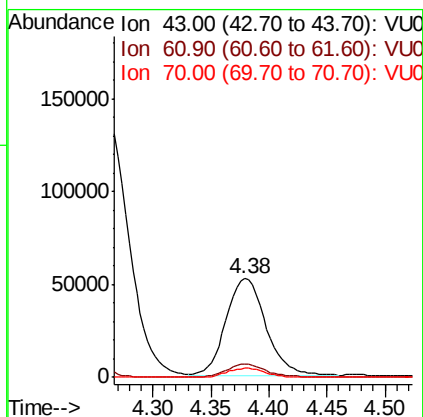
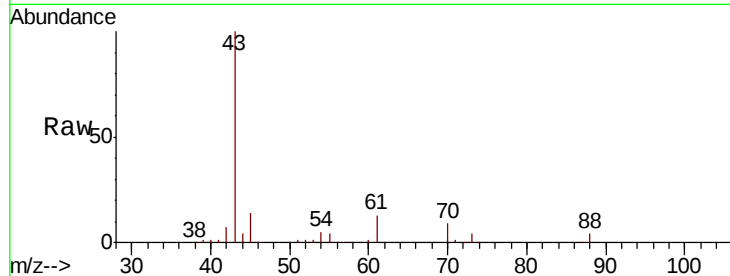
#37
Ethyl Acetate
Concen: 52.142 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	9.1	7.4	11.0

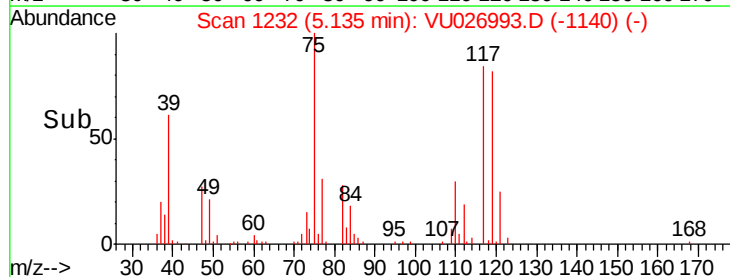
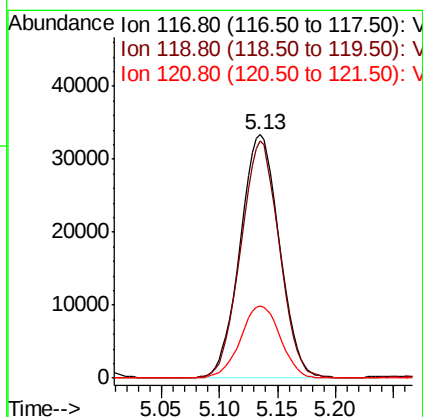
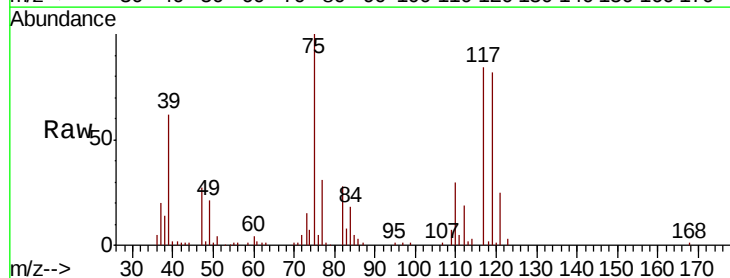
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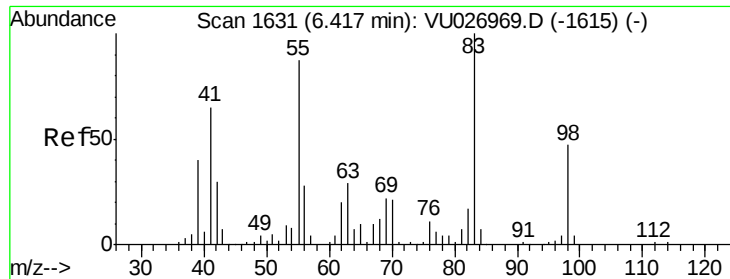
MMDadoda
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#38
Carbon Tetrachloride
Concen: 46.599 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.4	111.6
121	29.6	24.2	36.4





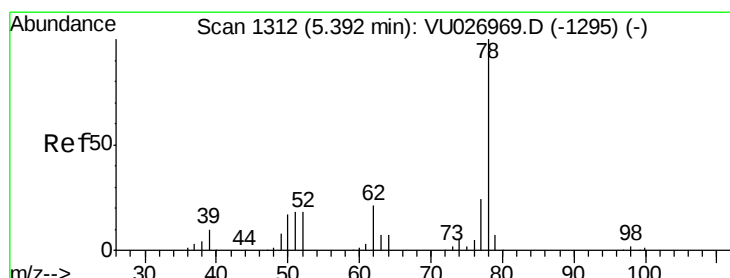
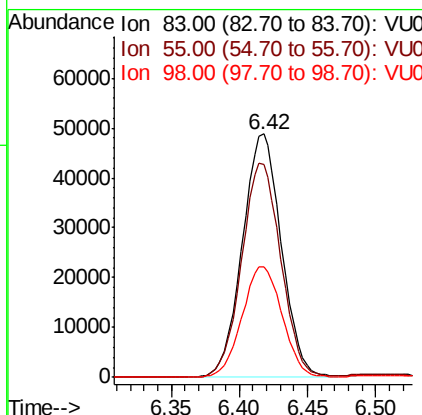
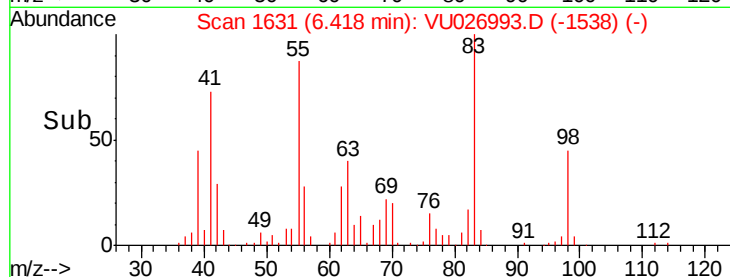
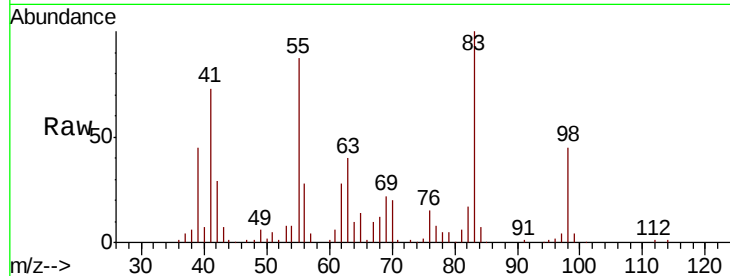
#39
Methvlcvclohexane
Concen: 50.247 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.4	69.9	104.9
98	45.3	37.5	56.3

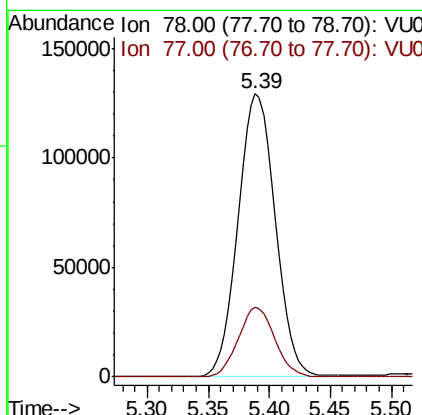
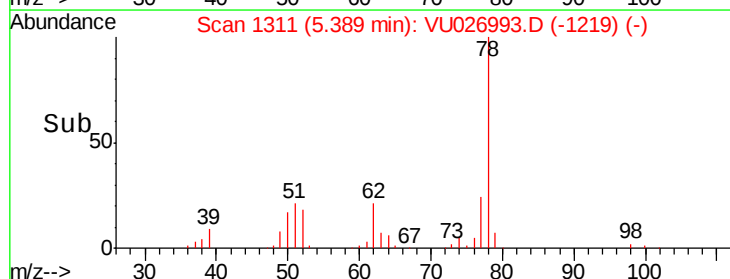
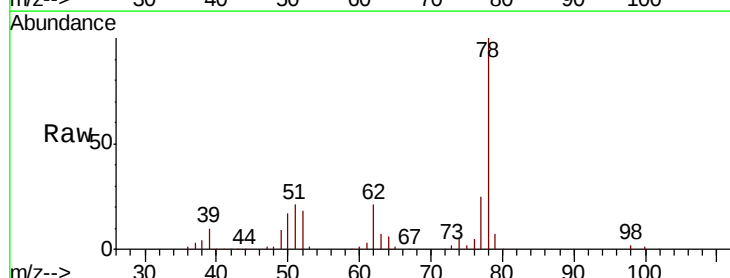
Manual Integrations
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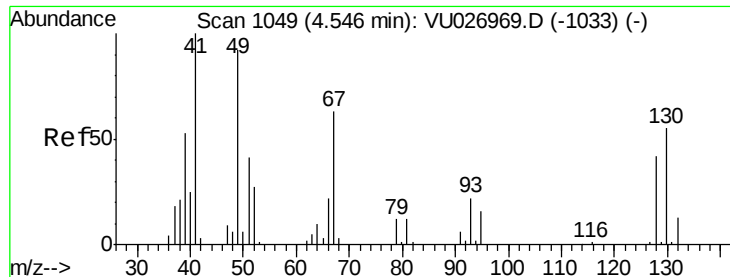
MMDadoda
9/24/2018 2:14:16 PM



#40
Benzene
Concen: 50.648 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





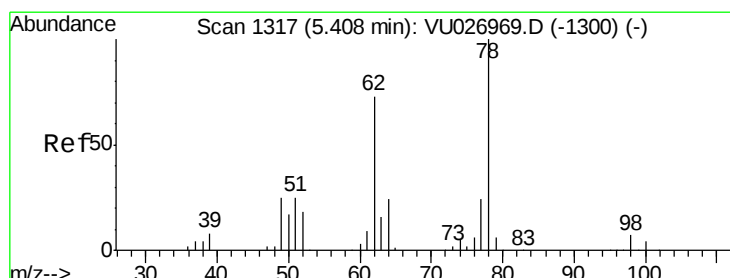
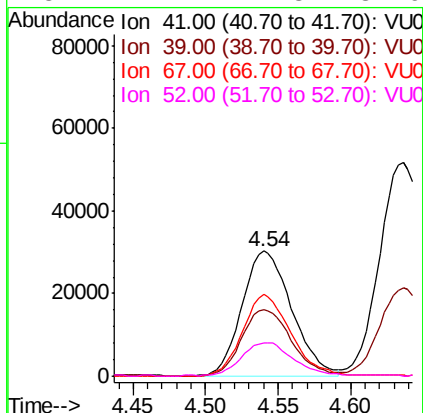
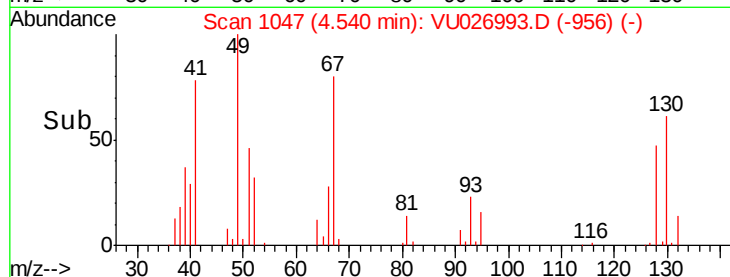
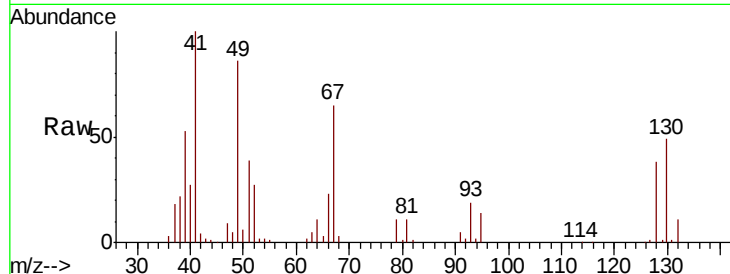
#41
Methacrylonitrile
Concen: 57.436 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.01 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	71716
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.9	64.3
67	64.6	52.4	78.6
52	27.2	21.3	31.9

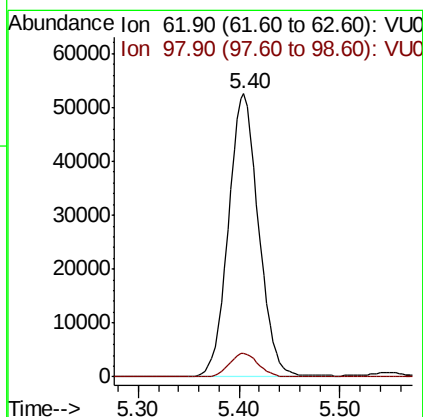
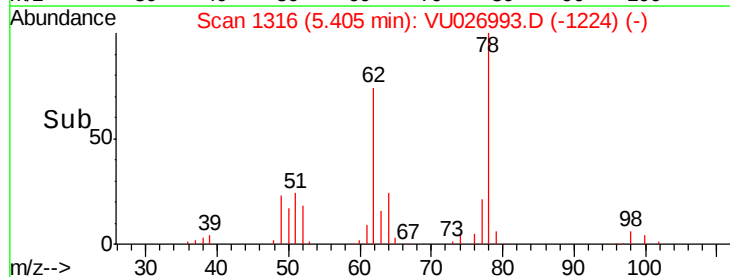
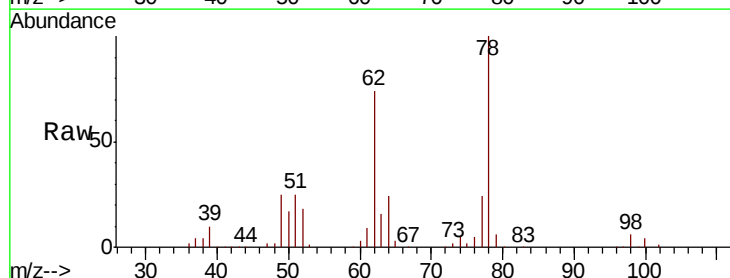
Manual Integrations
APPROVED

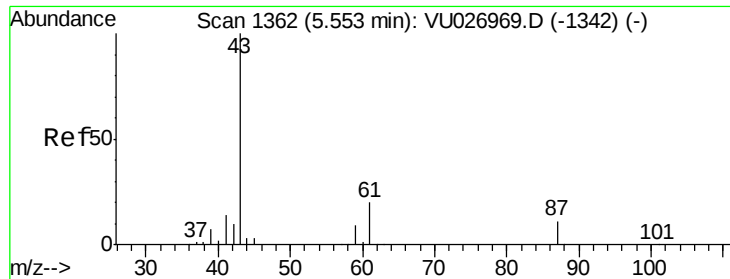
MMDadoda
9/24/2018 2:14:16 PM



#42
1,2-Dichloroethane
Concen: 53.747 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion:	62	Resp:	109635
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0





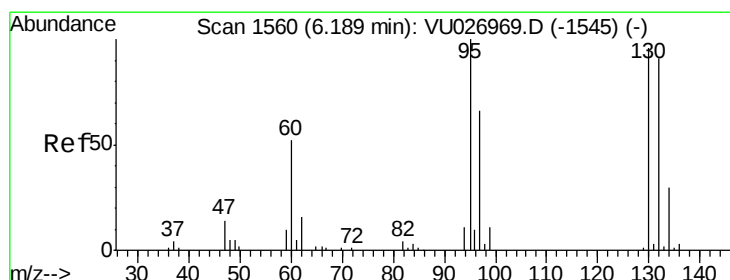
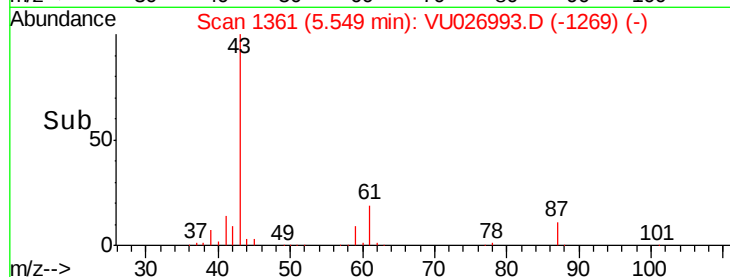
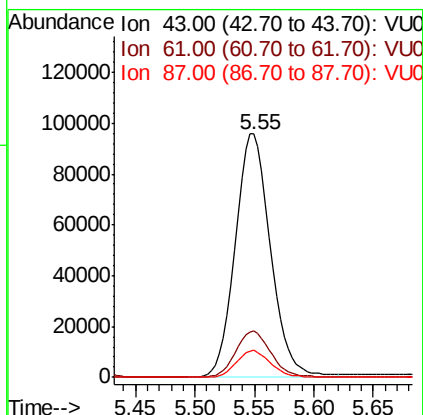
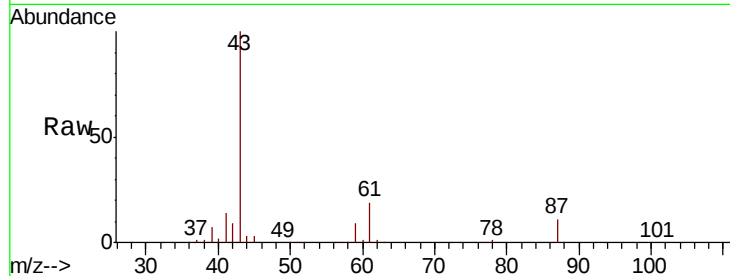
#43
Isopropyl Acetate
Concen: 55.992 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.7	23.5
87	10.7	9.0	13.4

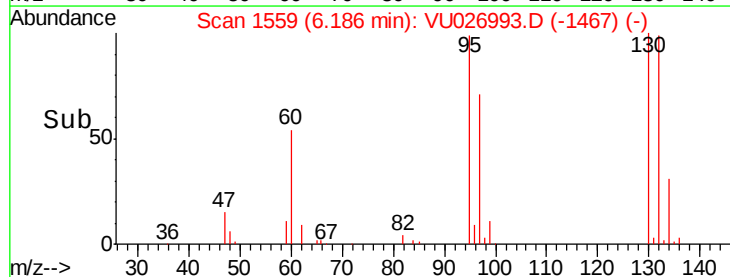
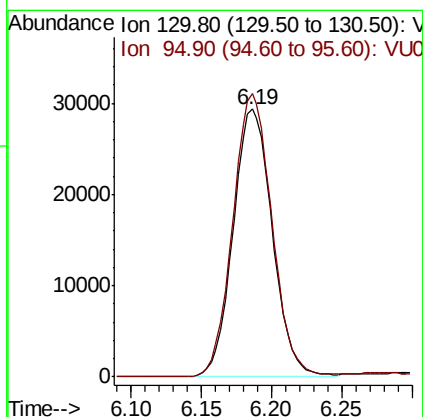
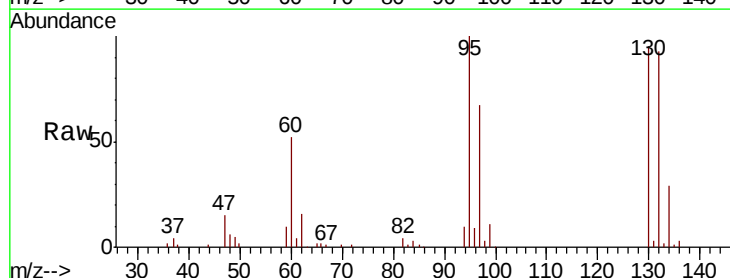
Manual Integrations
APPROVED

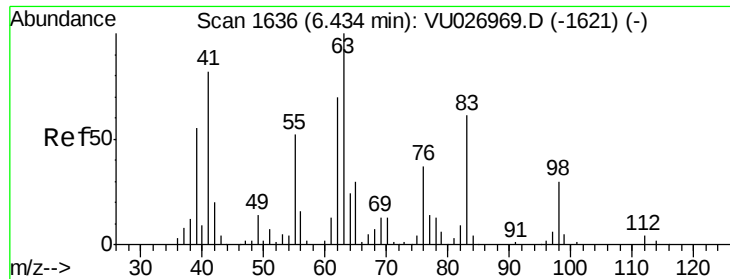
MMDadoda
9/24/2018 2:14:16 PM



#44
Trichloroethene
Concen: 49.858 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	208.8





#45

1,2-Dichloropropane

Concen: 53.015 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 81556

Ion Ratio Lower Upper

63 100

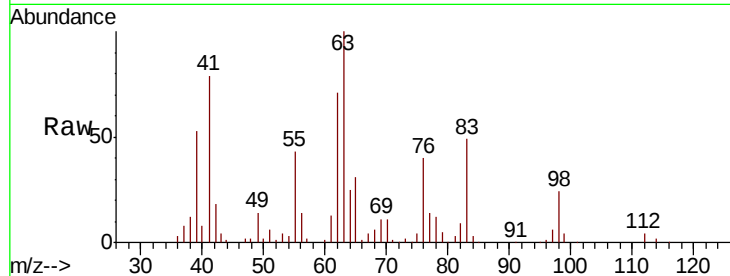
65 31.3 24.3 36.5

Manual Integrations

APPROVED

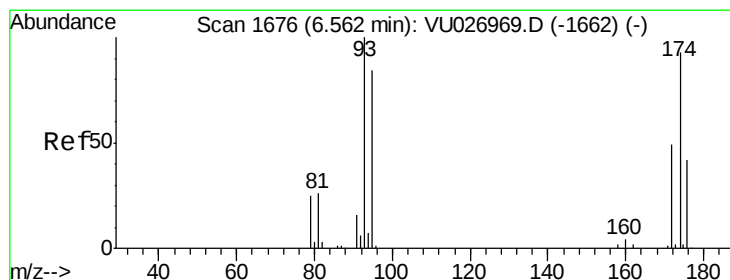
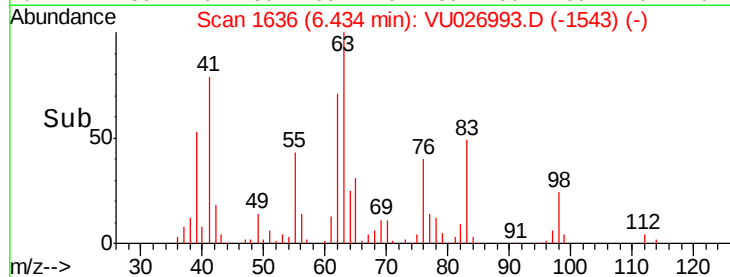
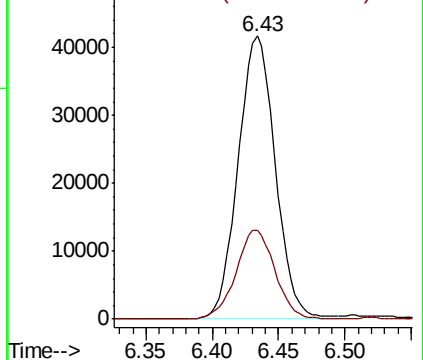
MMDadoda

9/24/2018 2:14:16 PM



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 52.298 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

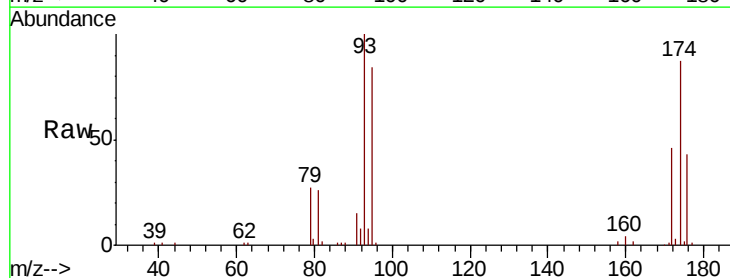
Tgt Ion: 93 Resp: 48590

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

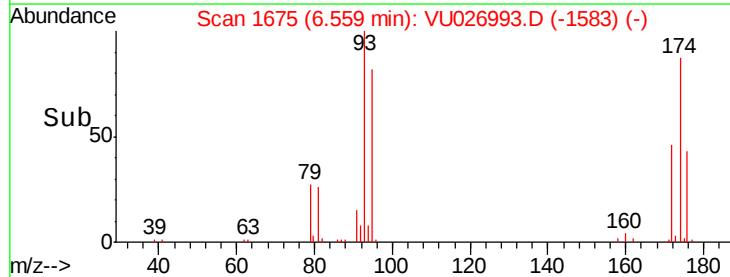
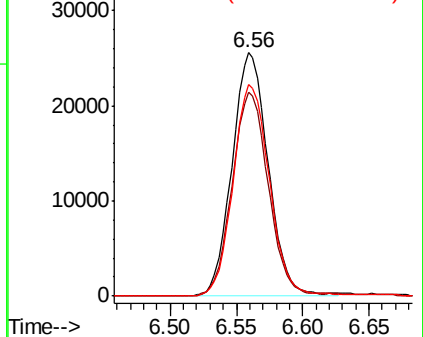
174 87.1 71.7 107.5

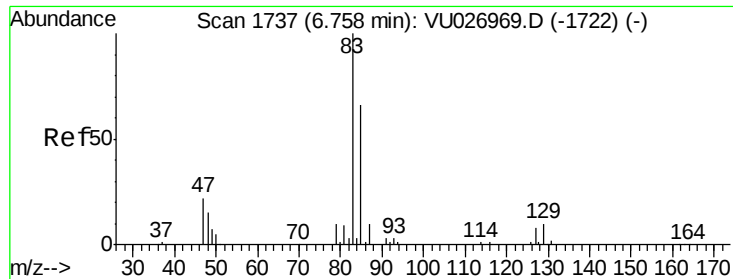


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





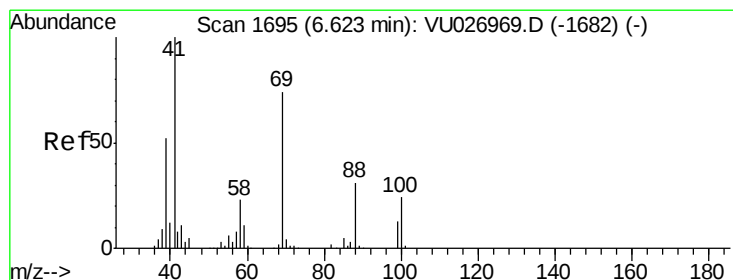
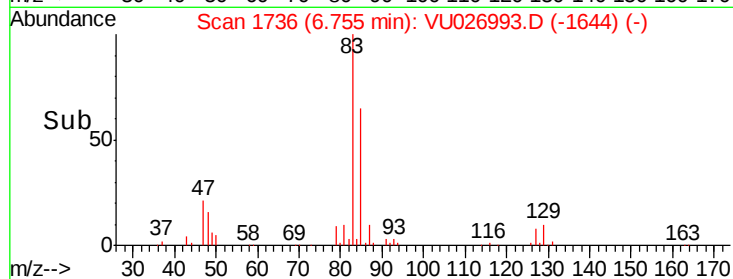
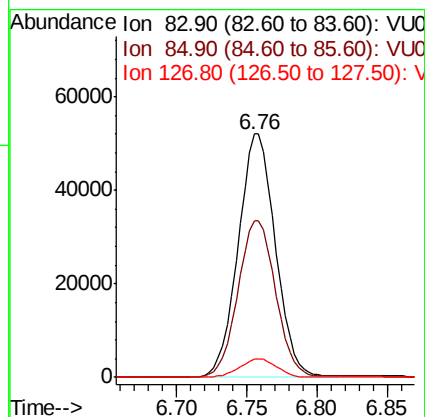
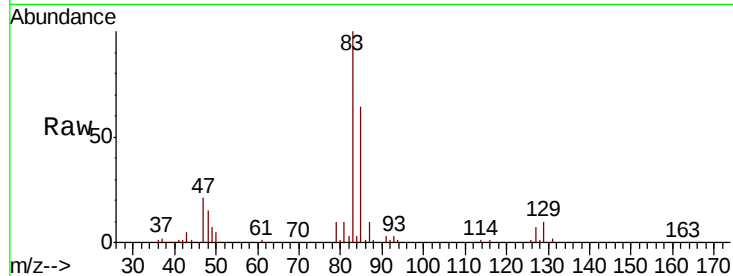
#47
Bromodichloromethane
Concen: 51.324 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	96421
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	52.5	78.7
127	7.5	6.3	9.5

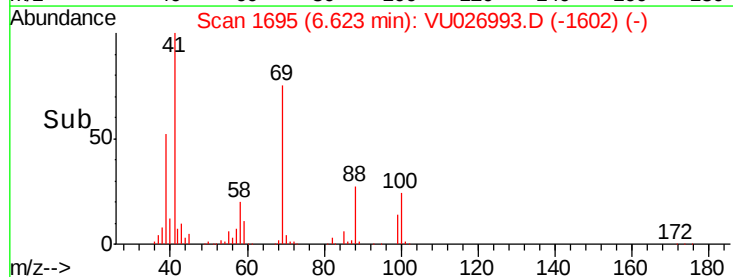
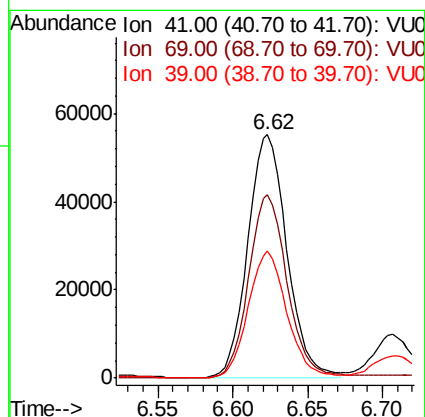
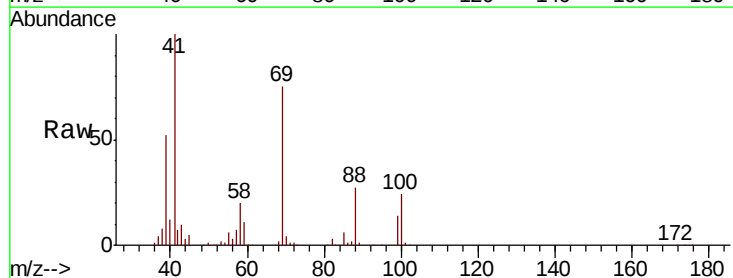
Manual Integrations
APPROVED

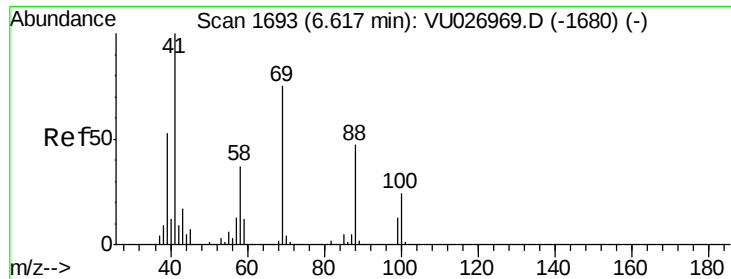
MMDadoda
9/24/2018 2:14:16 PM



#48
Methyl methacrylate
Concen: 52.351 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	41	Resp	99999
Ion Ratio	100	Lower	Upper
41	100		
69	74.7	60.6	90.8
39	52.2	42.8	64.2





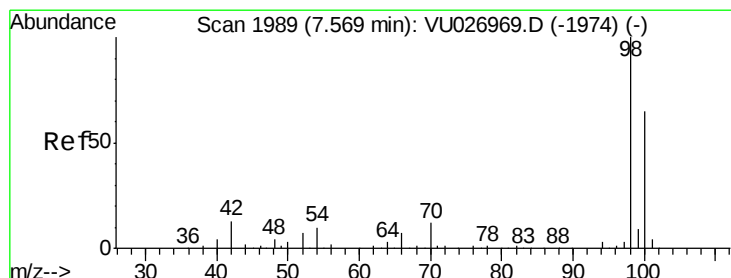
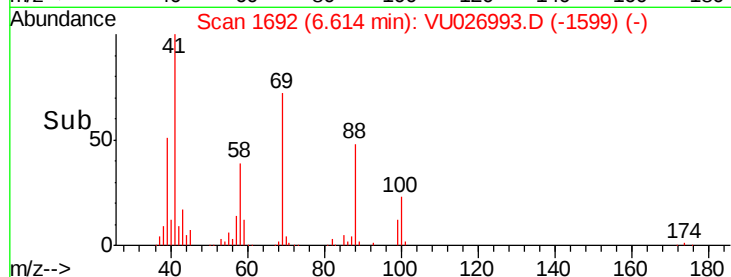
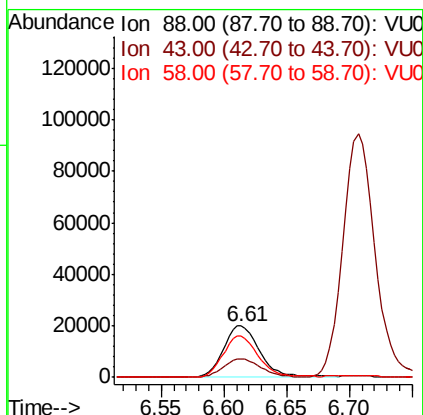
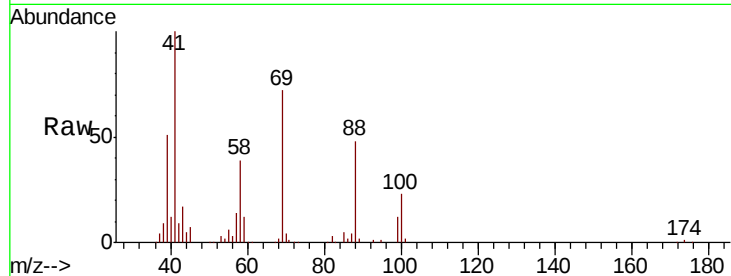
#49
1,4-Dioxane
Concen: 1062.826 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	29.8	44.8
58	79.4	63.9	95.9

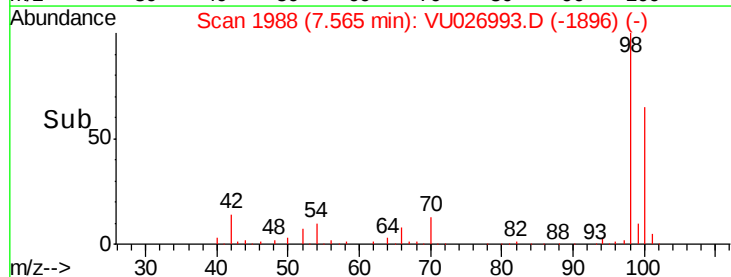
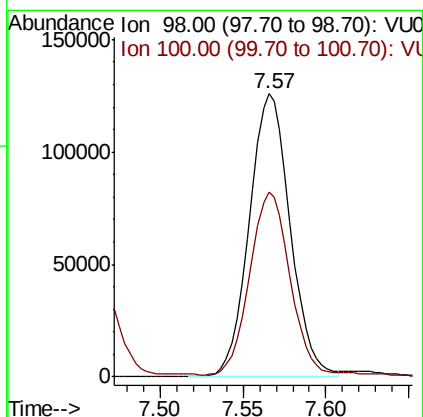
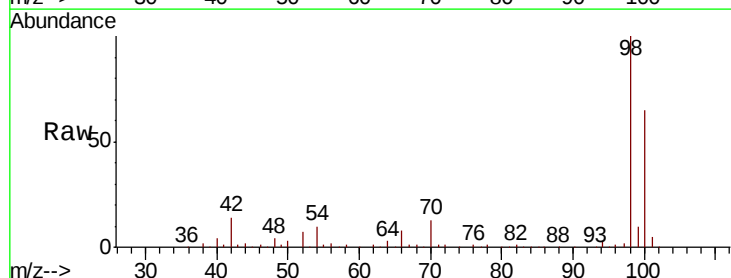
Manual Integrations
APPROVED

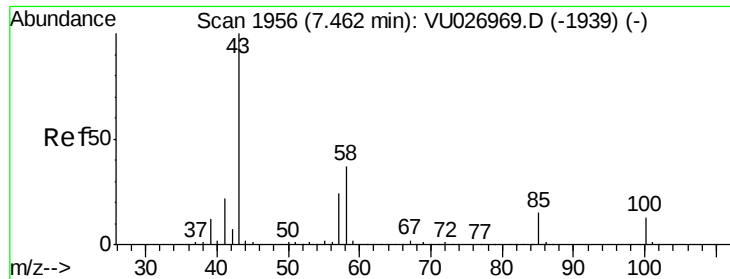
MMDadoda
9/24/2018 2:14:16 PM



#50
Toluene-d8
Concen: 49.228 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 281.981 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 664962

Ion Ratio Lower Upper

43 100

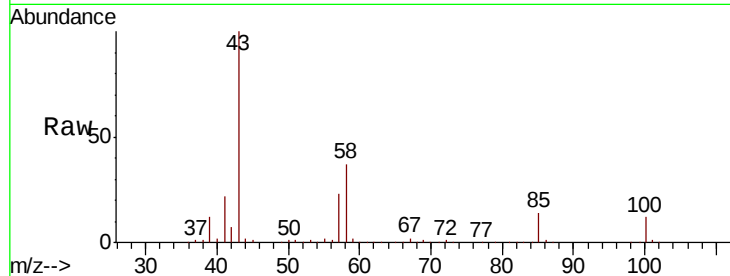
58 37.0 29.8 44.6

Manual Integrations

APPROVED

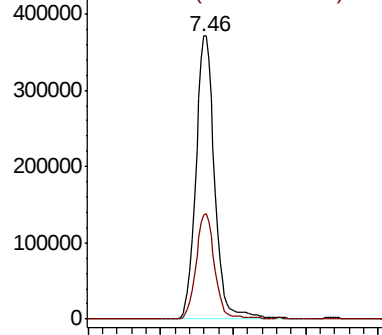
MMDadoda

9/24/2018 2:14:16 PM

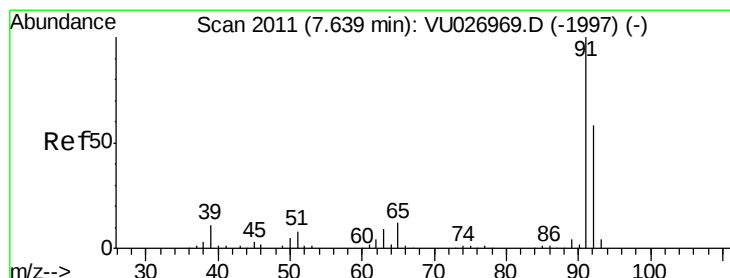
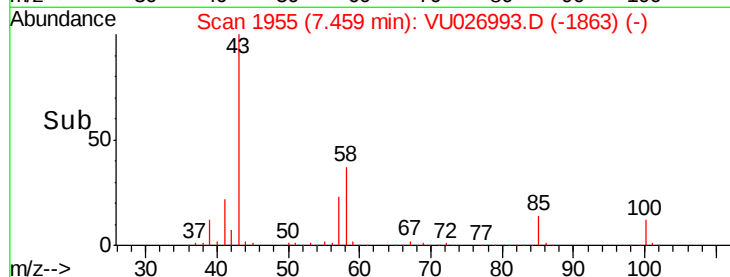


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 7.30 7.40 7.50 7.60



#52

Toluene

Concen: 51.723 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU026993.D

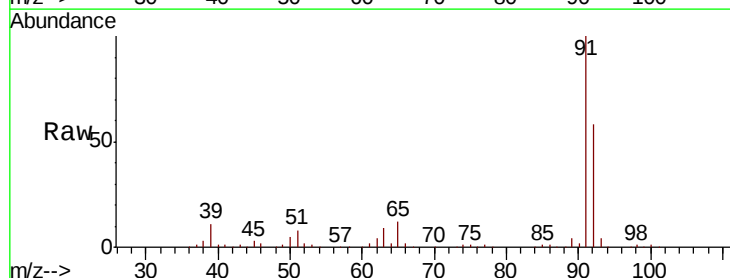
Acq: 22 Sep 2018 03:24

Tgt Ion: 92 Resp: 160067

Ion Ratio Lower Upper

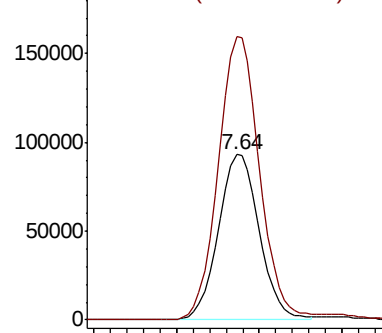
92 100

91 172.0 136.4 204.6

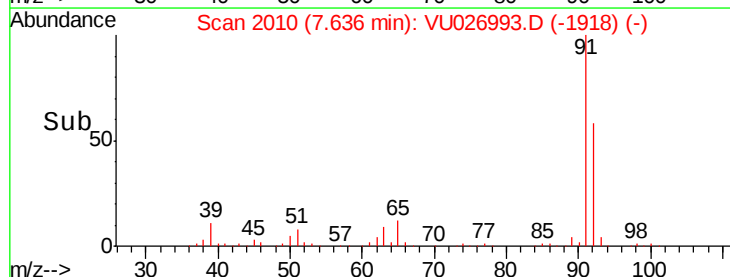


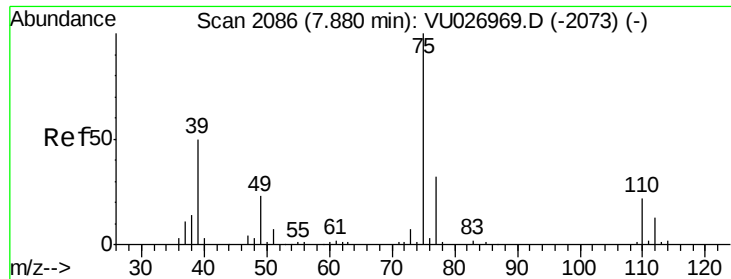
Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time--> 7.55 7.60 7.65 7.70





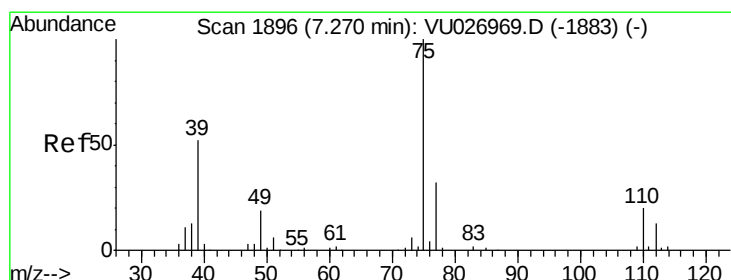
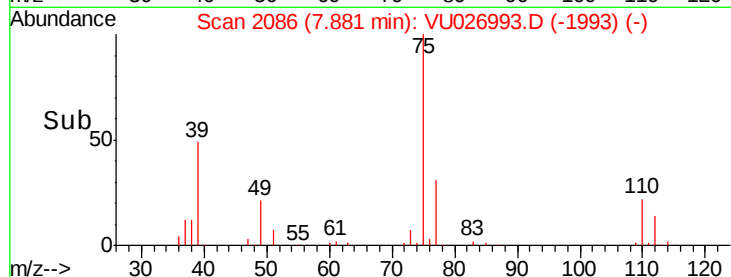
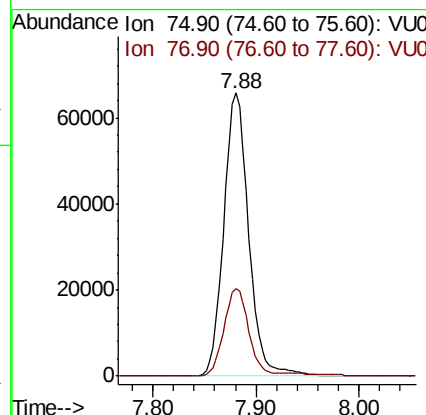
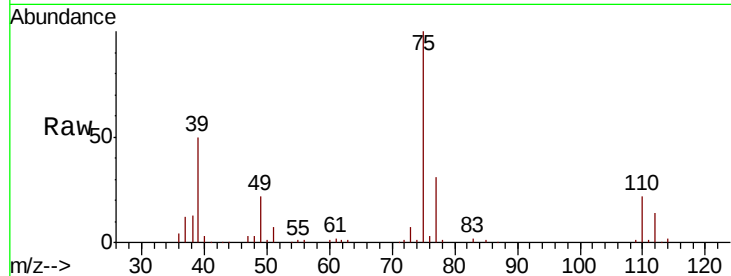
#53
t-1,3-Dichloropropene
Concen: 54.724 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9

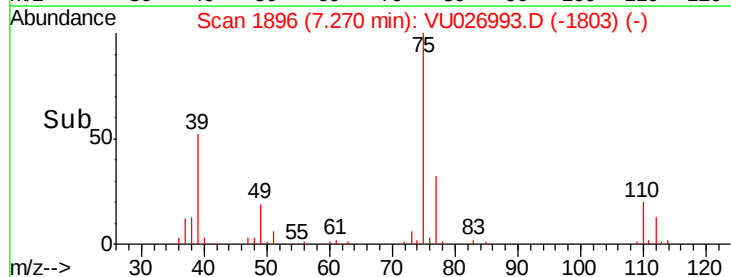
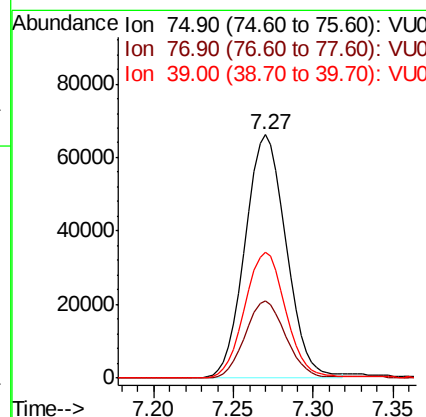
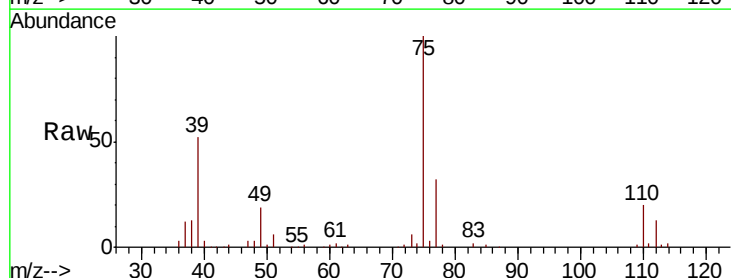
Manual Integrations
APPROVED

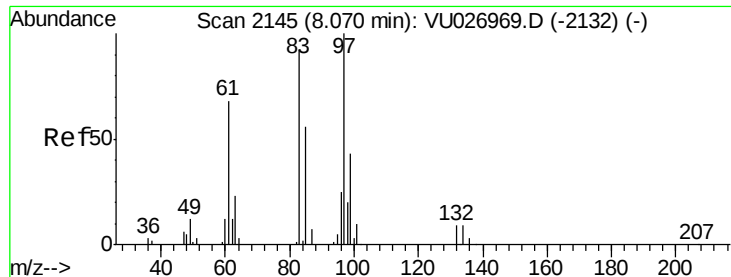
MMDadoda
9/24/2018 2:14:16 PM



#54
cis-1,3-Dichloropropene
Concen: 52.328 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0
39	51.9	41.6	62.4





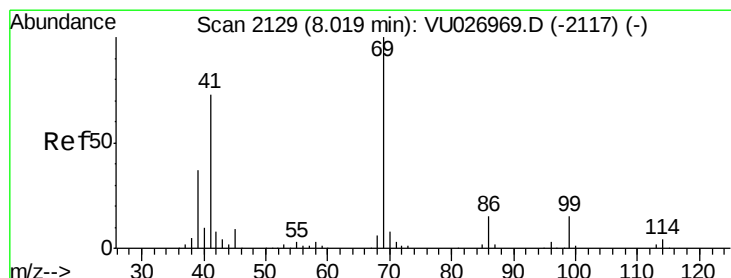
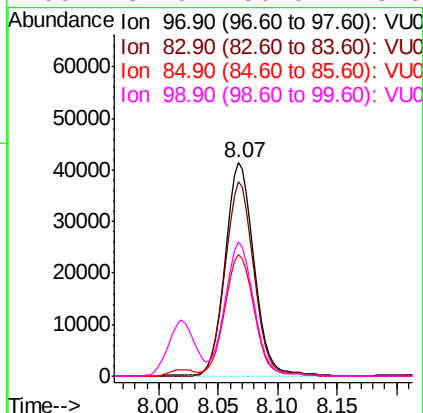
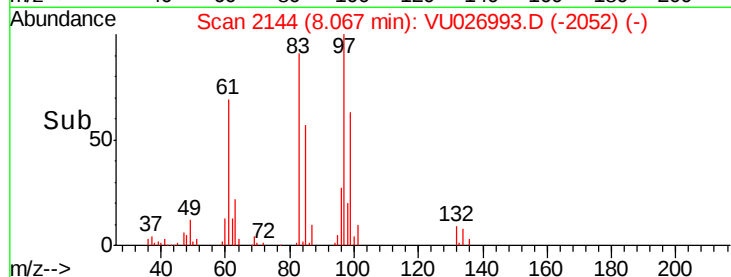
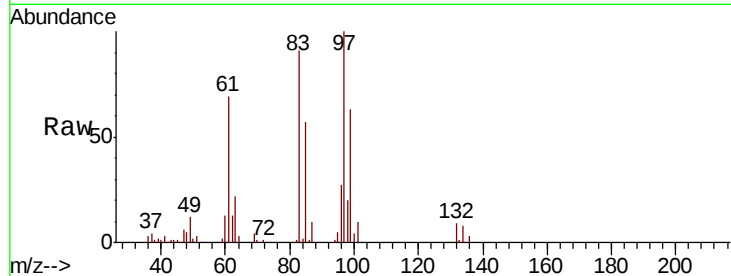
#55
 1,1,2-Trichloroethane
 Concen: 53.599 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	70285
Ion	Ratio	Lower	Upper
97	100		
83	91.1	73.1	109.7
85	56.8	46.7	70.1
99	62.9	50.0	75.0

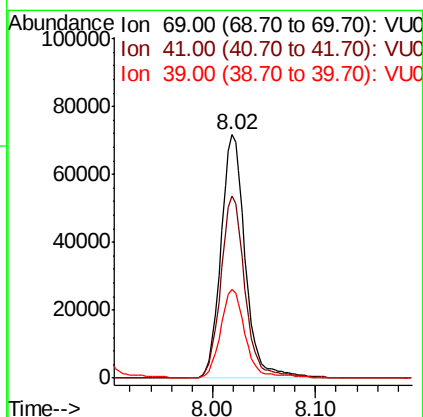
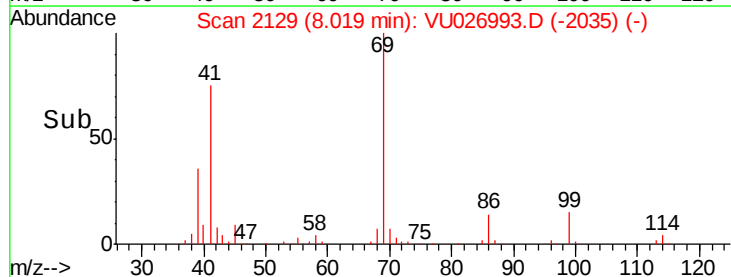
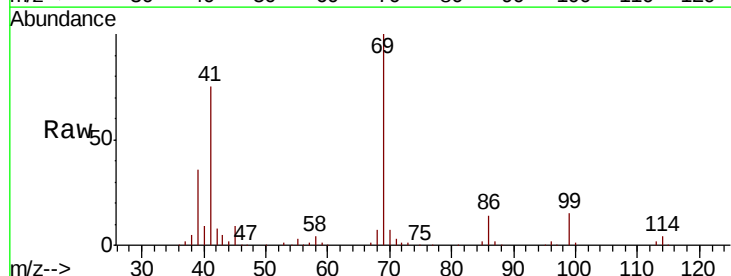
Manual Integrations
 APPROVED

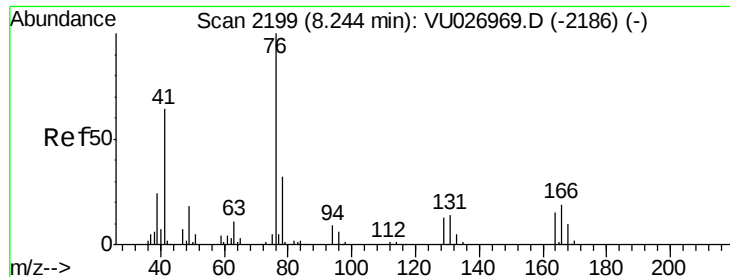
MMDadoda
 9/24/2018 2:14:16 PM



#56
 Ethyl methacrylate
 Concen: 51.606 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion:	69	Resp:	117585
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.0	88.4
39	36.6	30.2	45.4





#57

1,3-Dichloropropane

Concen: 54.339 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 132528

Ion Ratio Lower Upper

76 100

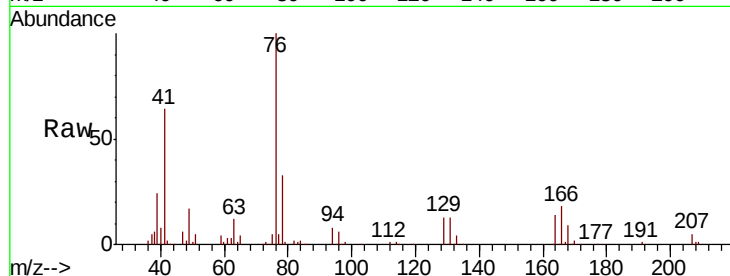
78 32.4 25.5 38.3

Manual Integrations

APPROVED

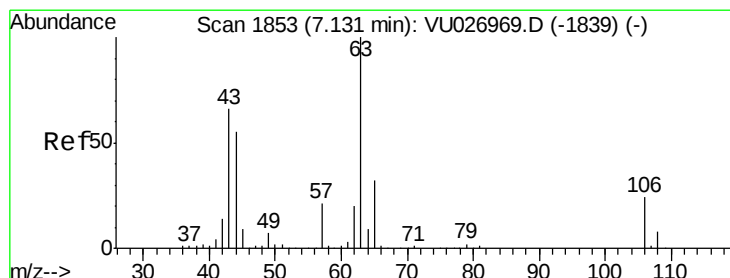
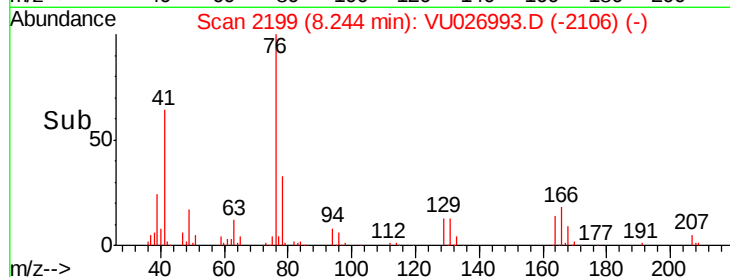
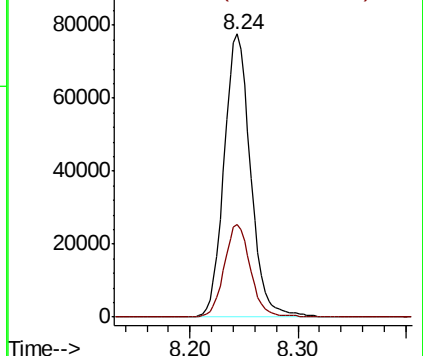
MMDadoda

9/24/2018 2:14:16 PM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 263.468 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU026993.D

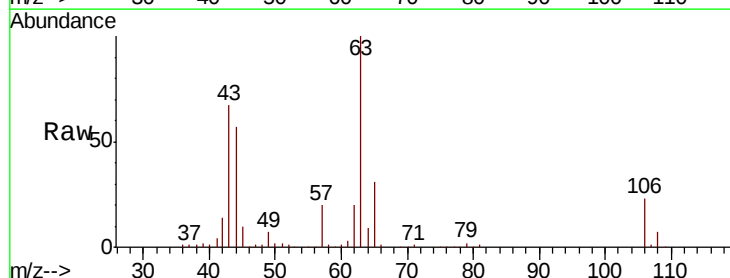
Acq: 22 Sep 2018 03:24

Tgt Ion: 63 Resp: 340547

Ion Ratio Lower Upper

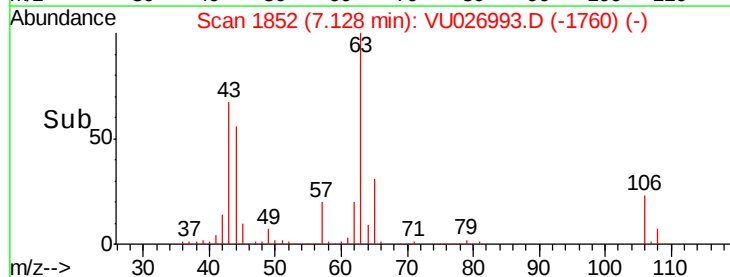
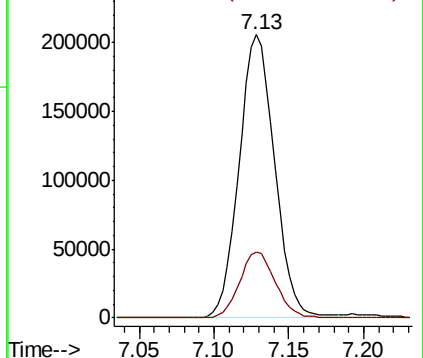
63 100

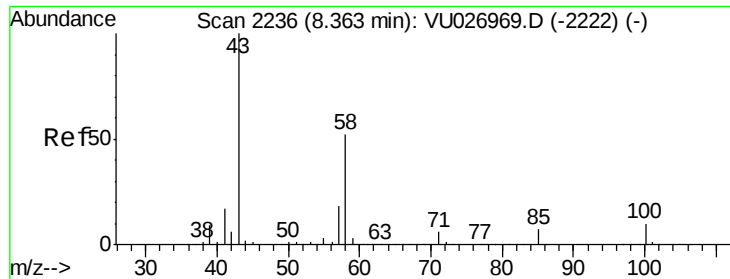
106 23.3 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





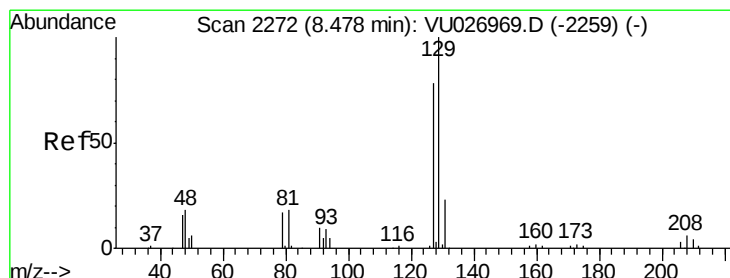
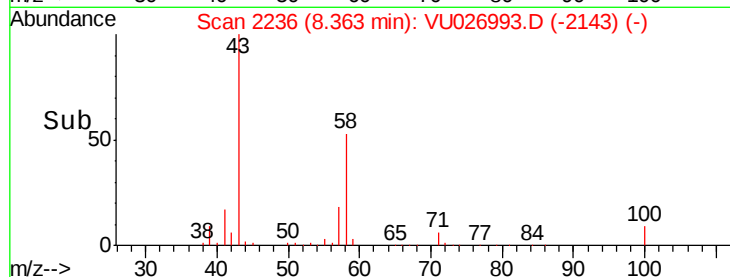
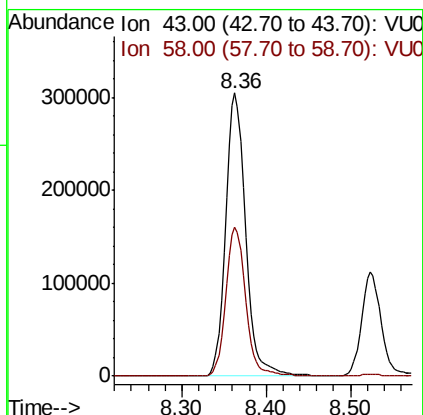
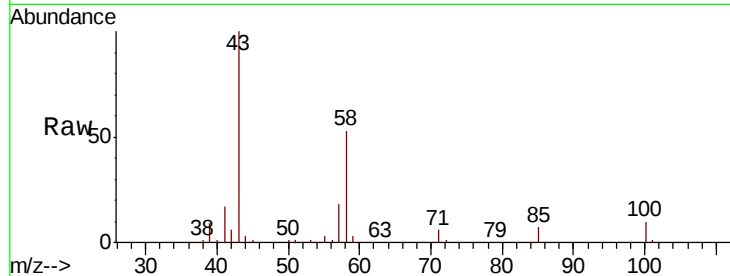
#59
2-Hexanone
Concen: 271.714 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 501567
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.2

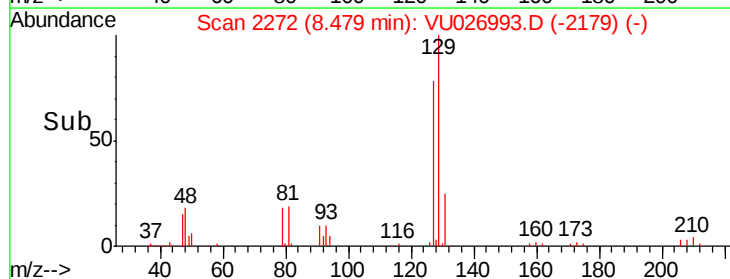
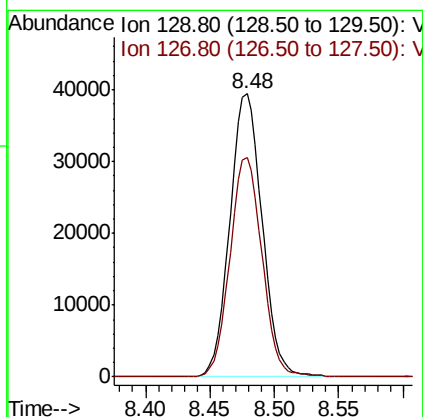
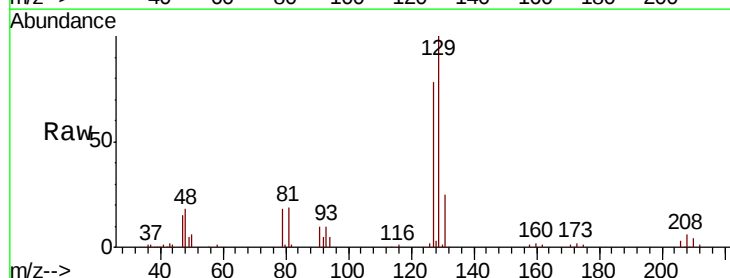
Manual Integrations
APPROVED

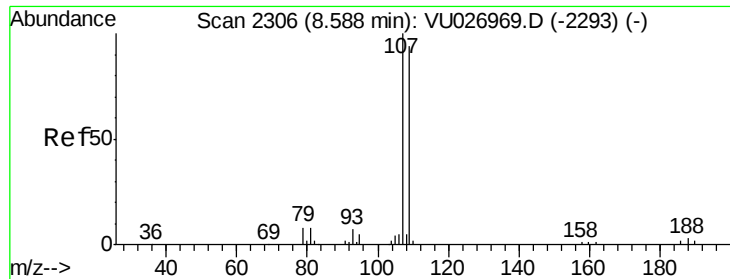
MMDadoda
9/24/2018 2:14:16 PM



#60
Dibromochloromethane
Concen: 53.444 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion: 129 Resp: 68743
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





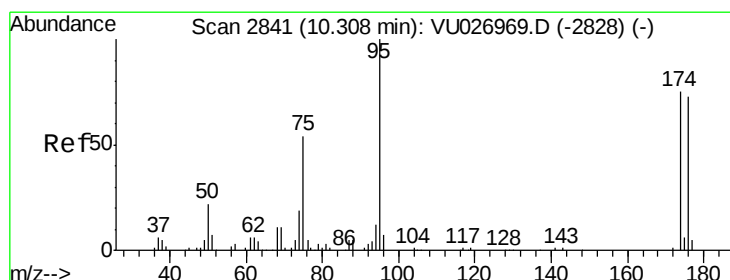
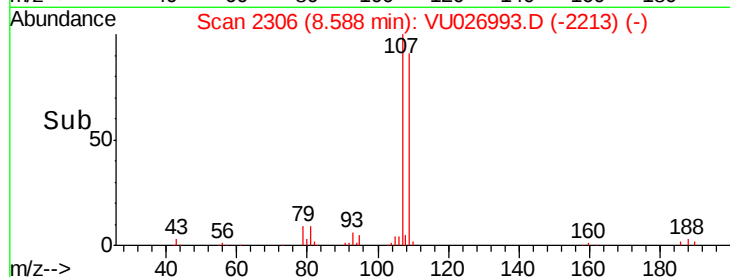
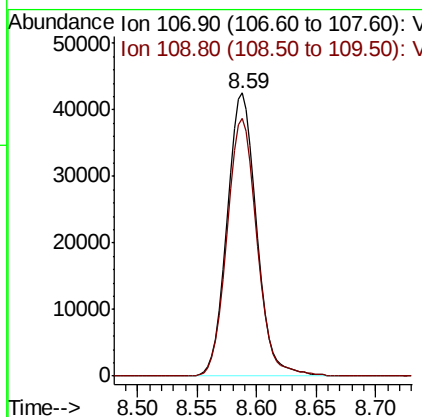
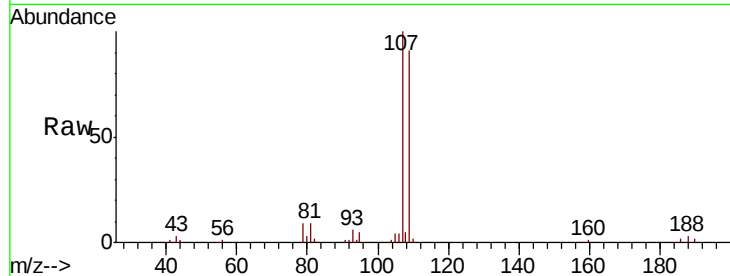
#61
 1,2-Dibromoethane
 Concen: 53.649 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.6

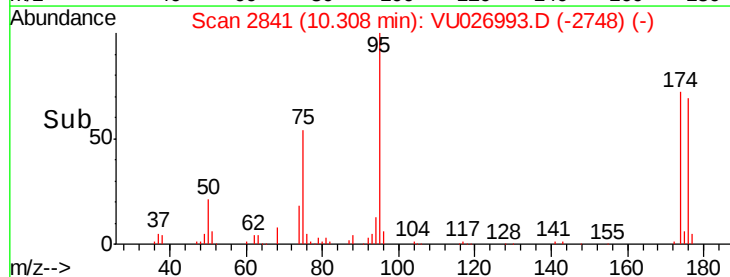
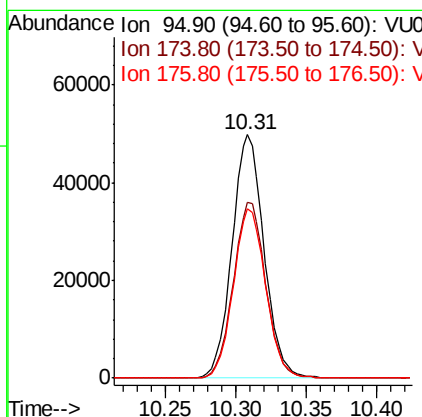
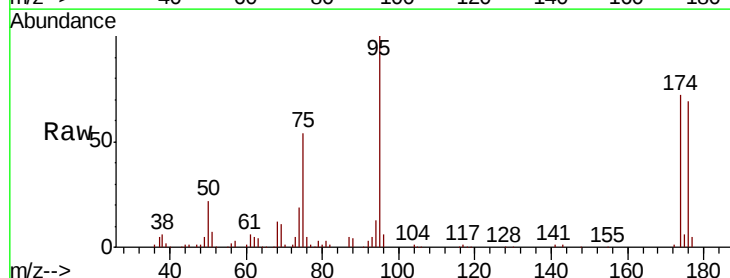
Manual Integrations
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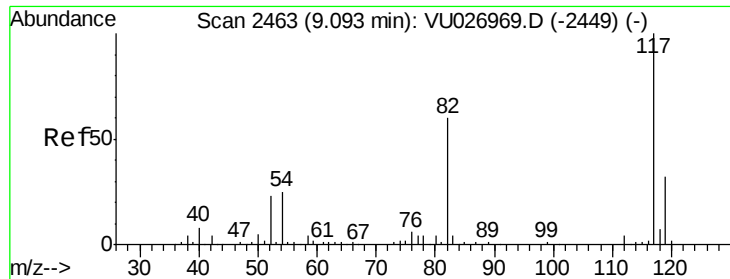
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 52.376 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	150.2
176	70.3	0.0	145.2





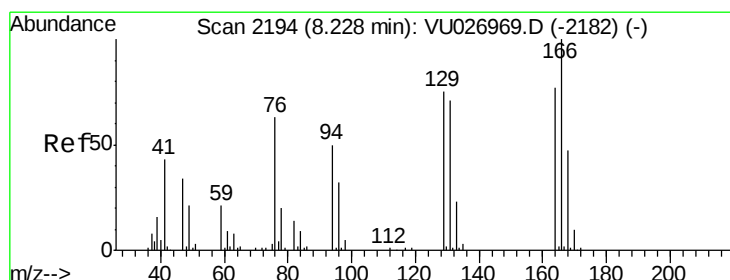
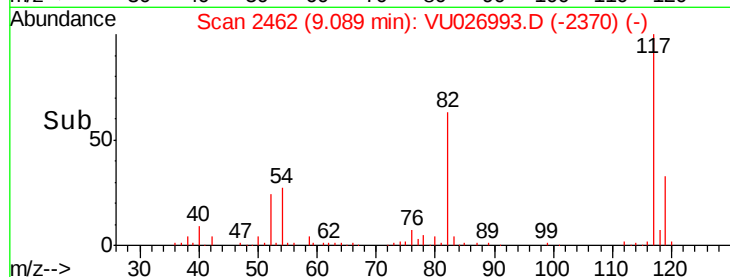
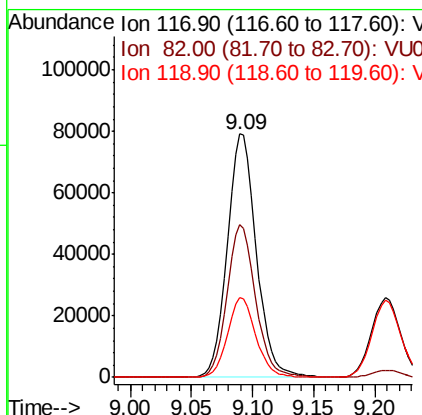
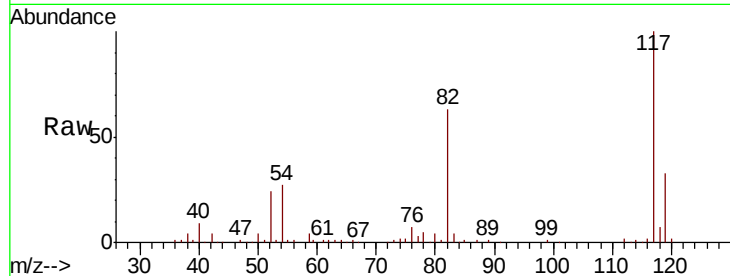
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	48.0	72.0
119	32.9	25.8	38.8

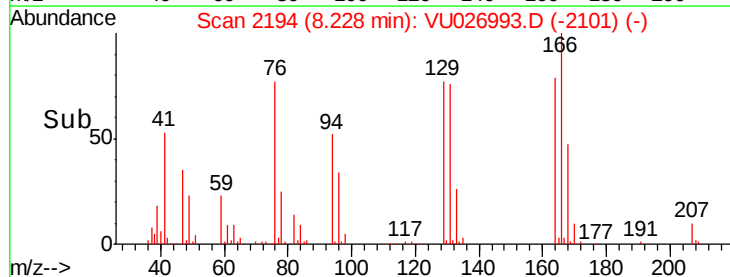
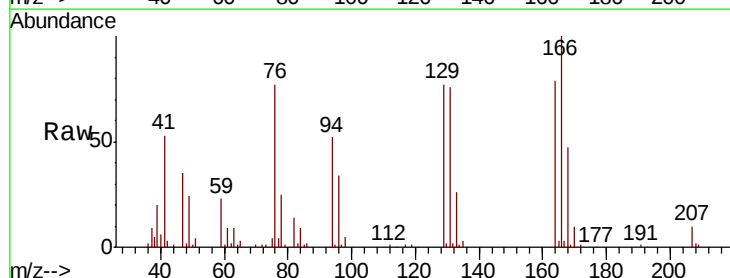
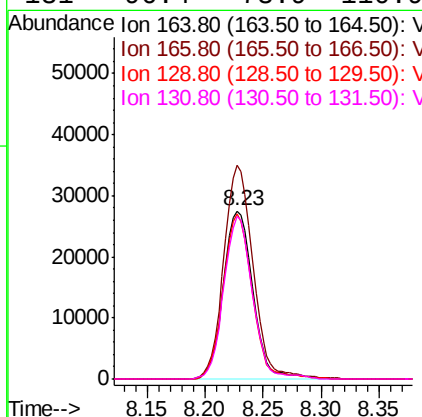
Manual Integrations
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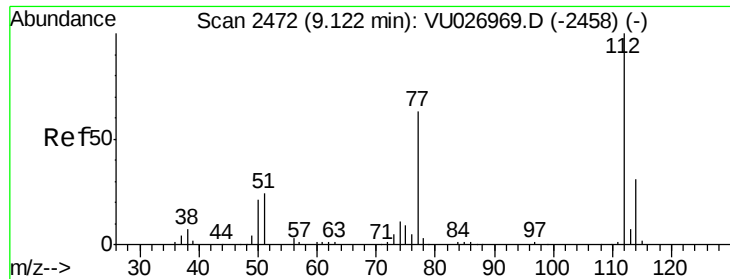
MMDadoda
9/24/2018 2:14:16 PM



#64
Tetrachloroethene
Concen: 47.576 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	104.4	156.6
129	97.9	78.7	118.1
131	96.4	73.9	110.9





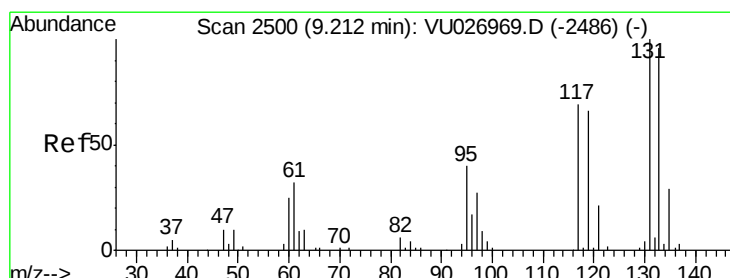
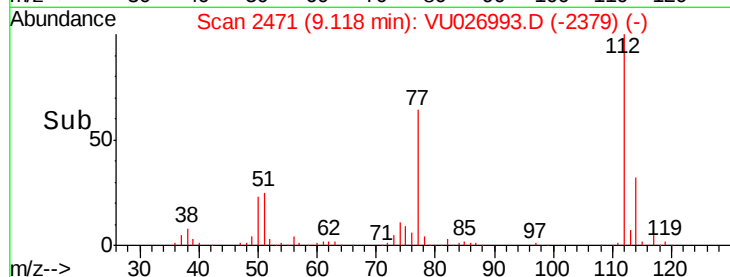
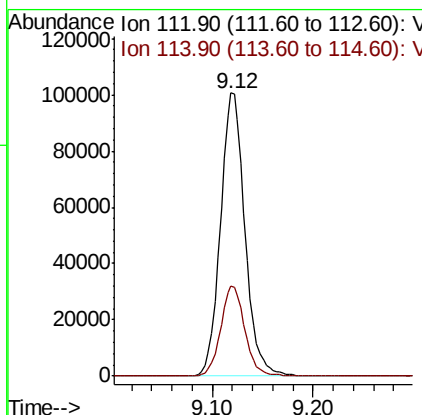
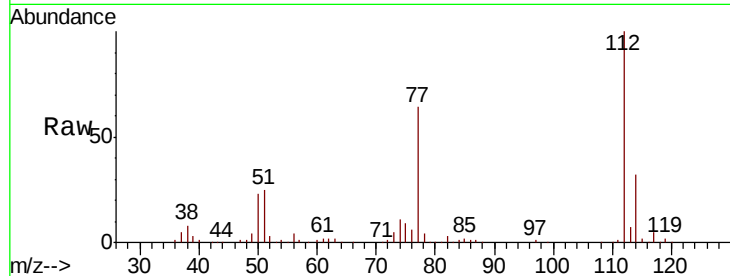
#65
Chlorobenzene
Concen: 48.609 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 170242
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6

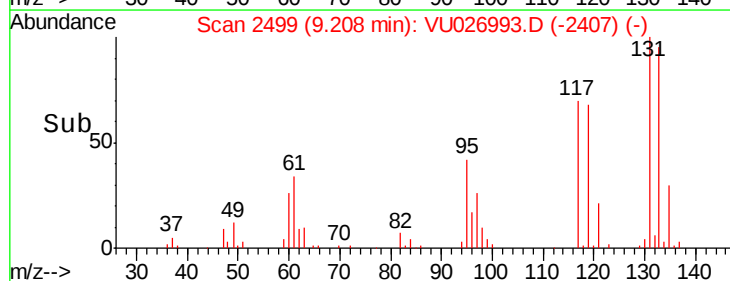
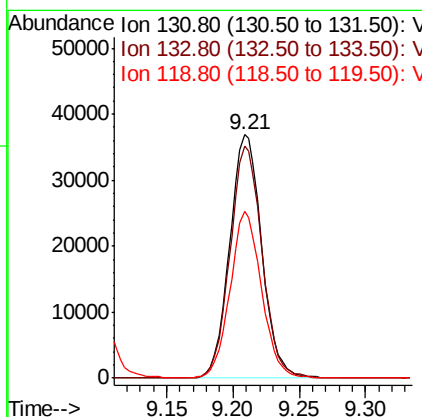
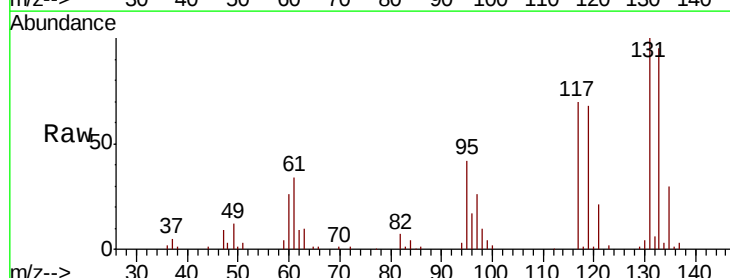
Manual Integrations
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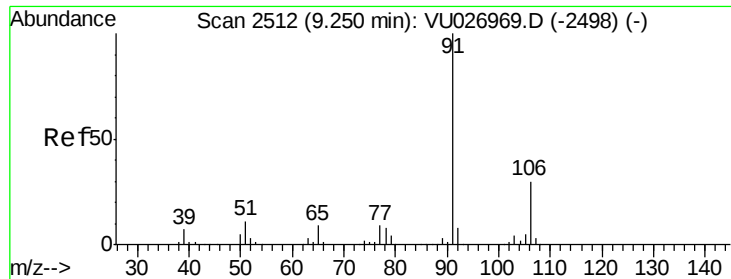
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.336 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion:131 Resp: 61927
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 66.9 33.4 100.1





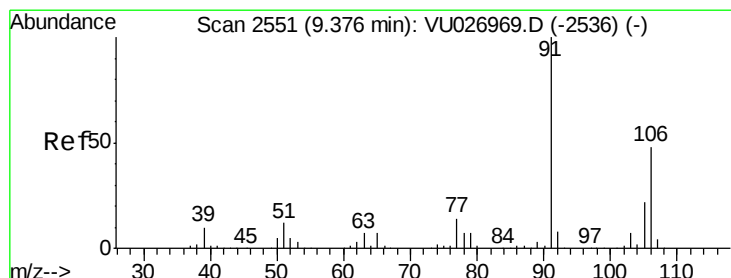
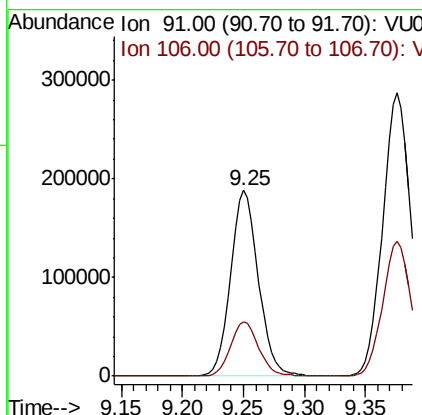
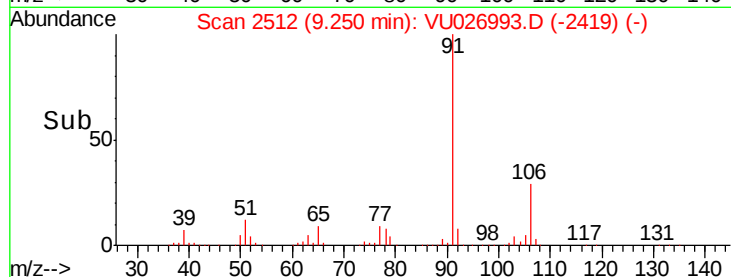
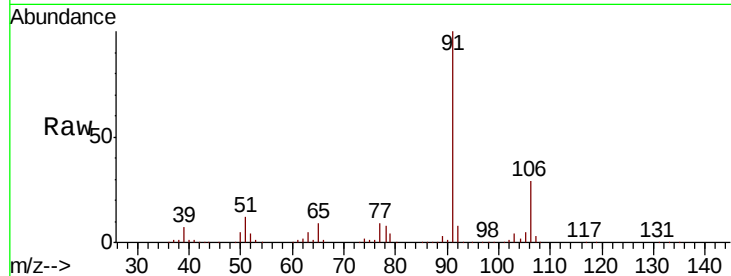
#67
Ethyl Benzene
Concen: 52.021 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 299595
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8

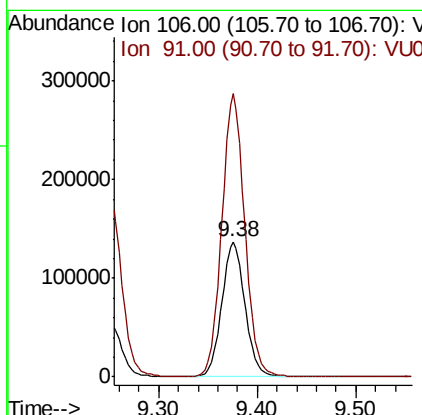
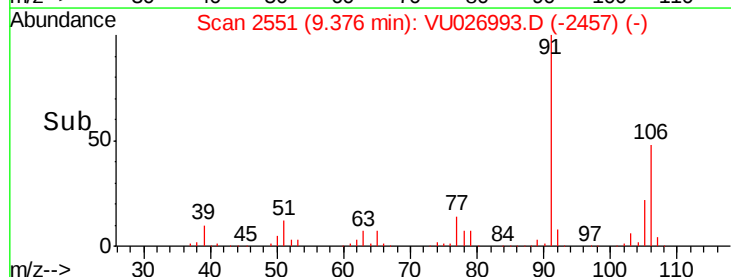
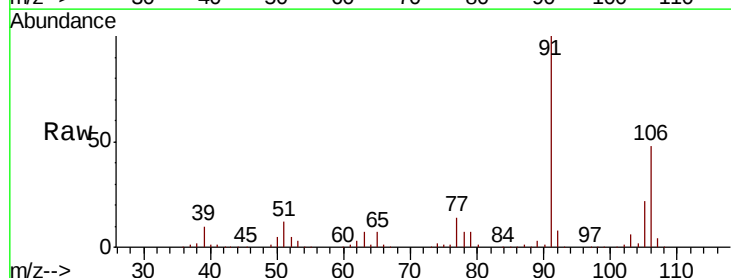
Manual Integrations
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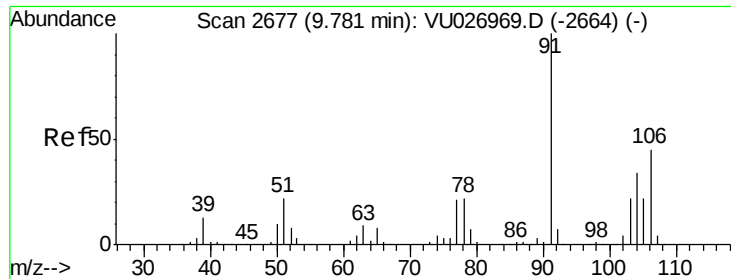
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#68
m/p-Xylenes
Concen: 96.572 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion: 106 Resp: 225119
Ion Ratio Lower Upper
106 100
91 208.4 166.5 249.7





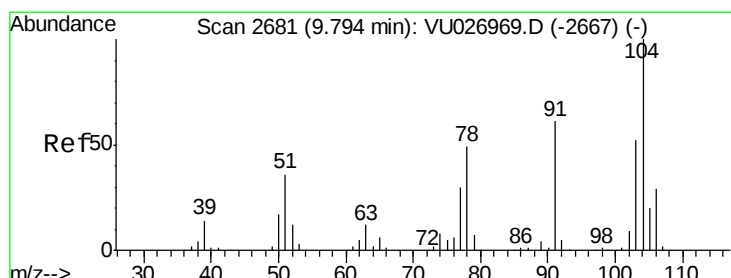
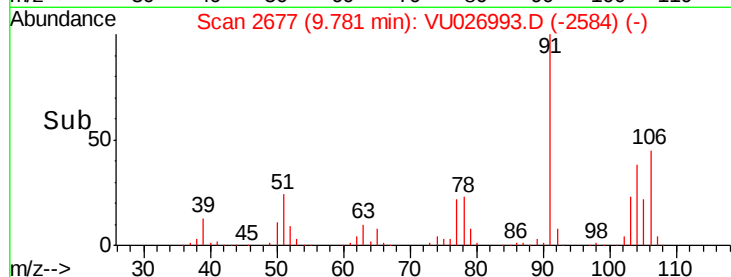
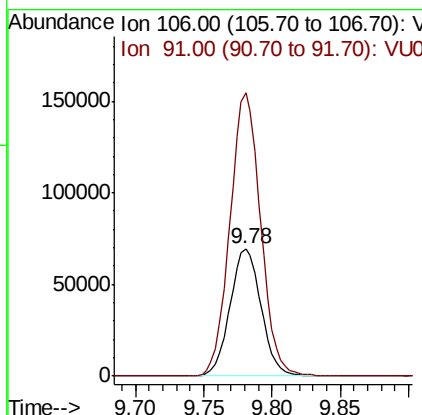
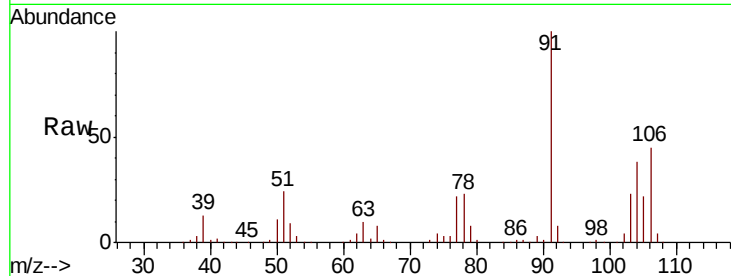
#69
o-Xylene
Concen: 53.904 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 109992
Ion Ratio Lower Upper
106 100
91 219.7 110.2 330.6

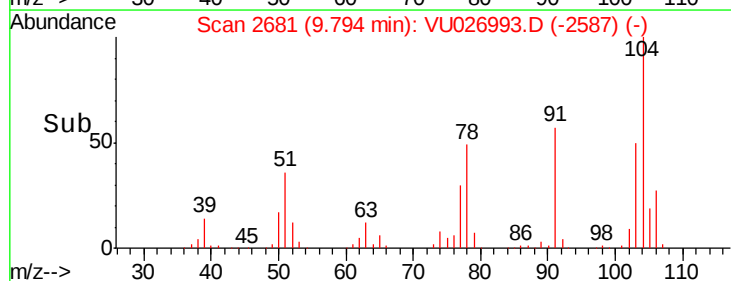
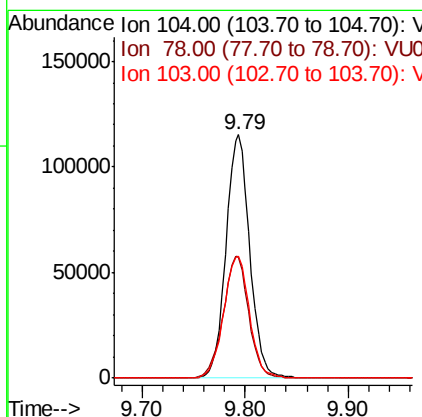
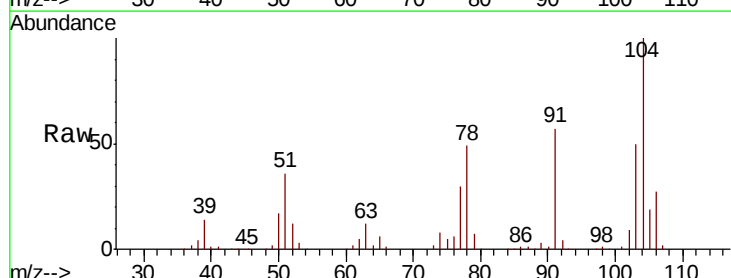
Manual Integrations
APPROVED

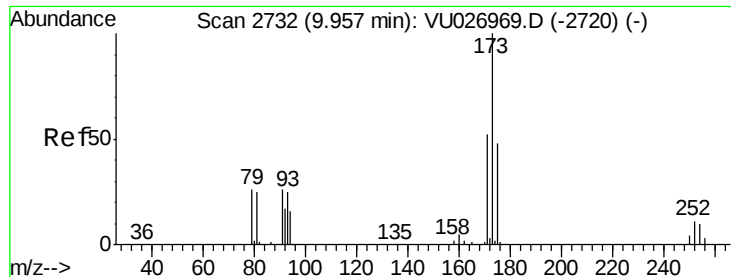
MMDadoda
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#70
Styrene
Concen: 48.654 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion:104 Resp: 185177
Ion Ratio Lower Upper
104 100
78 53.6 43.0 64.4
103 54.2 44.1 66.1





#71

Bromoform

Concen: 53.272 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 49695

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

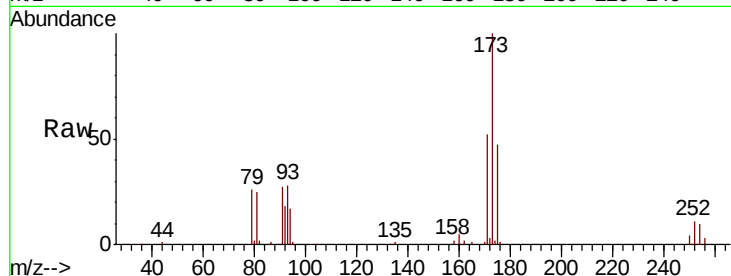
254 0.0 0.0 0.0

Manual Integrations

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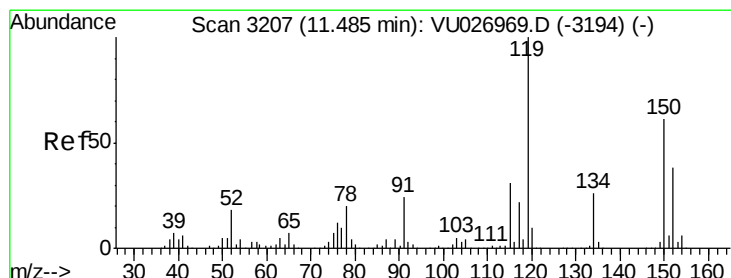
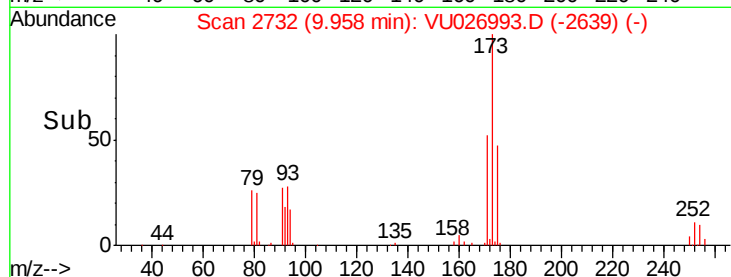
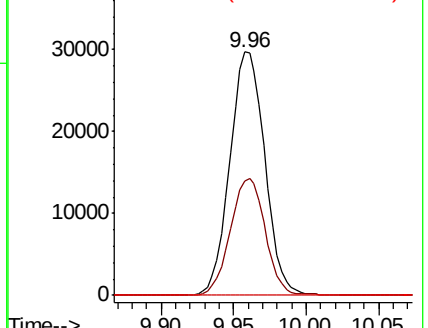
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

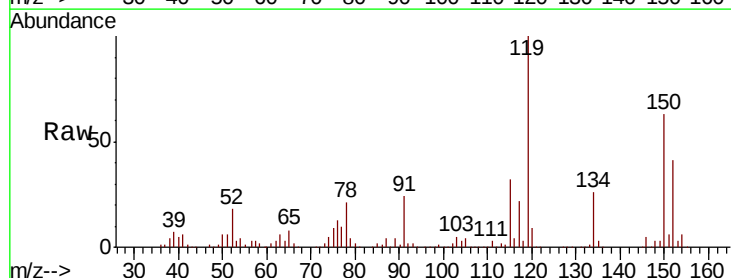
Tgt Ion:152 Resp: 72330

Ion Ratio Lower Upper

152 100

115 88.4 44.9 134.5

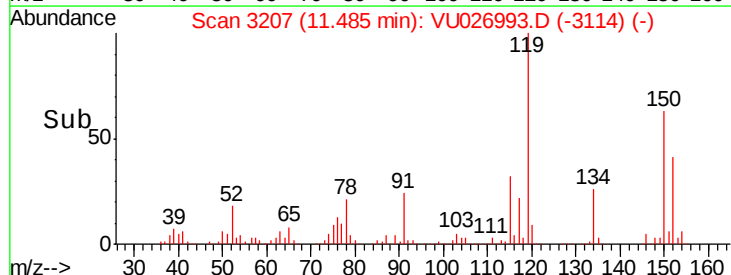
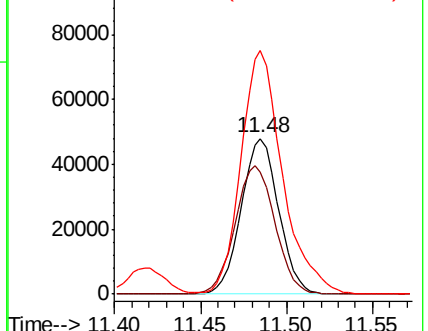
150 174.2 0.0 355.8

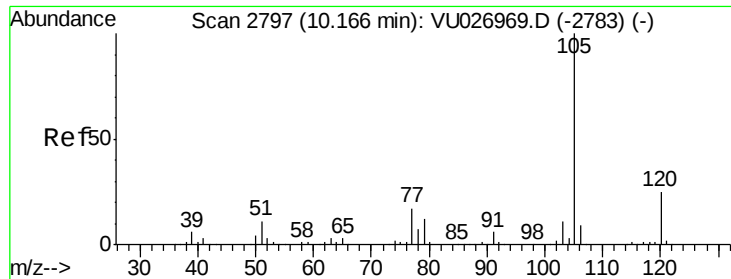


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.574 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 289268

Ion Ratio Lower Upper

105 100

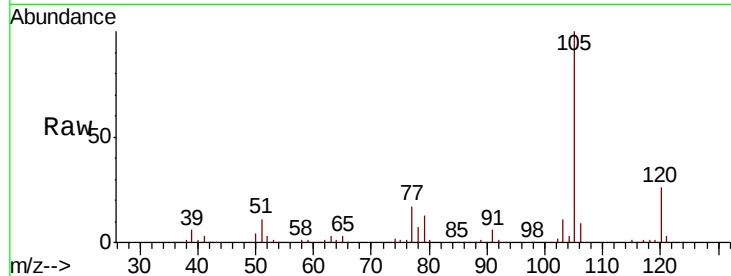
120 25.6 12.8 38.4

Manual Integrations

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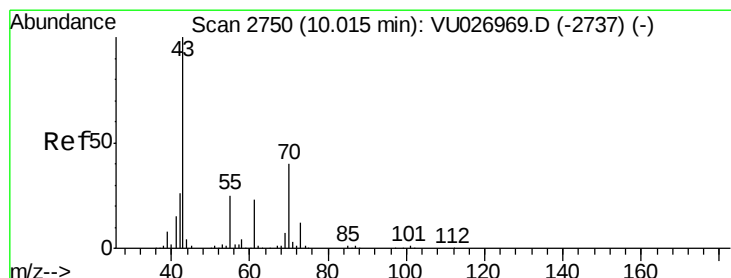
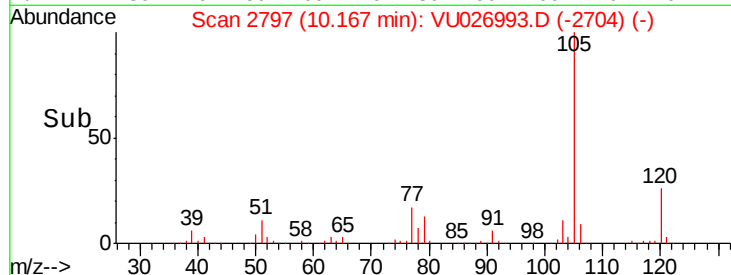
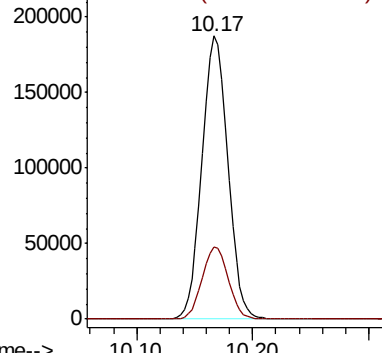
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.807 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion: 43 Resp: 177737

Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 24.8 19.9 29.9

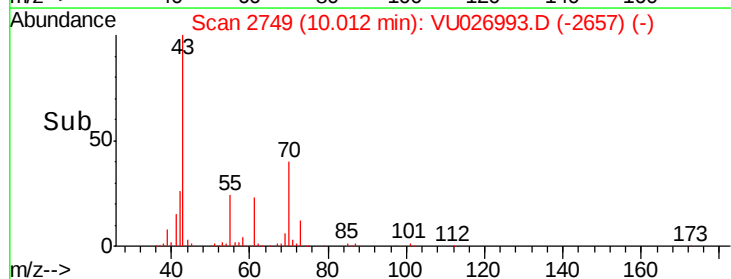
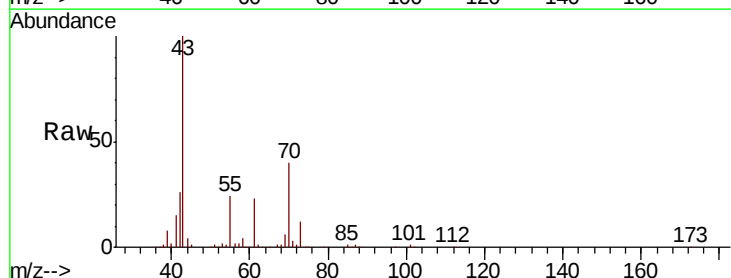
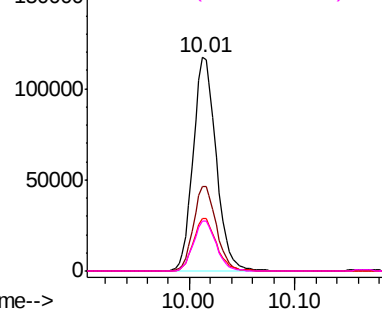
61 23.1 18.4 27.6

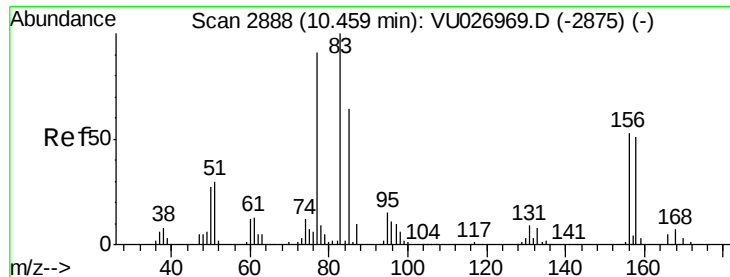
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.858 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

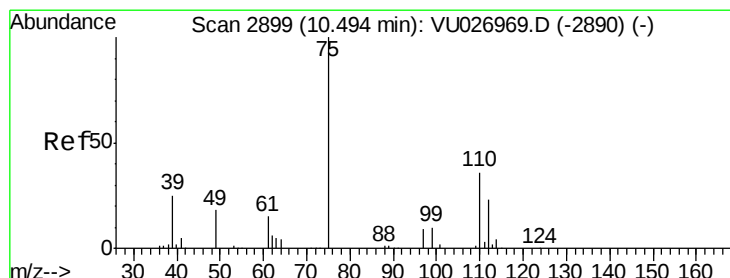
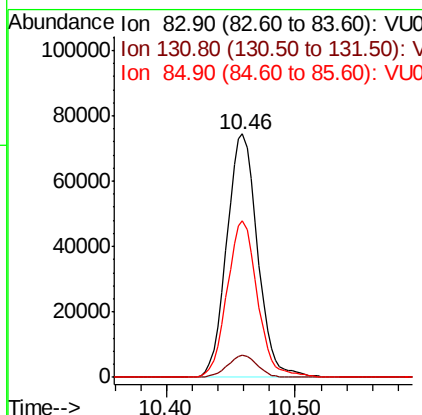
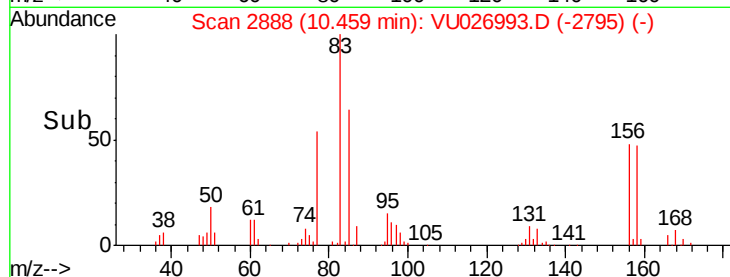
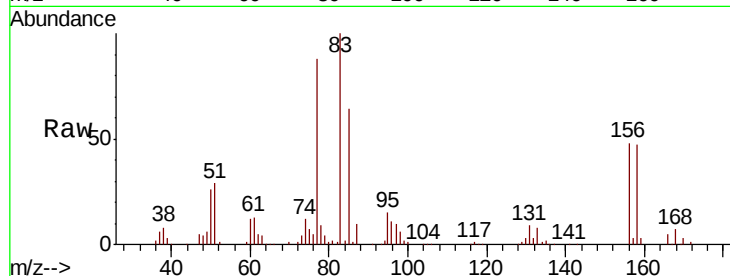
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	123597
Ion Ratio	Lower	Upper	
83	100		
131	8.5	4.3	12.8
85	63.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.459 ug/l m

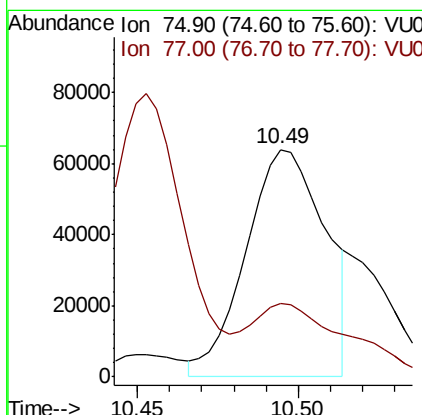
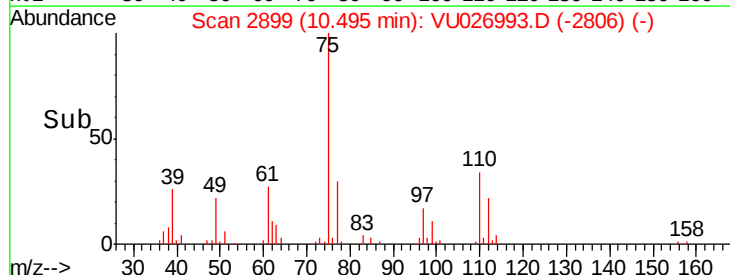
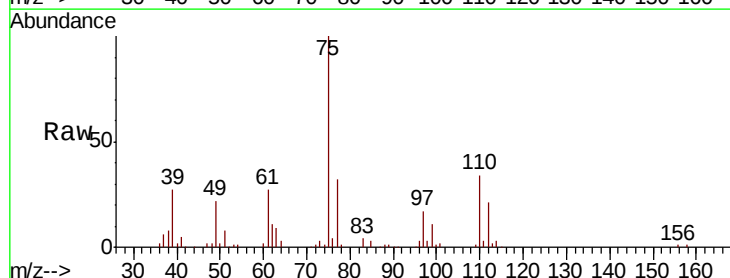
RT: 10.49 min Scan# 2899

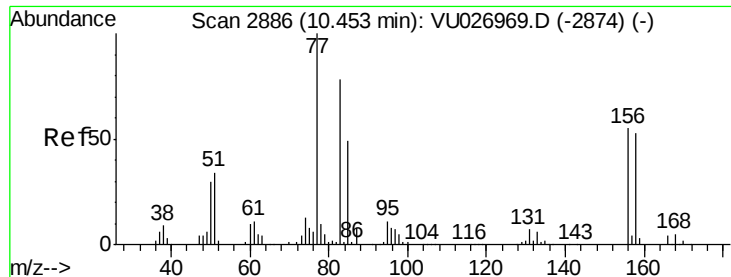
Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion:	75	Resp:	110877
Ion Ratio	Lower	Upper	
75	100		
77	38.7	20.9	62.8





#77

Bromobenzene

Concen: 50.453 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

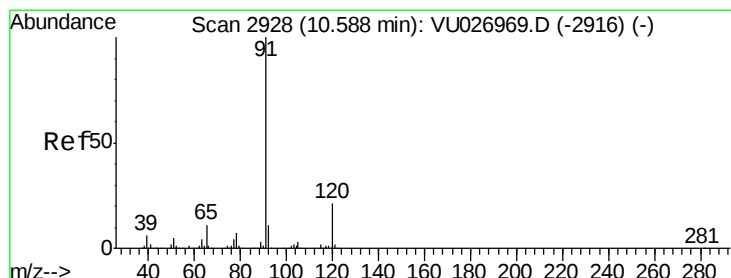
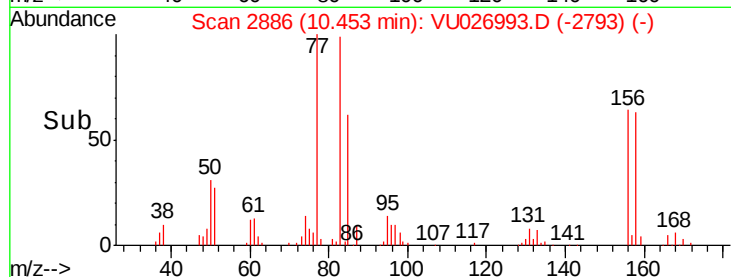
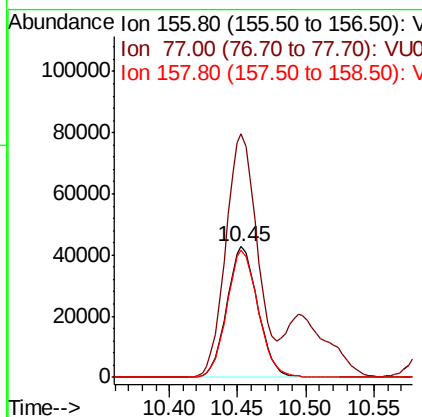
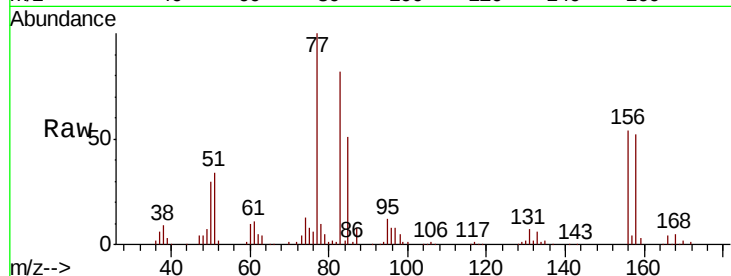
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	67835
Ion	Ratio	Lower	Upper
156	100		
77	189.1	92.3	276.9
158	97.7	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.615 ug/l

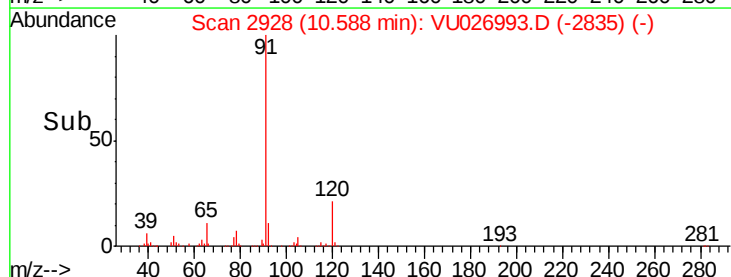
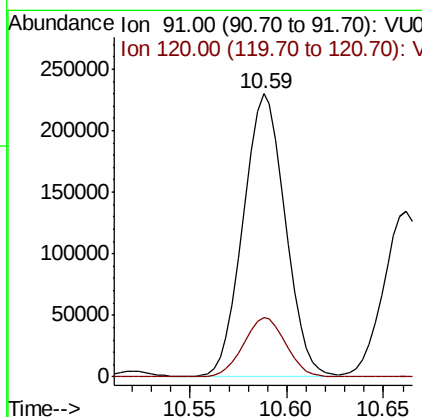
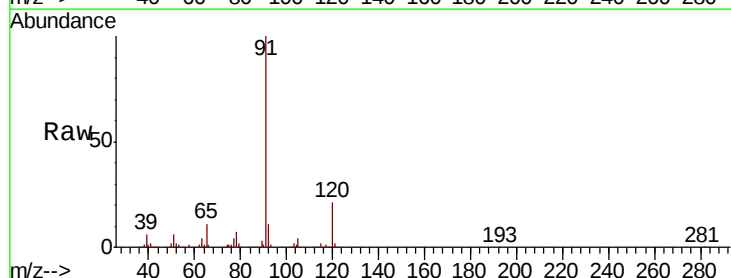
RT: 10.59 min Scan# 2928

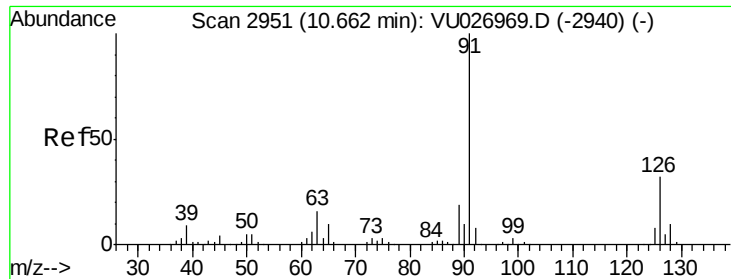
Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion:	91	Resp:	349045
Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.6	31.8





#79

2-Chlorotoluene

Concen: 51.808 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 211854

Ion Ratio Lower Upper

91 100

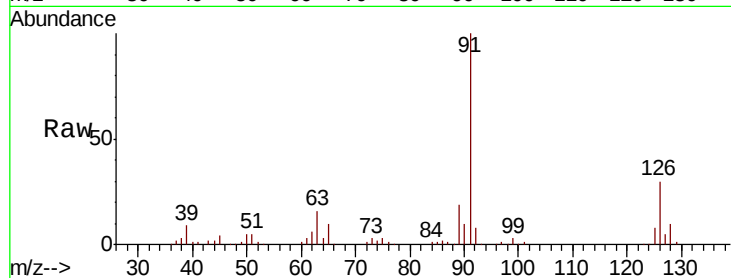
126 31.0 15.8 47.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

250000

200000

150000

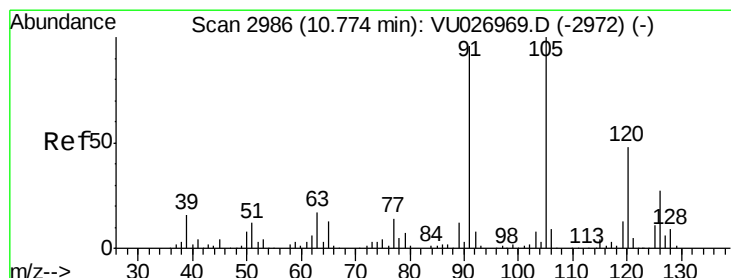
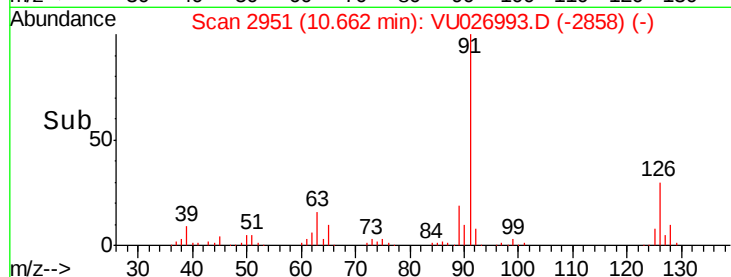
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.145 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026993.D

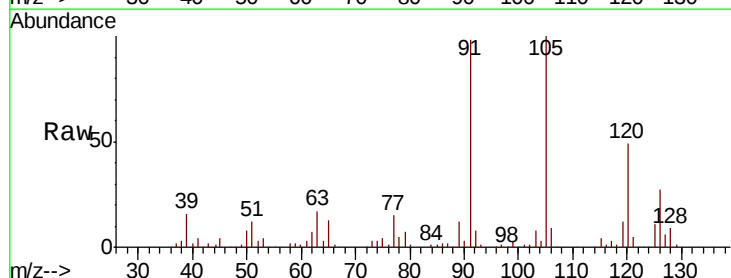
Acq: 22 Sep 2018 03:24

Tgt Ion:105 Resp: 241376

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)

150000

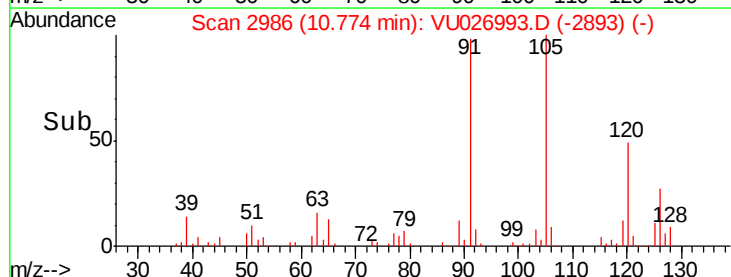
100000

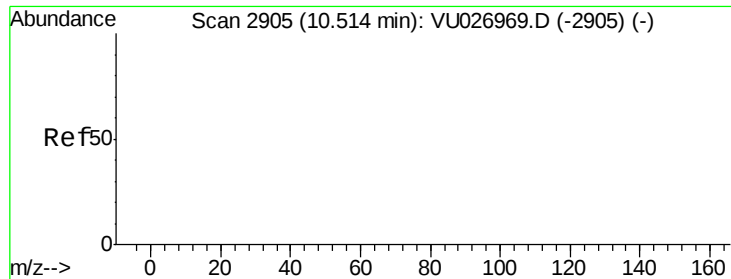
50000

0

10.70 10.80

Time-->





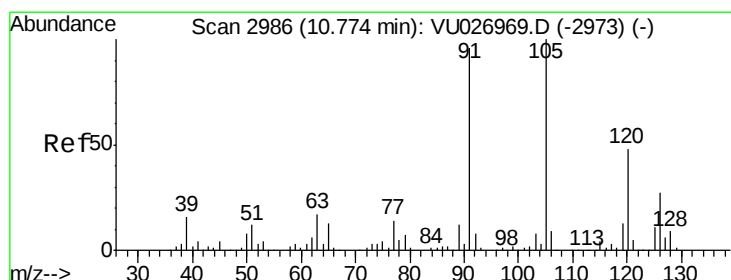
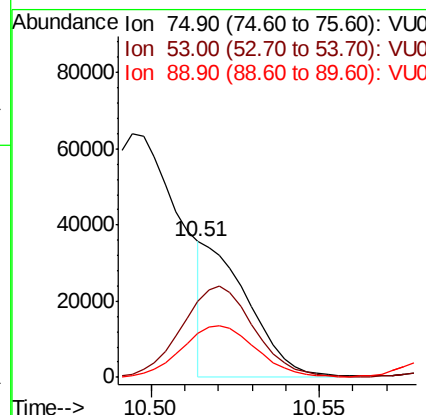
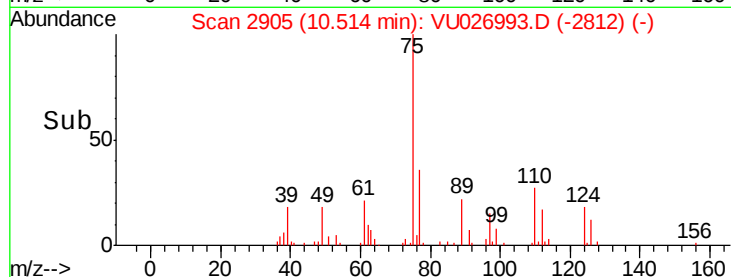
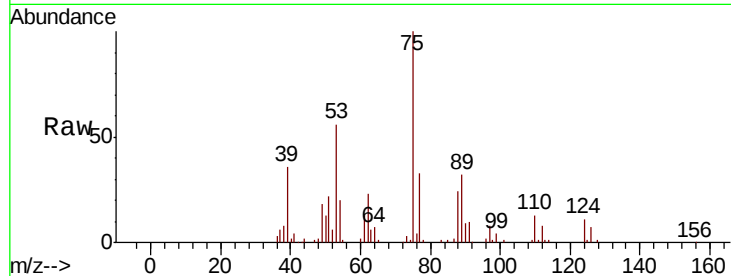
#81
trans-1,4-Dichloro-2-butene
Concen: 47.945 ug/l m
RT: 10.51 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

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

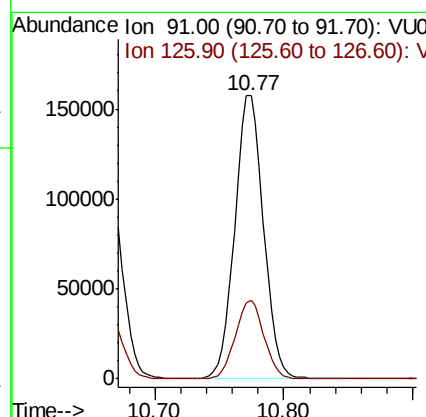
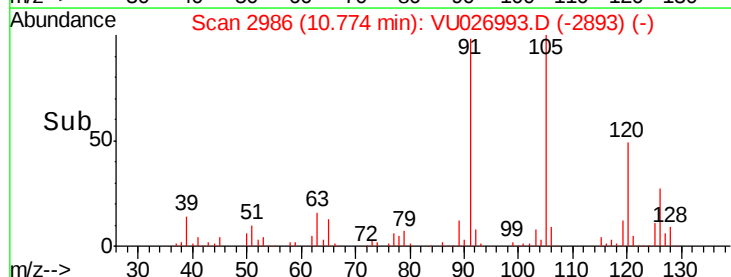
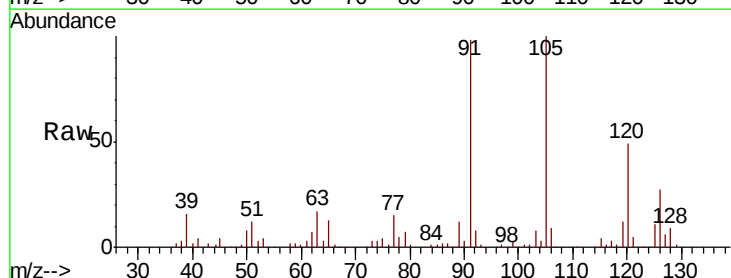
Manual Integrations
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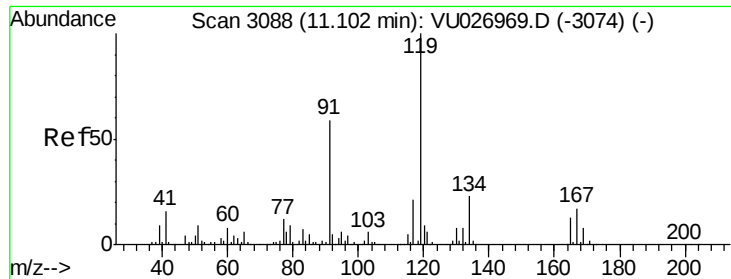
MMDadoda
9/24/2018 2:14:16 PM



#82
4-Chlorotoluene
Concen: 52.800 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.1	42.2





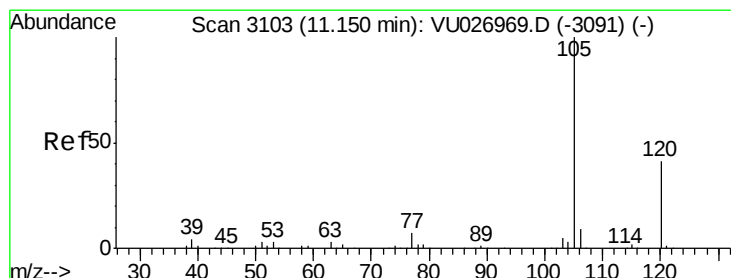
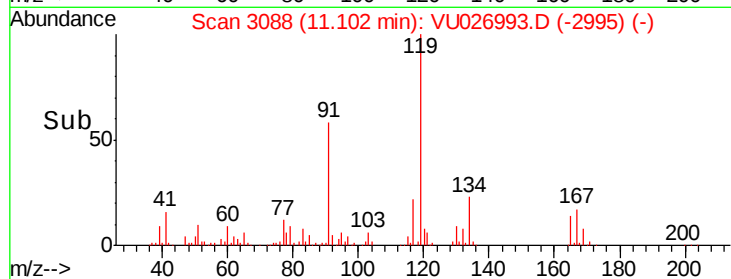
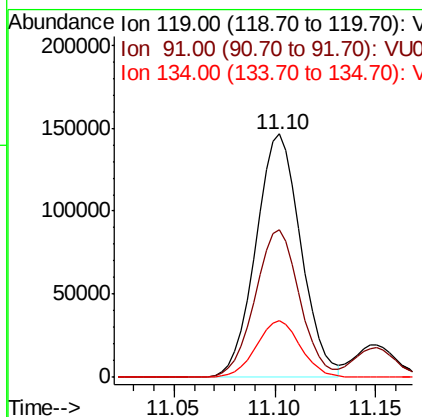
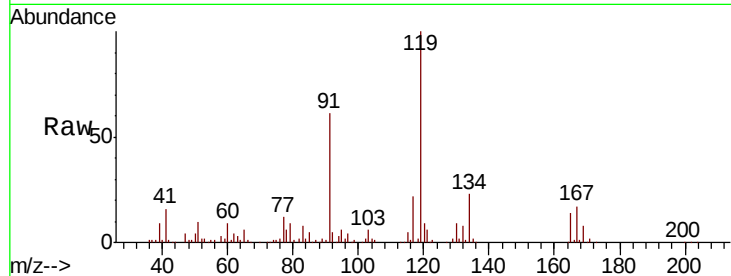
#83
tert-Butylbenzene
Concen: 50.901 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	228562		
91	59.9	29.8	89.4	
134	22.8	11.5	34.4	

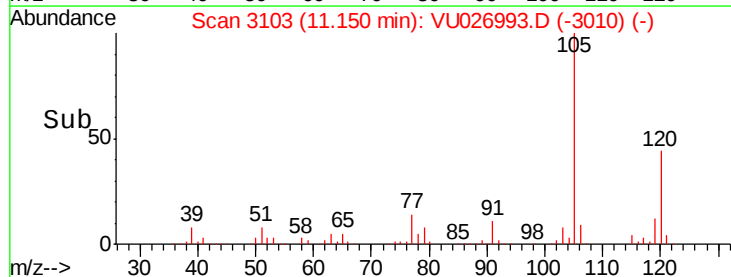
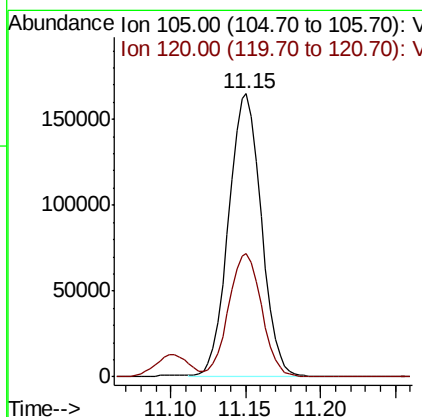
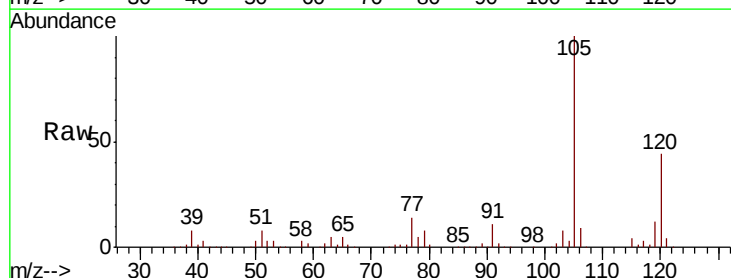
Manual Integrations
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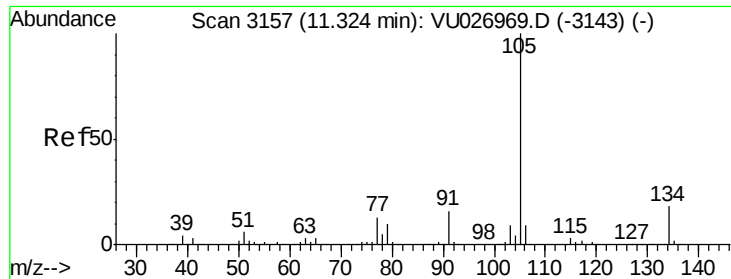
MMDadoda
9/24/2018 2:14:16 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.277 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250876		
120	44.2	22.4	67.2	





#85

sec-Butylbenzene

Concen: 52.575 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 288183

Ion Ratio Lower Upper

105 100

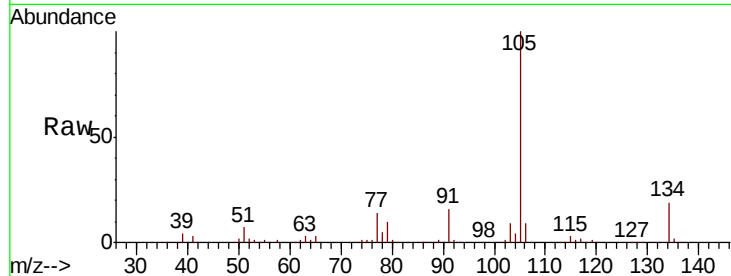
134 18.8 9.4 28.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

200000

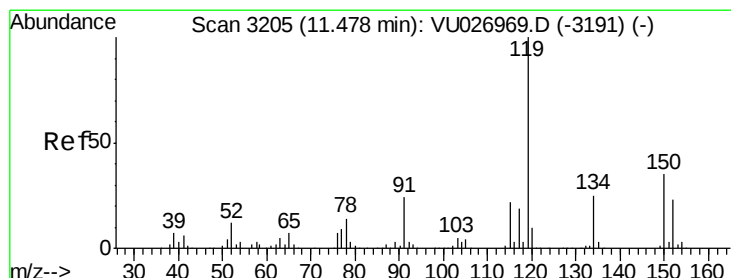
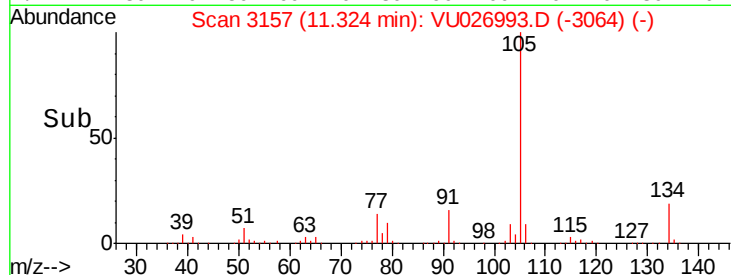
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.338 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

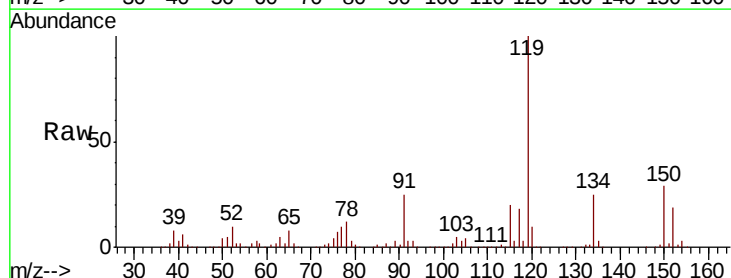
Tgt Ion:119 Resp: 248456

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 24.8 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

11.48

200000

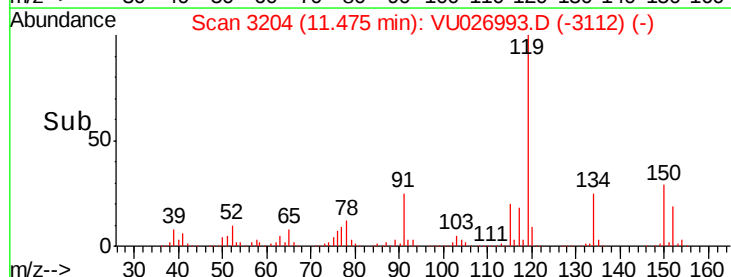
150000

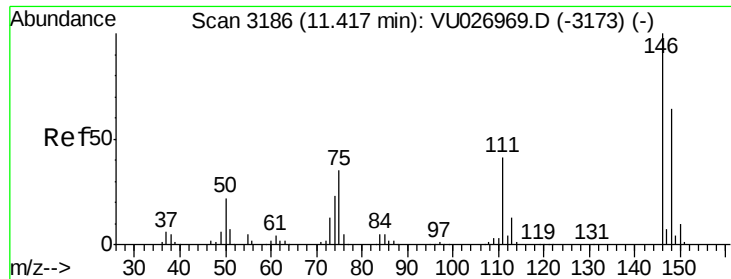
100000

50000

0

Time-->





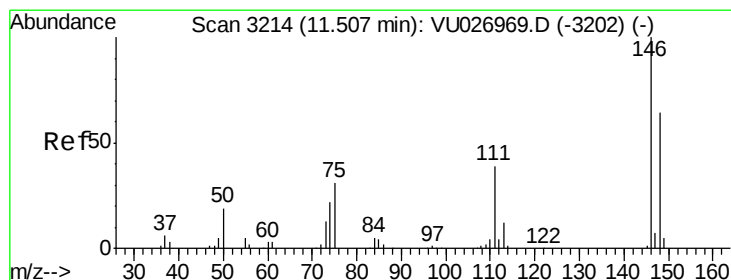
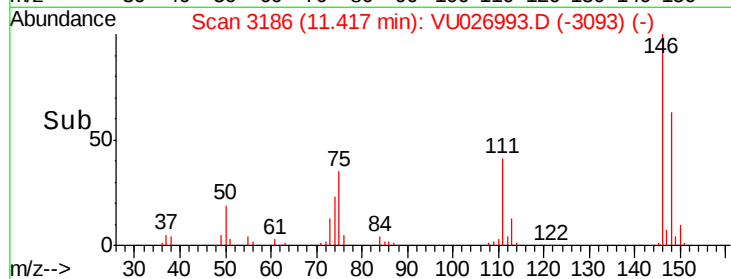
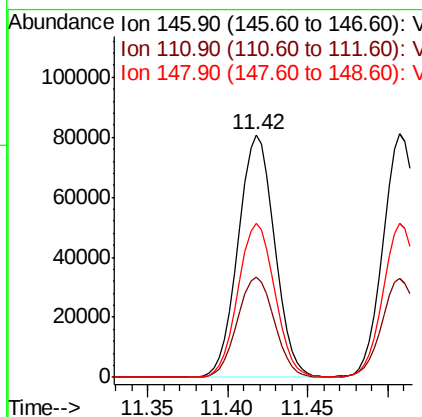
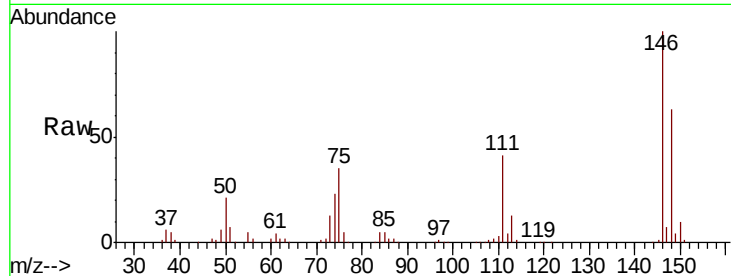
#87
 1,3-Dichlorobenzene
 Concen: 50.249 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	63.9	32.0	96.2

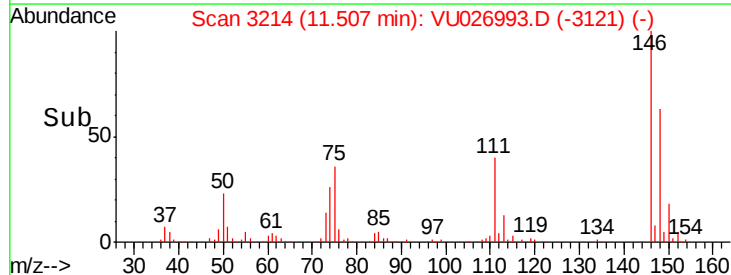
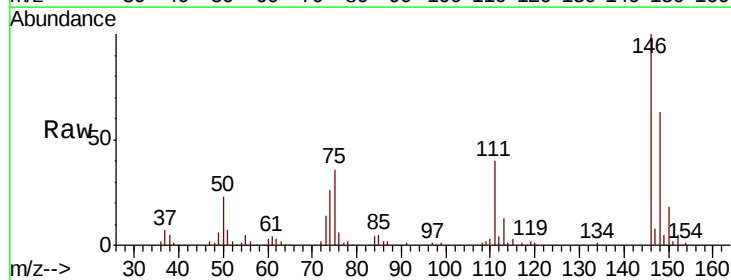
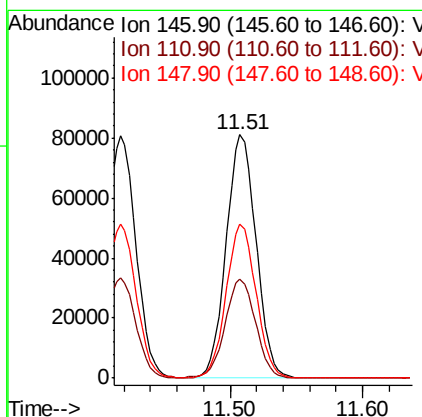
Manual Integrations
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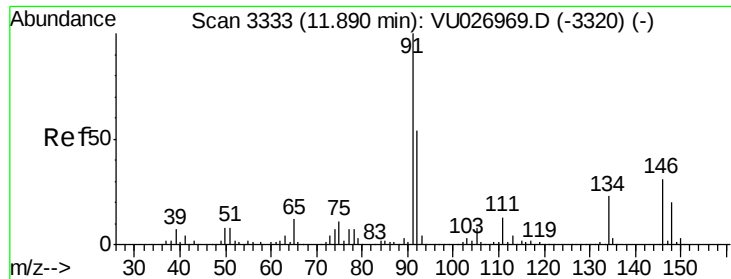
MMDadoda
 9/24/2018 2:14:16 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.711 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.9
148	63.1	31.9	95.9





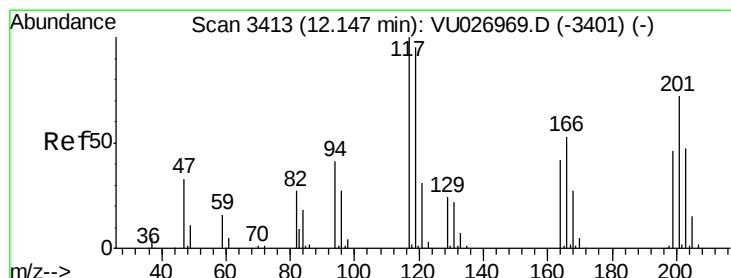
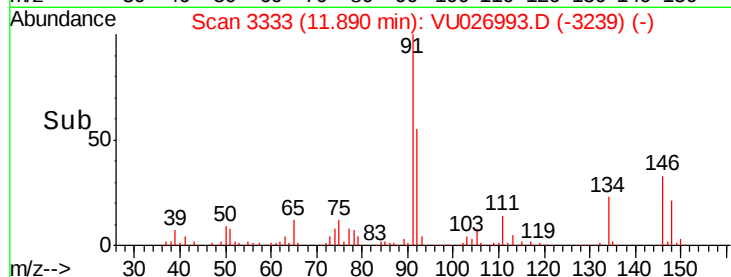
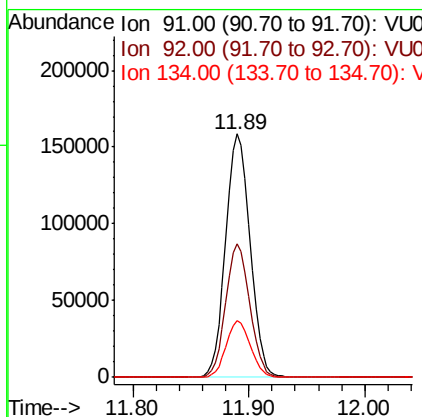
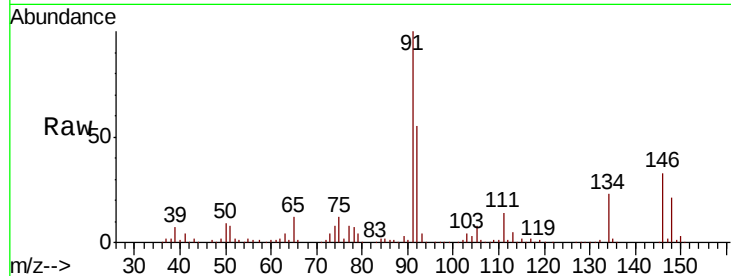
#89
n-Butylbenzene
Concen: 46.456 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.1	81.2
134	23.0	11.7	35.0

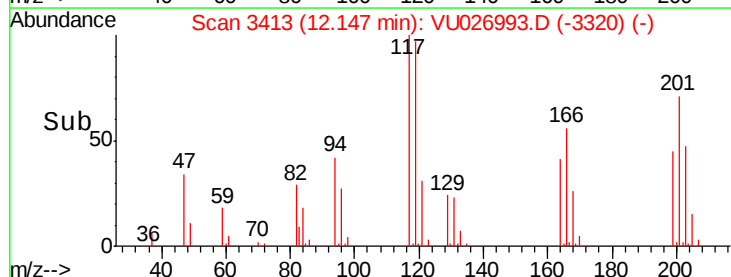
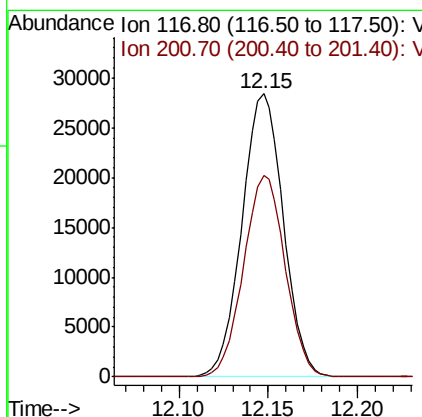
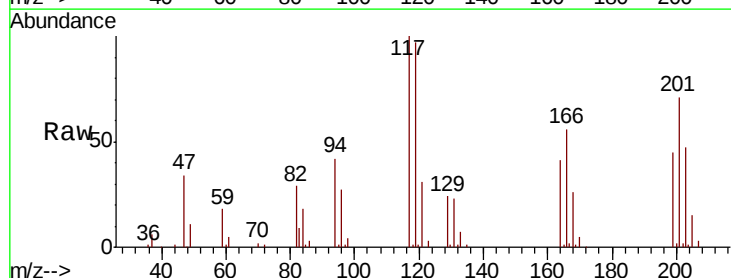
Manual Integrations
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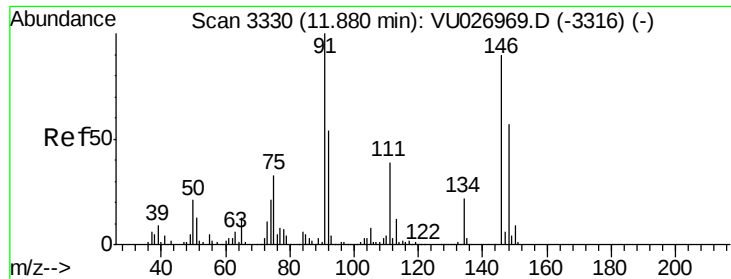
MMDadoda
9/24/2018 2:14:16 PM



#90
Hexachloroethane
Concen: 46.339 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026993.D
Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.4	36.8	110.3





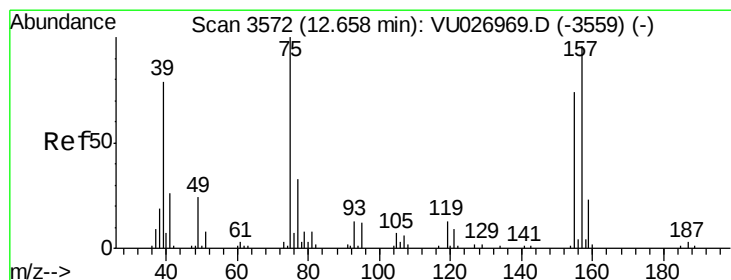
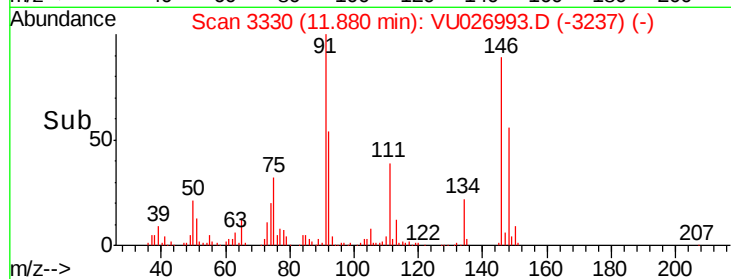
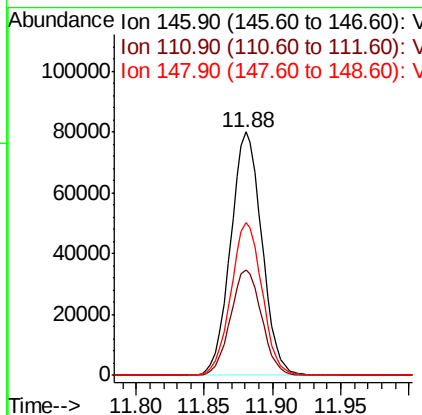
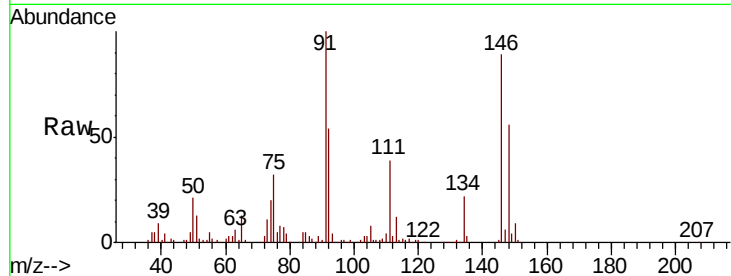
#91
 1,2-Dichlorobenzene
 Concen: 47.844 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.3
148	62.3	31.9	95.7

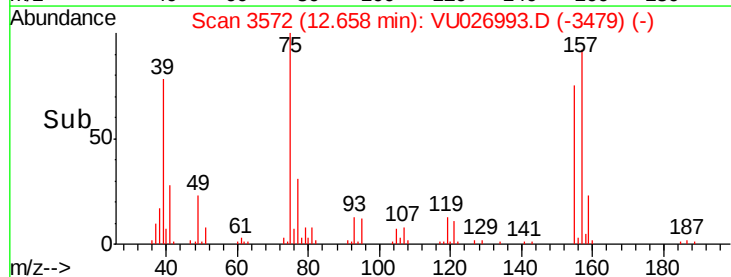
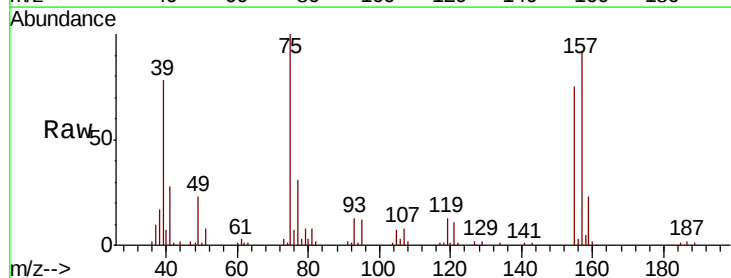
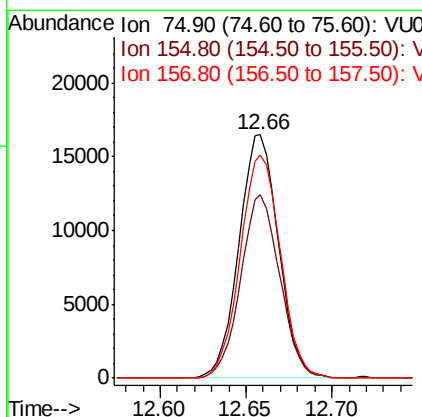
Manual Integrations
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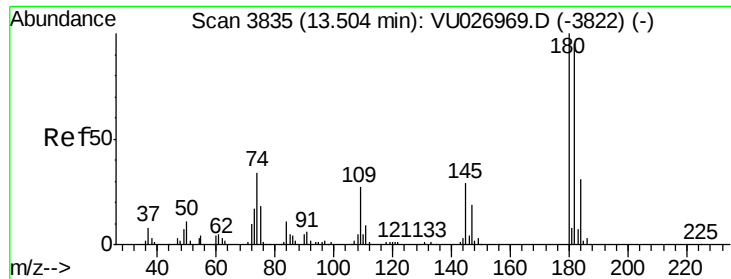
MMDadoda
 9/24/2018 2:14:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.104 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	36.6	109.8
157	92.9	47.4	142.2





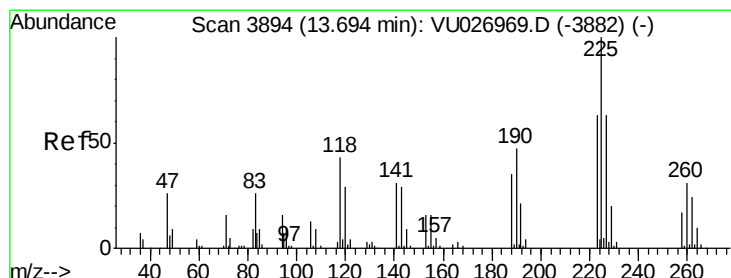
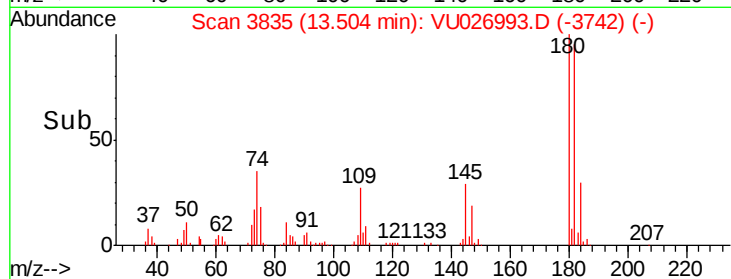
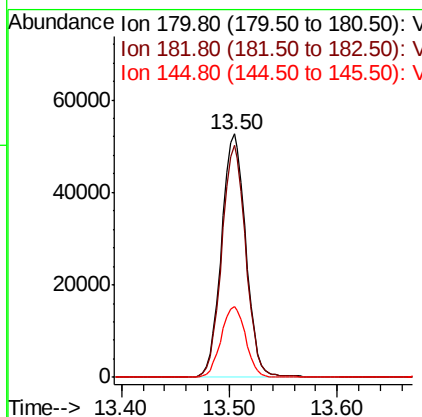
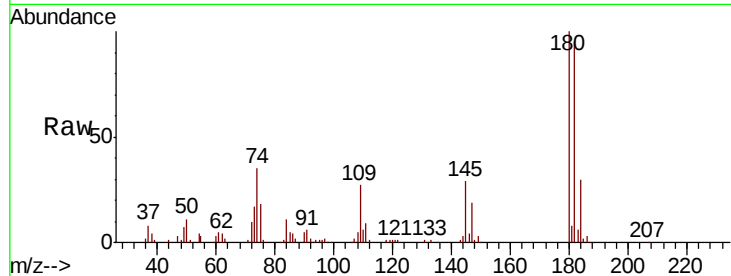
#93
 1,2,4-Trichlorobenzene
 Concen: 54.056 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82790		
182	94.0		47.4	142.2
145	29.3		14.9	44.5

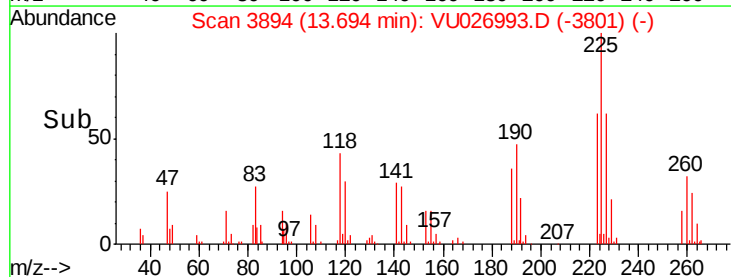
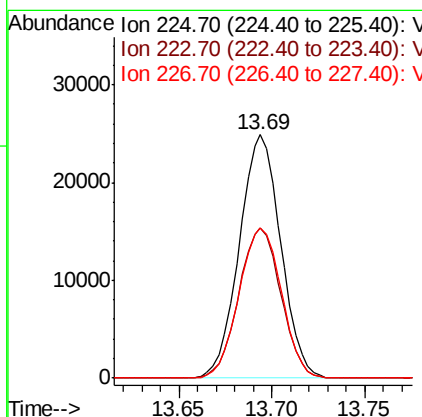
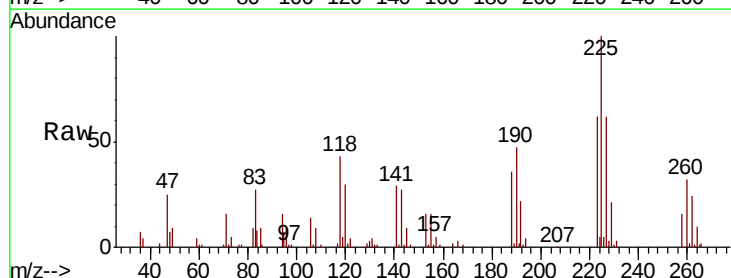
Manual Integrations
 APPROVED

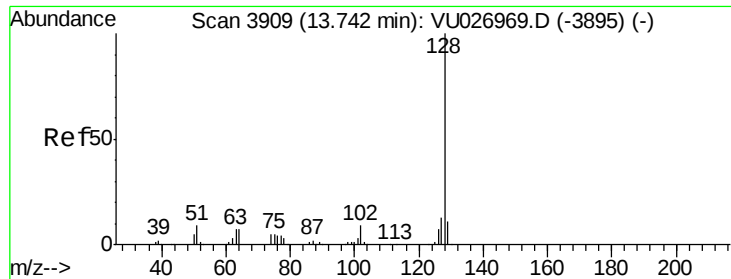
MMDadoda
 9/24/2018 2:14:16 PM



#94
 Hexachlorobutadiene
 Concen: 47.680 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026993.D
 Acq: 22 Sep 2018 03:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38639		
223	62.9		31.9	95.7
227	63.2		32.1	96.5





#95

Naphthalene

Concen: 49.986 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA_U

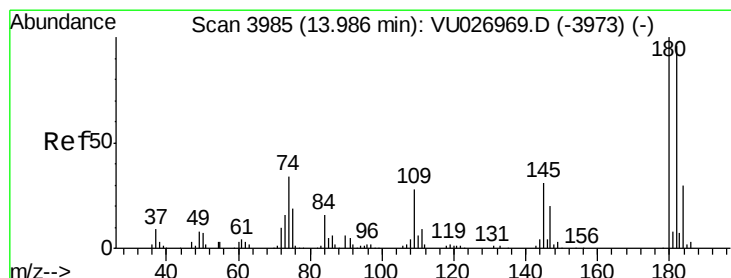
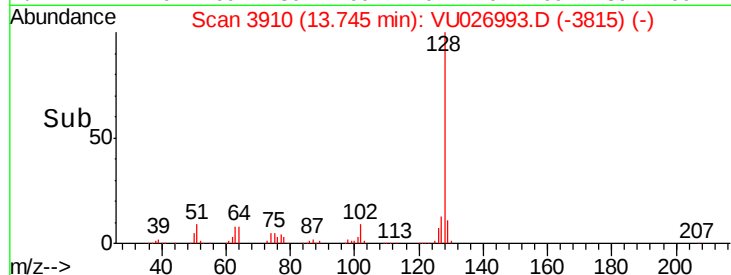
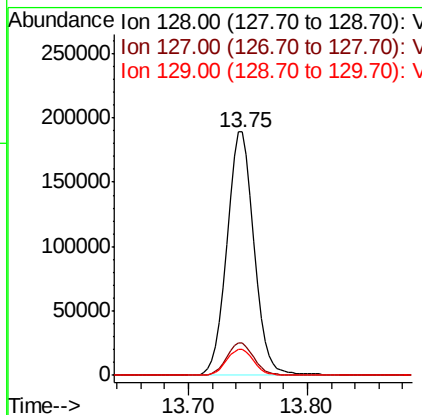
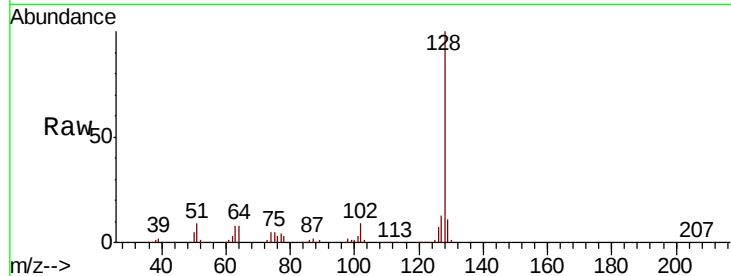
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	299325
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 53.185 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion:	180	Resp:	87353
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.5
145	31.5	15.4	46.4

