

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027212.D
 Acq On : 27 Sep 2018 05:27
 Operator : MD/SY
 Sample : J5048-10MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Manual Integrations
 APPROVED

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 9/27/2018 3:33:25 PM

Quant Time: Sep 27 08:21:00 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	78371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	141510	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87197	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	4.88	113	62719	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	7.57	98	233277	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	86238	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41694	40.747	ug/l	95
3) Chloromethane	1.33	50	67553	38.292	ug/l	100
4) Vinyl Chloride	1.40	62	71229	43.254	ug/l	100
5) Bromomethane	1.62	94	13690	14.598	ug/l	93
6) Chloroethane	1.69	64	48589	46.179	ug/l	100
7) Trichlorofluoromethane	1.88	101	83783	44.796	ug/l	99
8) Diethyl Ether	2.10	74	42037	46.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49833	43.333	ug/l	98
10) Methyl Iodide	2.41	142	10779	7.557	ug/l	99
11) Tert butyl alcohol	2.83	59	103253	285.593	ug/l	98
12) 1,1-Dichloroethene	2.28	96	49021	45.288	ug/l	97
13) Acrolein	2.19	56	33899	173.936	ug/l	100
14) Allyl chloride	2.59	41	110245	50.216	ug/l	97
15) Acrylonitrile	2.94	53	252005	276.559	ug/l	99
16) Acetone	2.32	43	226525	271.805	ug/l	99
17) Carbon Disulfide	2.48	76	148486	42.110	ug/l	100
18) Methyl Acetate	2.62	43	110951	49.420	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221934	55.795	ug/l	99
20) Methylene Chloride	2.70	84	66901	47.359	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	55812	48.294	ug/l	99
22) Diisopropyl ether	3.57	45	266351	56.721	ug/l	97
23) Vinyl Acetate	3.53	43	924342	230.925	ug/l	100
24) 1,1-Dichloroethane	3.45	63	135373	52.343	ug/l	100
25) 2-Butanone	4.26	43	361795	272.933	ug/l	99
26) 2,2-Dichloropropane	4.23	77	56145	27.836	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	76399	58.538	ug/l	96
28) Bromochloromethane	4.55	49	76617	61.456	ug/l	96
29) Tetrahydrofuran	4.64	42	233486	291.170	ug/l	97
30) Chloroform	4.67	83	120569	50.223	ug/l	98
31) Cyclohexane	5.00	56	111364	47.339	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	99467	51.894	ug/l	98
36) 1,1-Dichloropropene	5.14	75	85800	45.430	ug/l	99
37) Ethyl Acetate	4.38	43	107324	41.978	ug/l	100
38) Carbon Tetrachloride	5.14	117	82396	45.845	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	92162	44.905	ug/l	99
40) Benzene	5.39	78	265376	46.222	ug/l	99
41) Methacrylonitrile	4.54	41	73617	55.443	ug/l	97
42) 1,2-Dichloroethane	5.40	62	103451	47.692	ug/l	100
43) Isopropyl Acetate	5.55	43	182412	48.922	ug/l	99
44) Trichloroethene	6.19	130	63264	51.759	ug/l	100
45) 1,2-Dichloropropane	6.43	63	81415	49.767	ug/l	98
46) Dibromomethane	6.56	93	46531	47.096	ug/l	99
47) Bromodichloromethane	6.76	83	95833	47.969	ug/l	99
48) Methyl methacrylate	6.62	41	101276	49.906	ug/l	99
49) 1,4-Dioxane	6.61	88	37709	935.521	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	684535	272.972	ug/l	99
52) Toluene	7.64	92	161657	49.122	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	101657	47.360	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	106985	45.331	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69598	49.911	ug/l	99
56) Ethyl methacrylate	8.02	69	117974	48.814	ug/l	98
57) 1,3-Dichloropropane	8.24	76	128637	49.599	ug/l	100
59) 2-Hexanone	8.36	43	528790	269.380	ug/l	100
60) Dibromochloromethane	8.48	129	69670	50.935	ug/l	98
61) 1,2-Dibromoethane	8.59	107	70402	48.523	ug/l	99
64) Tetrachloroethene	8.23	164	46122	43.110	ug/l	98
65) Chlorobenzene	9.12	112	170057	46.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	61937	48.846	ug/l	99
67) Ethyl Benzene	9.25	91	302918	50.039	ug/l	100
68) m/p-Xylenes	9.38	106	223426	91.267	ug/l	99
69) o-Xylene	9.78	106	110585	51.558	ug/l	99
70) Stvrene	9.79	104	178264	44.711	ug/l	99
71) Bromoform	9.96	173	51924	52.954	ug/l #	100
73) Isopropylbenzene	10.17	105	297158	51.989	ug/l	99
74) N-amyl acetate	10.01	43	151852	45.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	122180	46.493	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	109504m	47.971	ug/l	
77) Bromobenzene	10.45	156	68980	49.386	ug/l	98
78) n-propylbenzene	10.59	91	348642	51.551	ug/l	99
79) 2-Chlorotoluene	10.66	91	209669	49.356	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	242607	51.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	34068m	47.761	ug/l	
82) 4-Chlorotoluene	10.77	91	239016	50.179	ug/l	99
83) tert-Butylbenzene	11.10	119	240982	51.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	249392	51.939	ug/l	98
85) sec-Butylbenzene	11.32	105	291412	51.177	ug/l	100
86) p-Isopropyltoluene	11.48	119	245547	46.031	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	124063	47.732	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	125584	44.332	ug/l	100
89) n-Butylbenzene	11.89	91	220965	43.013	ug/l	99
90) Hexachloroethane	12.15	117	47074	45.461	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	127696	46.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27413	51.133	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	80362	50.509	ug/l	99

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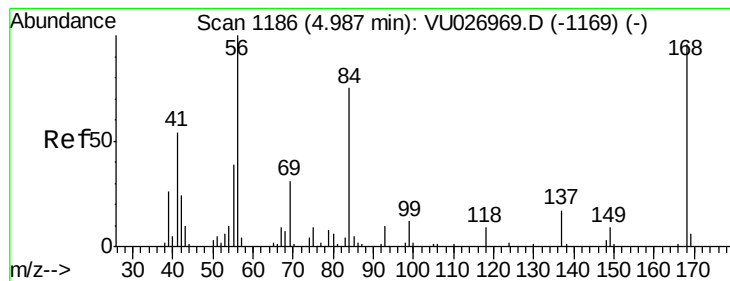
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36682	43.573	ug/l	99
95) Naphthalene	13.74	128	291196	46.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85592	50.164	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion:168 Resp: 78371

Ion Ratio Lower Upper

168 100

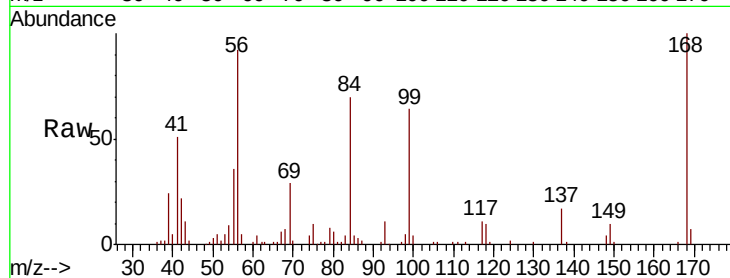
99 63.3 48.1 72.1

Manual Integrations

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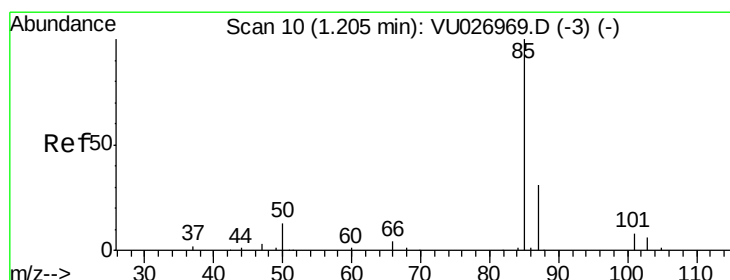
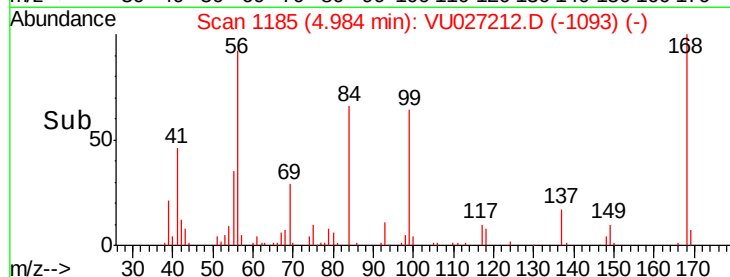
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.98

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 40.747 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027212.D

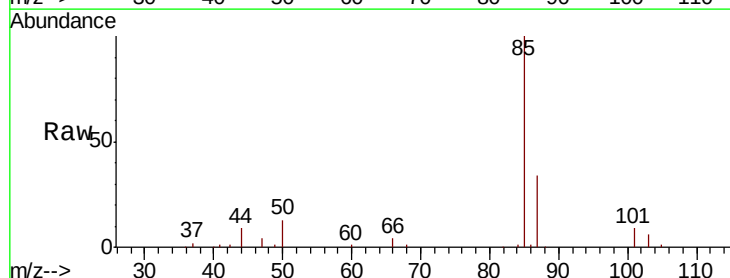
Acq: 27 Sep 2018 05:27

Tgt Ion: 85 Resp: 41694

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.7



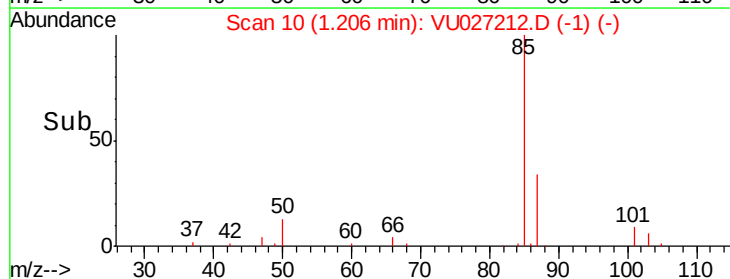
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

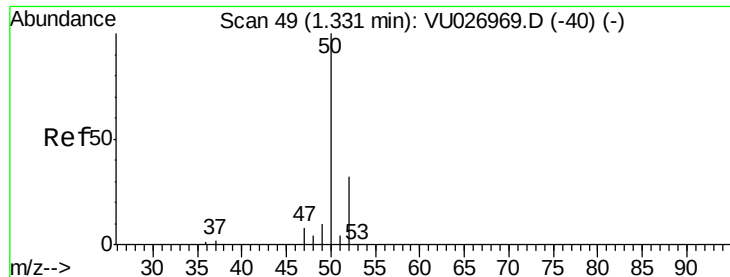
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 38.292 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 50 Resp: 67553

Ion Ratio Lower Upper

50 100

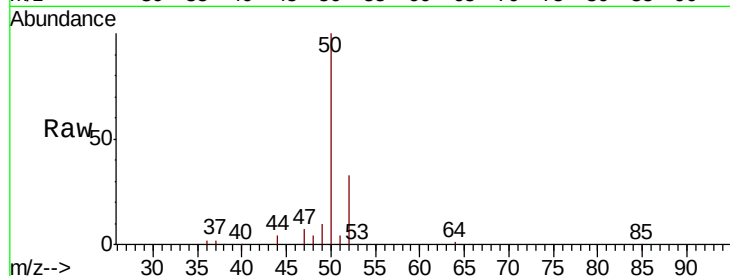
52 32.6 25.9 38.9

Manual Integrations

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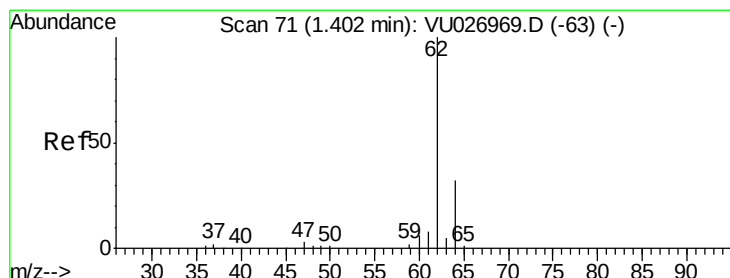
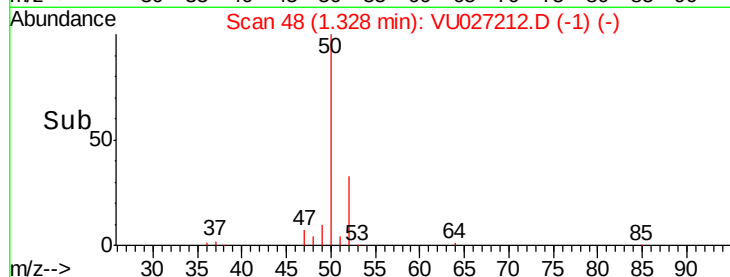
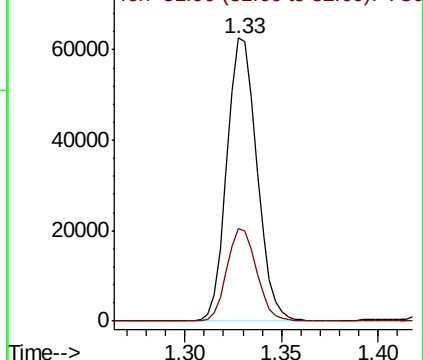
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 43.254 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027212.D

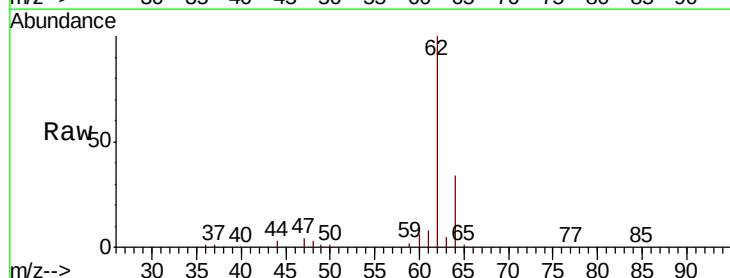
Acq: 27 Sep 2018 05:27

Tgt Ion: 62 Resp: 71229

Ion Ratio Lower Upper

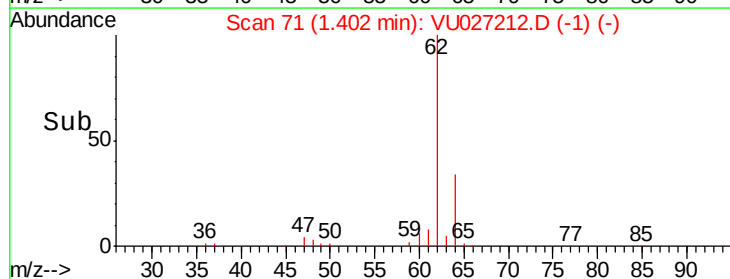
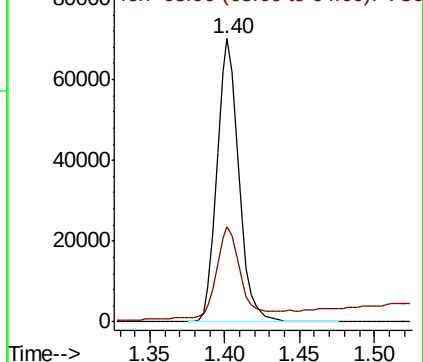
62 100

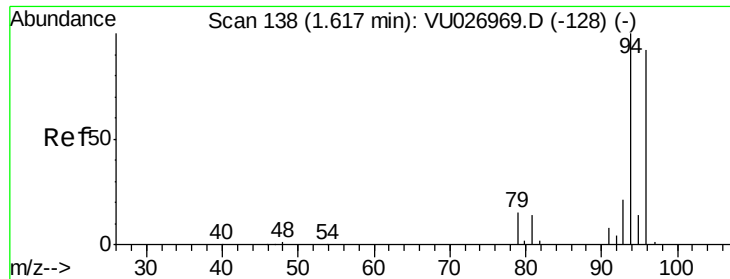
64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 14.598 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

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CMT-22-6-SEP18MS

Tot Ion: 94 Resp: 13690

Ion Ratio Lower Upper

94 100

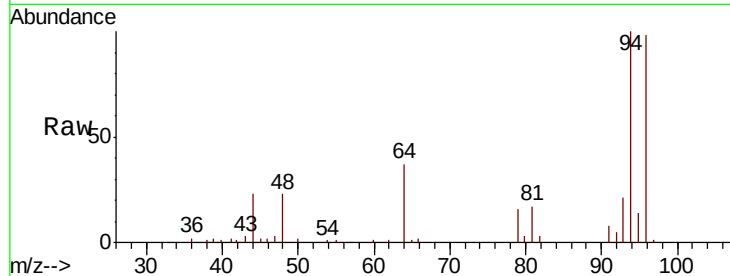
96 98.2 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

12000

10000

8000

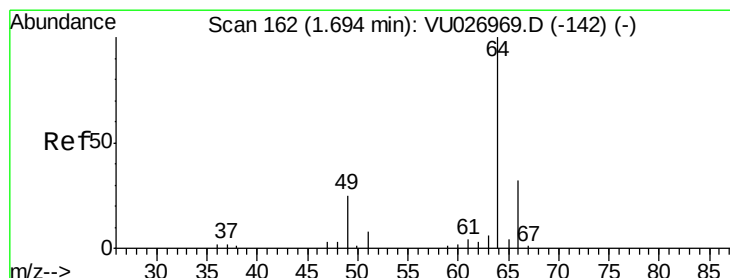
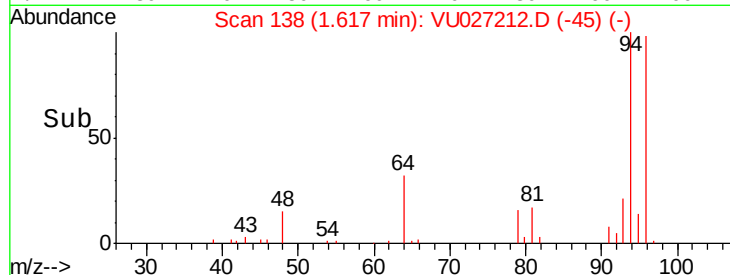
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 46.179 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027212.D

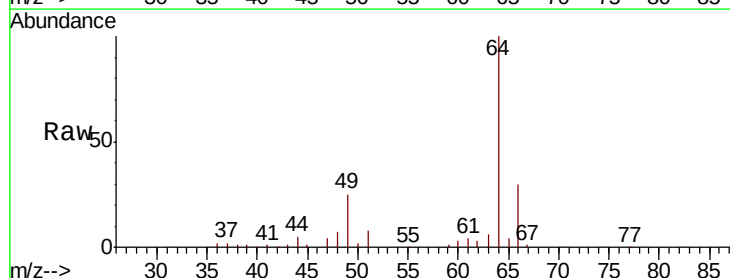
Acq: 27 Sep 2018 05:27

Tgt Ion: 64 Resp: 48589

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

40000

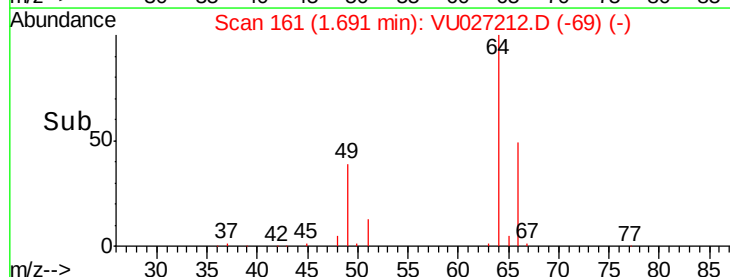
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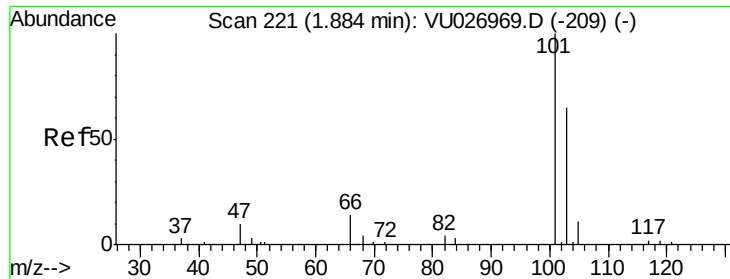
20000

10000

0

Time-->





#7

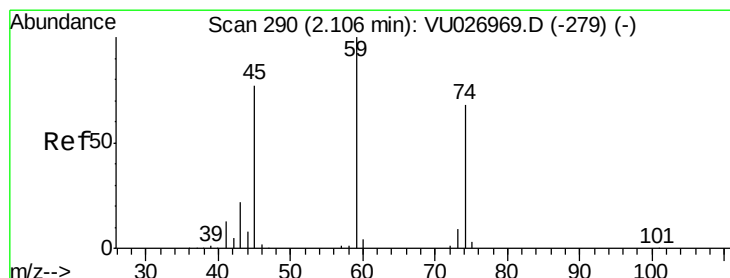
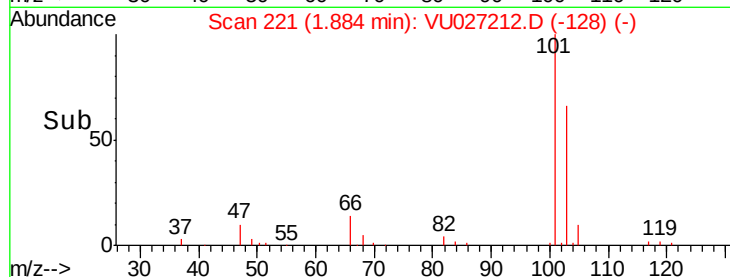
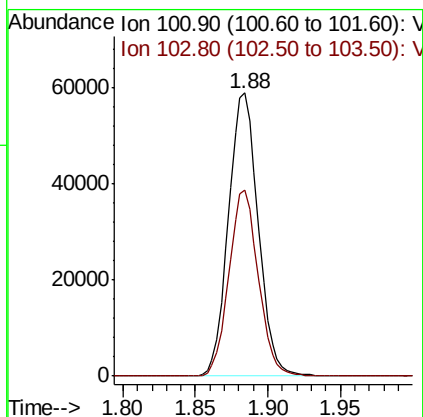
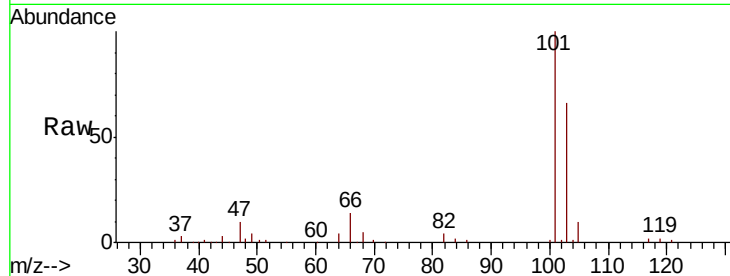
Trichlorofluoromethane
 Concen: 44.796 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
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 CMT-22-6-SEP18MS

Tot Ion:101 Resp: 83783
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2

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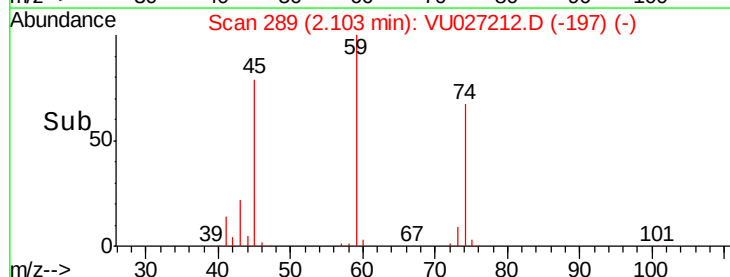
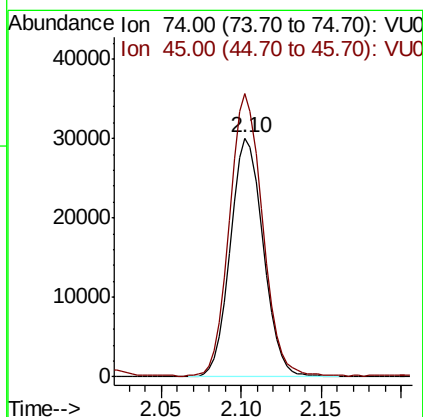
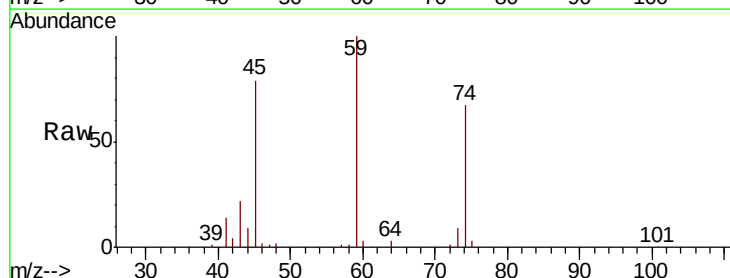
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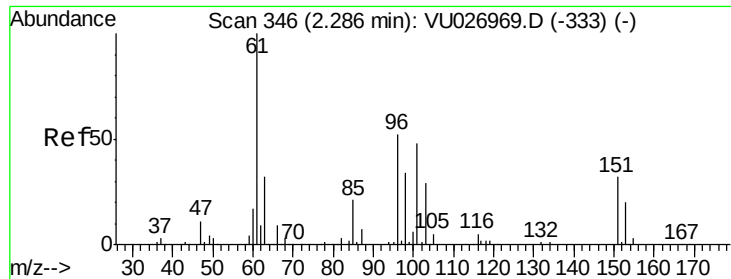


#8

Diethyl Ether
 Concen: 46.695 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 74 Resp: 42037
 Ion Ratio Lower Upper
 74 100
 45 118.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.333 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

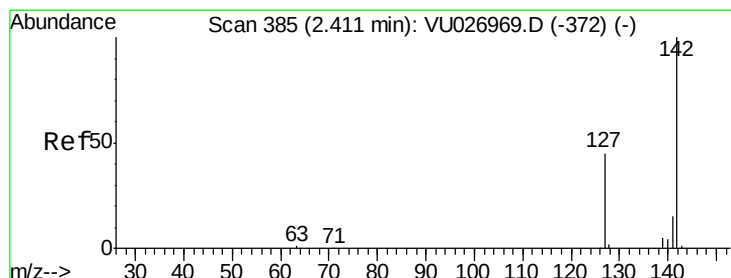
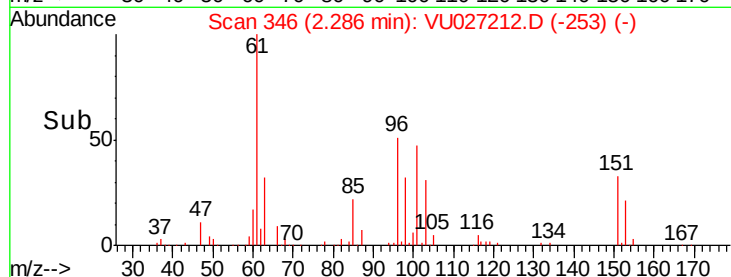
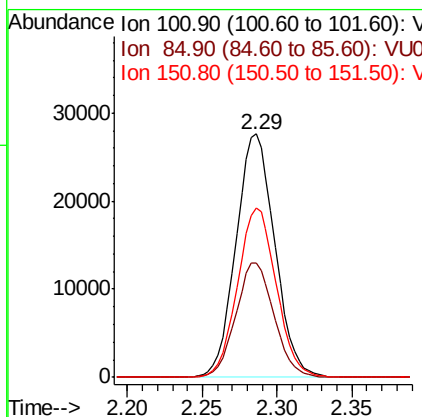
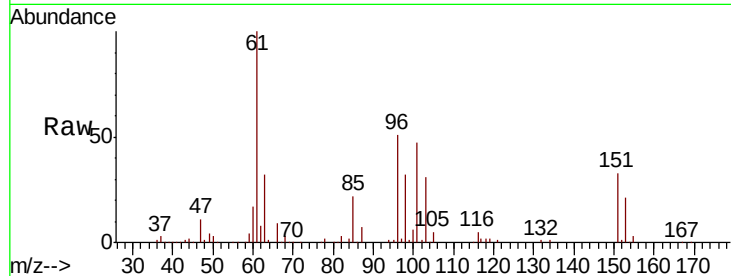
ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion:	101	Resp:	49833
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.2	54.2
151	69.2	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 7.557 ug/l

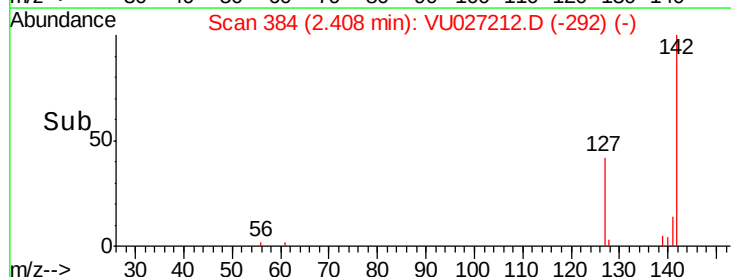
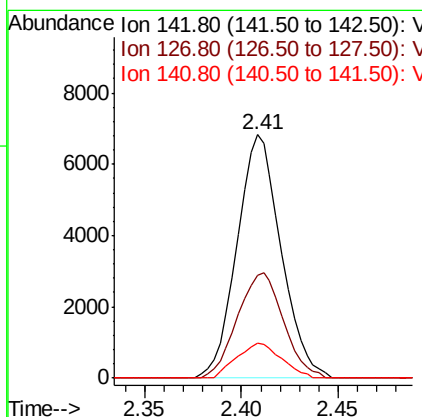
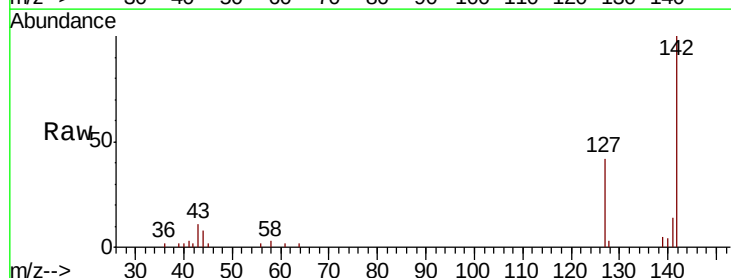
RT: 2.41 min Scan# 384

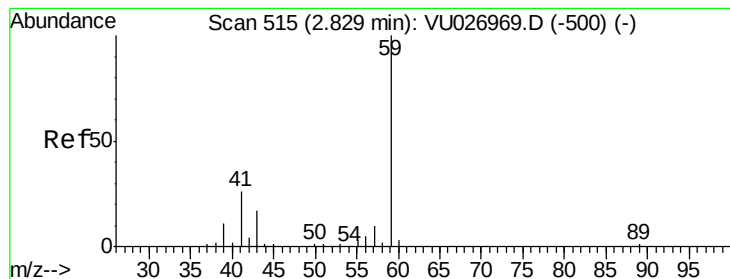
Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion:	142	Resp:	10779
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.7	55.1
141	14.6	11.8	17.6





#11

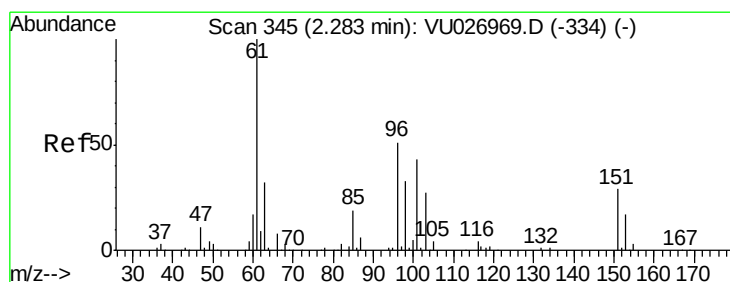
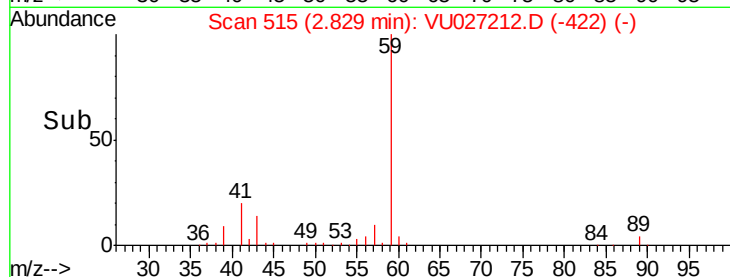
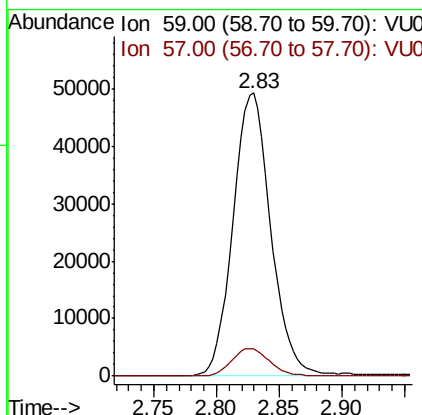
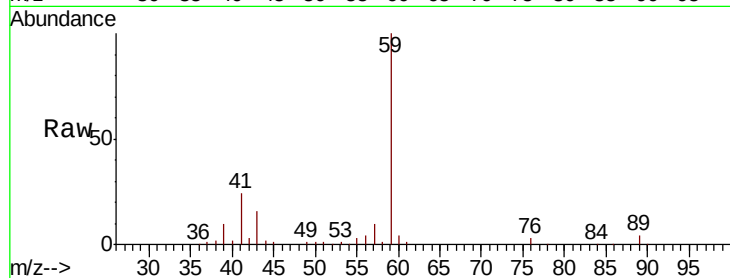
Tert butyl alcohol
 Concen: 285.593 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	59	57	Ratio	100	9.8	Resp	Lower	Upper
59	100							
57		9.8				8.5	12.7	

Manual Integrations
 APPROVED

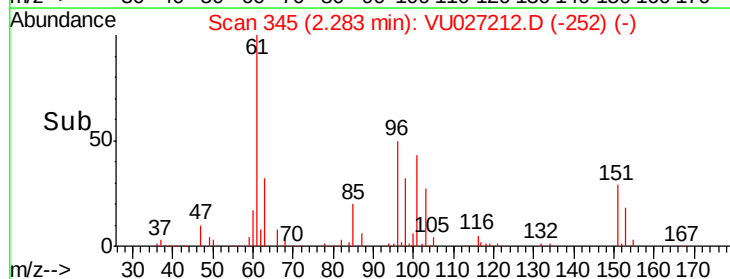
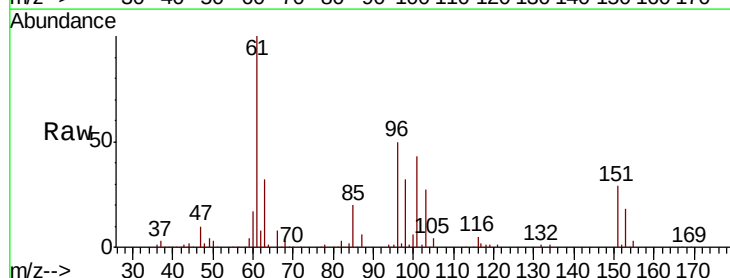
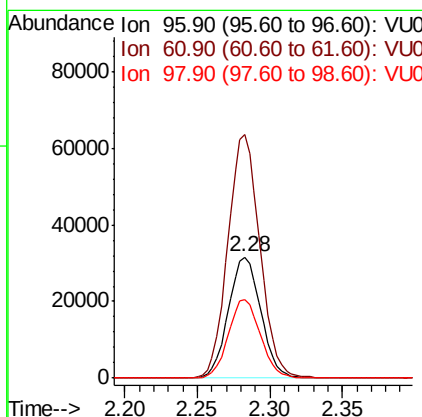
MMDadoda
 9/27/2018 3:33:25 PM

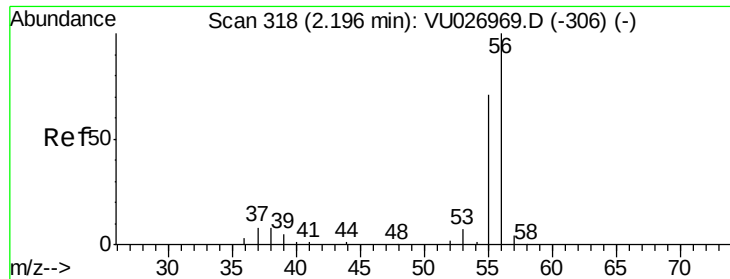


#12

1,1-Dichloroethene
 Concen: 45.288 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	96	61	98	Ratio	100	200.8	65.2	Resp	Lower	Upper
96	100									
61		200.8				156.1	234.1			
98		65.2				51.4	77.0			





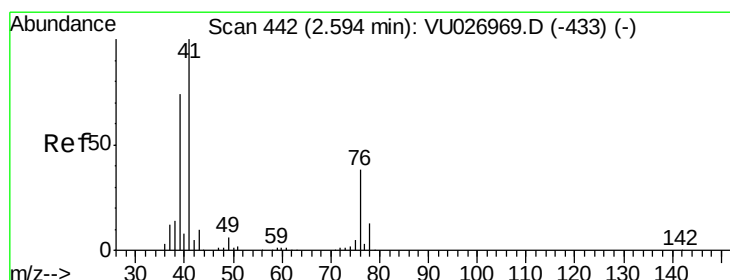
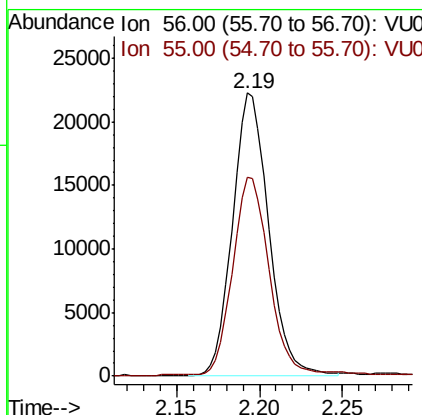
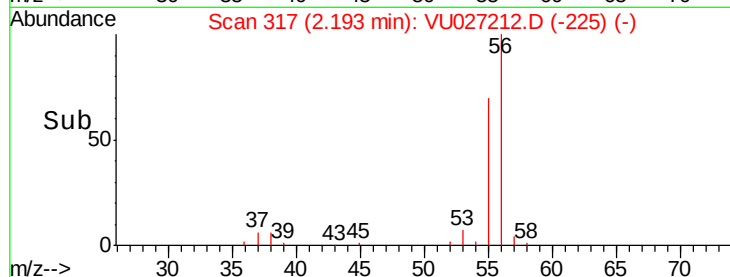
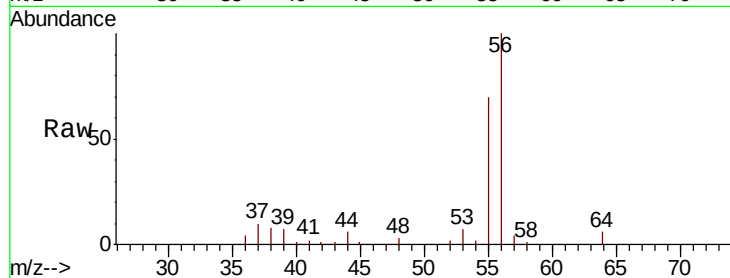
#13
Acrolein
Concen: 173.936 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 56 Resp: 33899
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

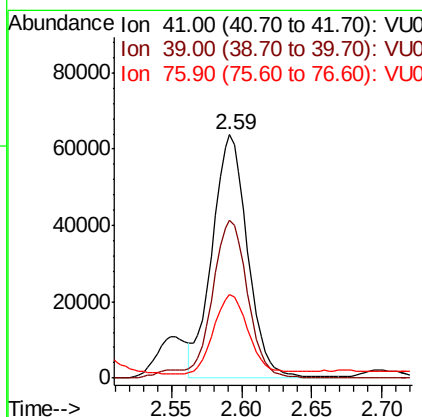
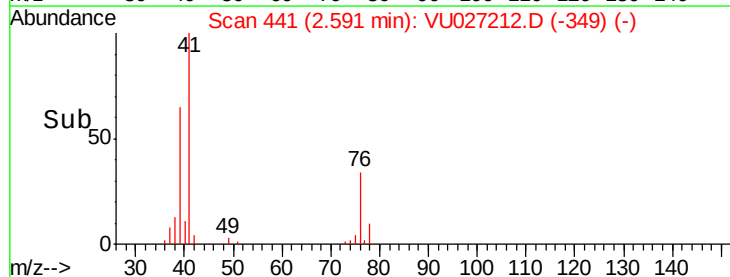
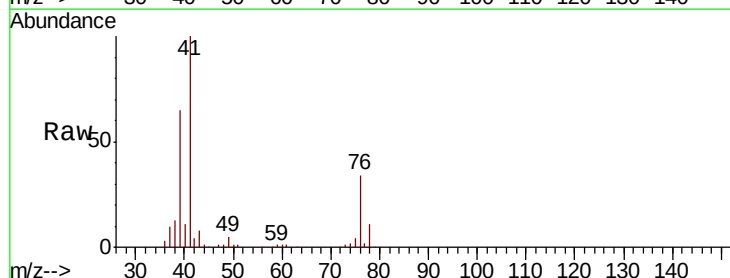
Manual Integrations
APPROVED

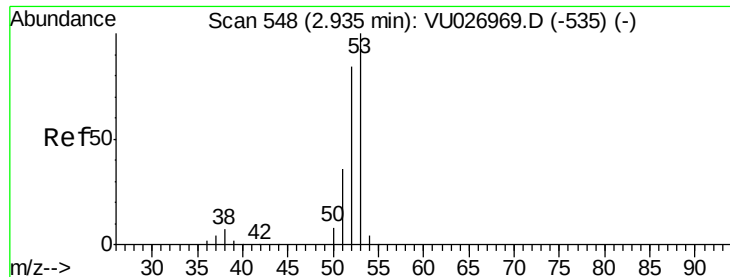
MMDadoda
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#14
Allyl chloride
Concen: 50.216 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 41 Resp: 110245
Ion Ratio Lower Upper
41 100
39 66.6 55.7 83.5
76 31.9 26.5 39.7





#15

Acrylonitrile

Concen: 276.559 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

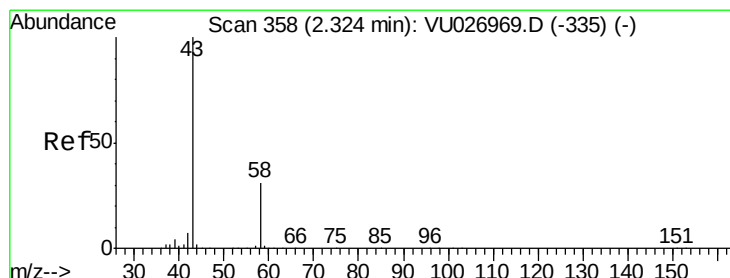
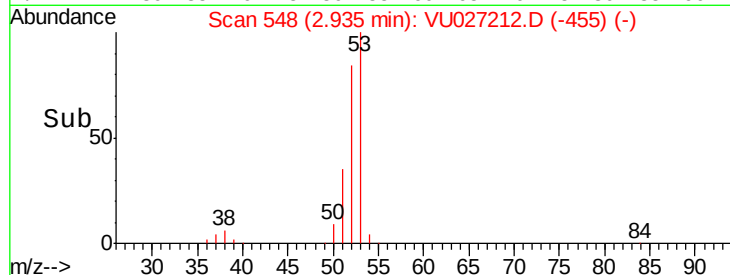
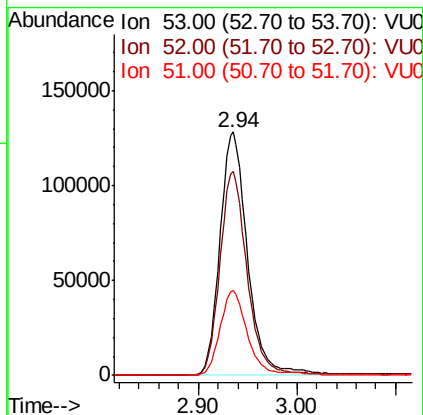
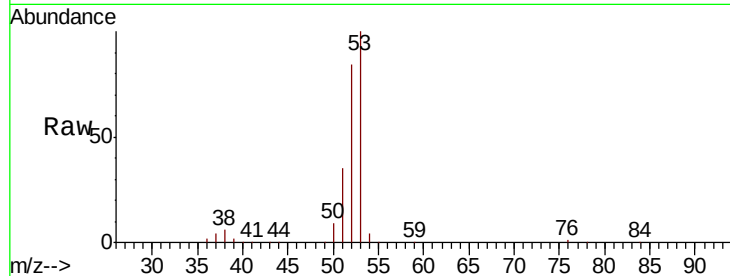
ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion:	53	Resp:	252005
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	34.0	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 271.805 ug/l

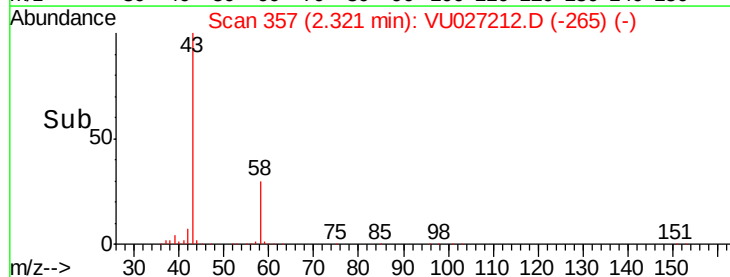
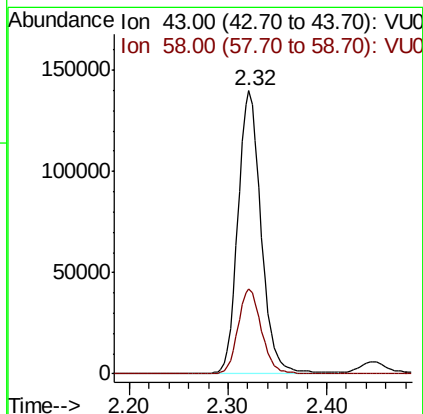
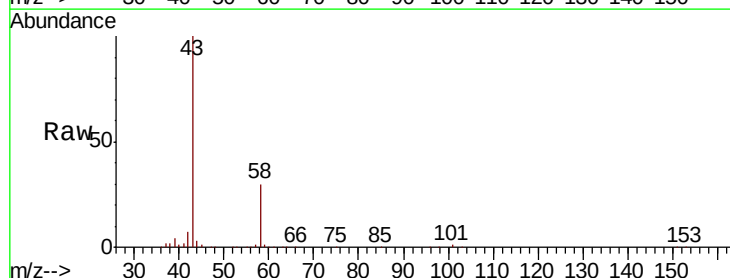
RT: 2.32 min Scan# 357

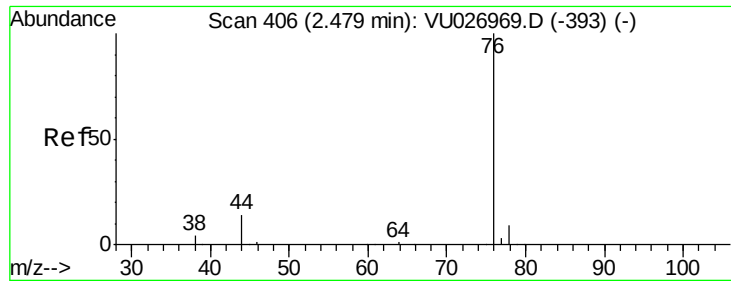
Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion:	43	Resp:	226525
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8





#17

Carbon Disulfide

Concen: 42.110 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 76 Resp: 148486

Ion Ratio Lower Upper

76 100

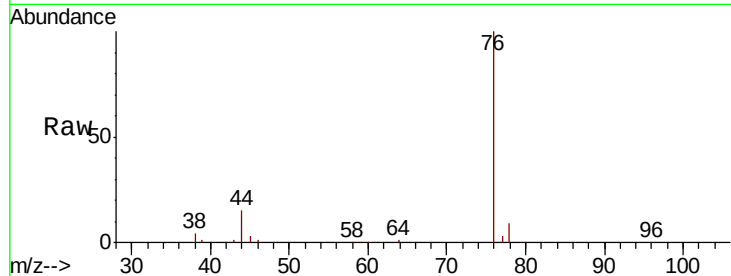
78 8.9 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

80000

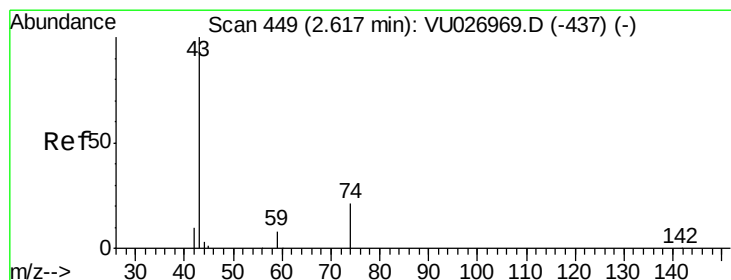
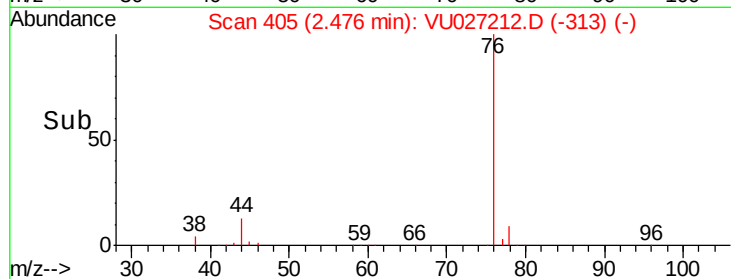
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.420 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027212.D

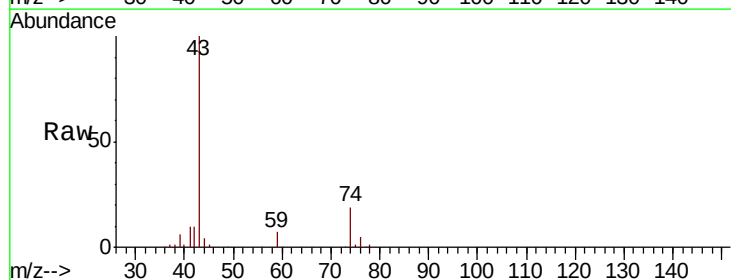
Acq: 27 Sep 2018 05:27

Tgt Ion: 43 Resp: 110951

Ion Ratio Lower Upper

43 100

74 20.1 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

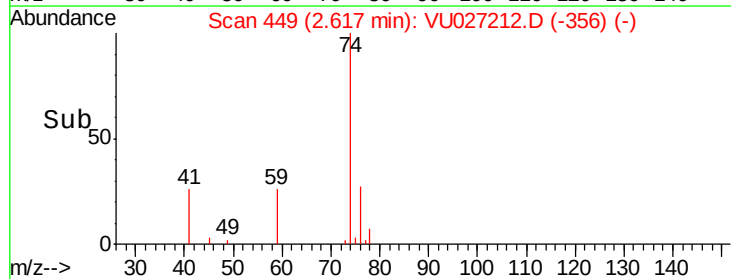
60000

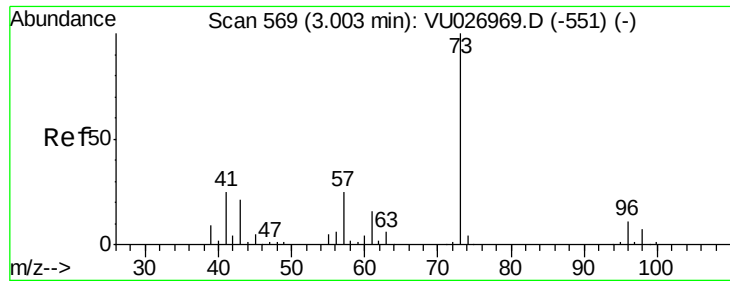
40000

20000

0

Time-->





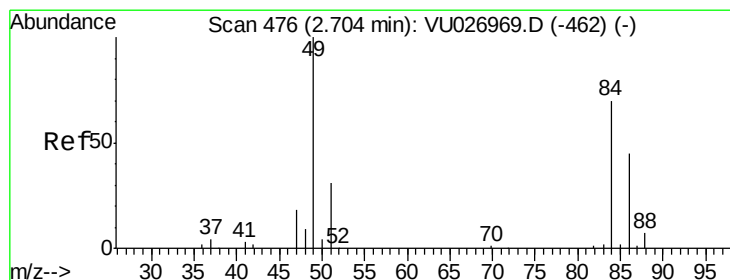
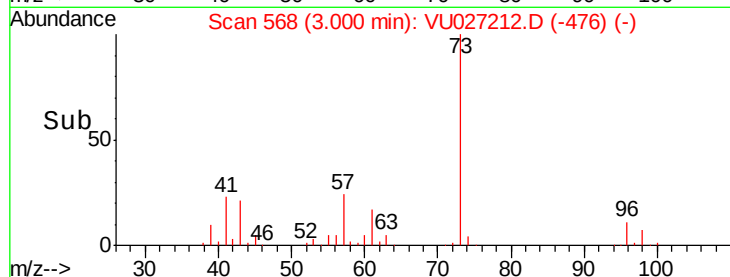
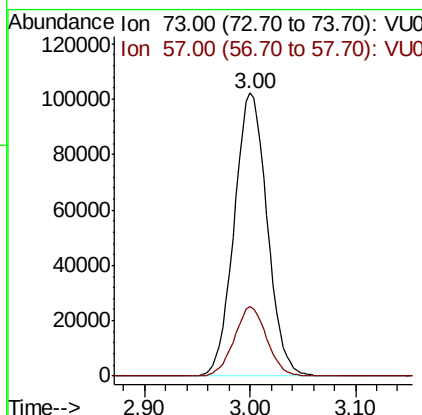
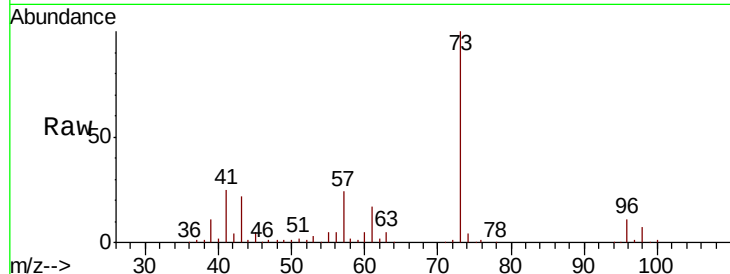
#19
Methyl tert-butyl Ether
Concen: 55.795 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 73 Resp: 221934
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.6

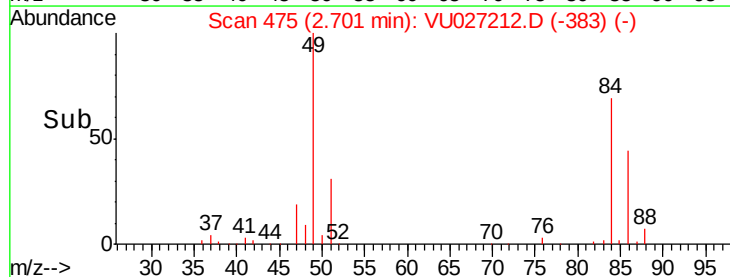
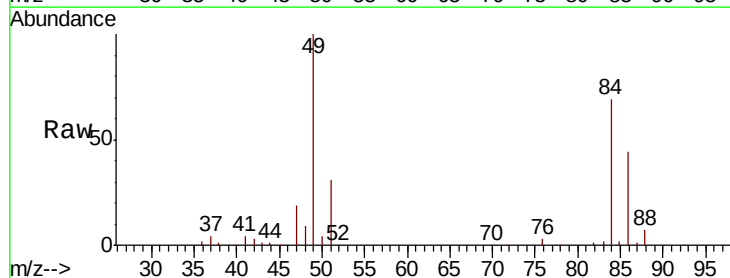
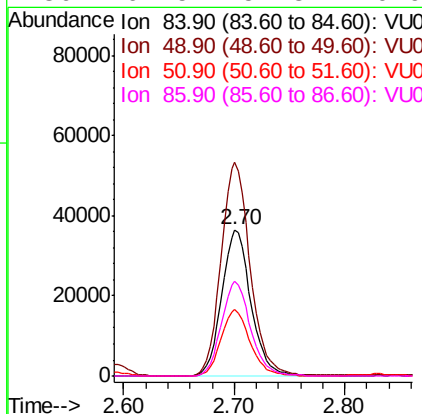
Manual Integrations
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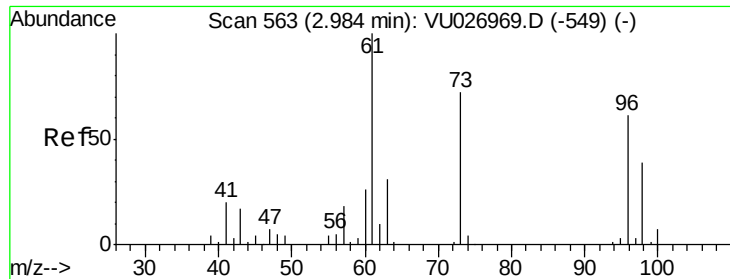
MMDadoda
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#20
Methylene Chloride
Concen: 47.359 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 84 Resp: 66901
Ion Ratio Lower Upper
84 100
49 145.8 114.9 172.3
51 45.2 35.8 53.8
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.294 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 96 Resp: 55812

Ion Ratio Lower Upper

96 100

61 165.6 131.8 197.6

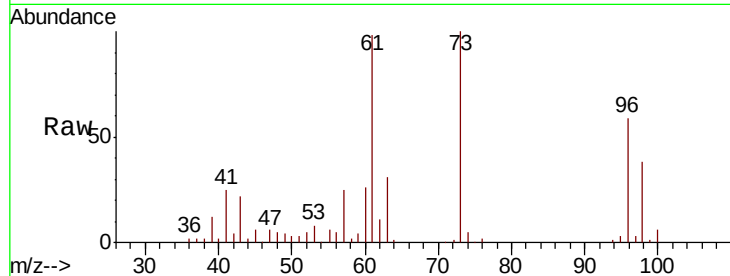
98 64.4 50.9 76.3

Manual Integrations

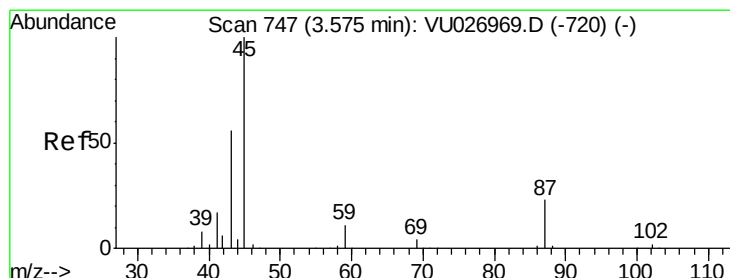
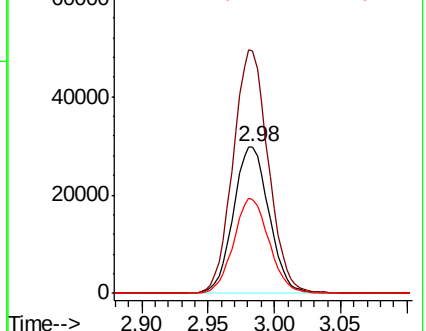
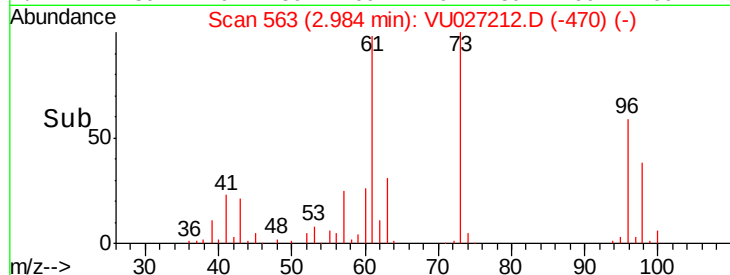
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Abundance Ion 95.90 (95.60 to 96.60): VU027212.D (-470) (-)



#22

Diisopropyl ether

Concen: 56.721 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion: 45 Resp: 266351

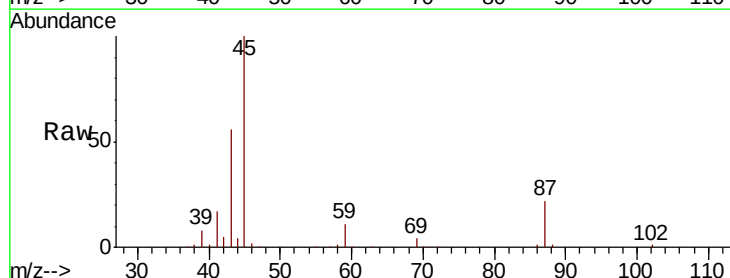
Ion Ratio Lower Upper

45 100

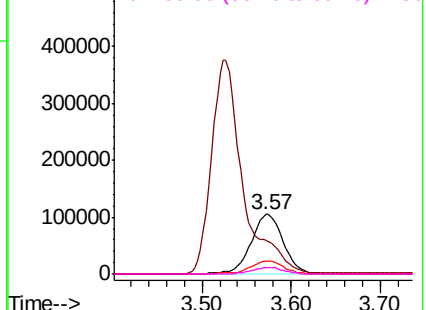
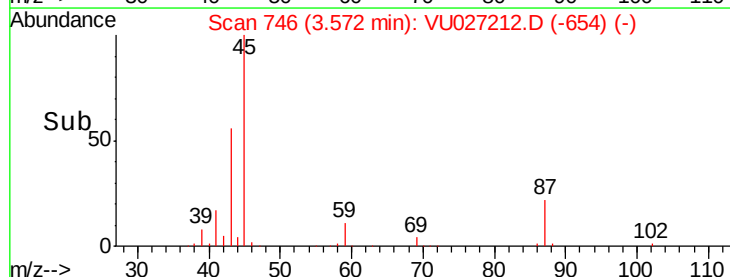
43 54.9 45.8 68.6

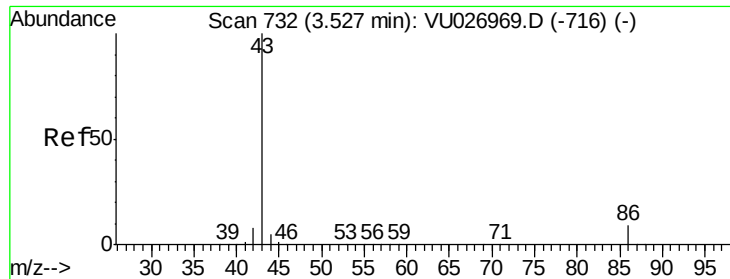
87 22.3 18.6 28.0

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027212.D (-654) (-)





#23

Vinyl Acetate

Concen: 230.925 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 924342

Ion Ratio Lower Upper

43 100

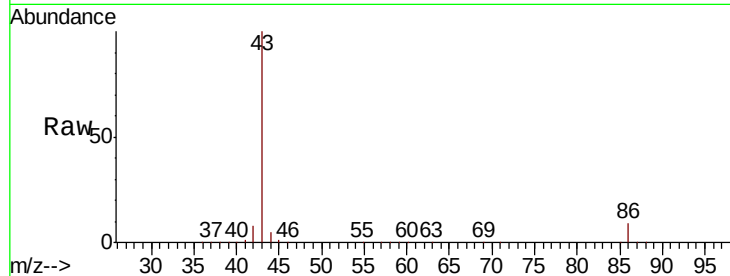
86 8.9 7.2 10.8

Manual Integrations

APPROVED

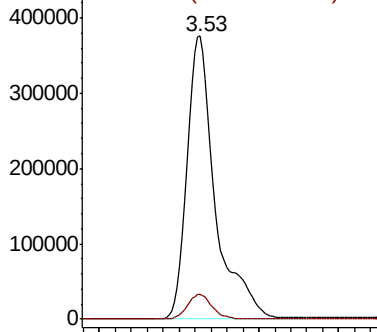
MMDadoda

9/27/2018 3:33:25 PM

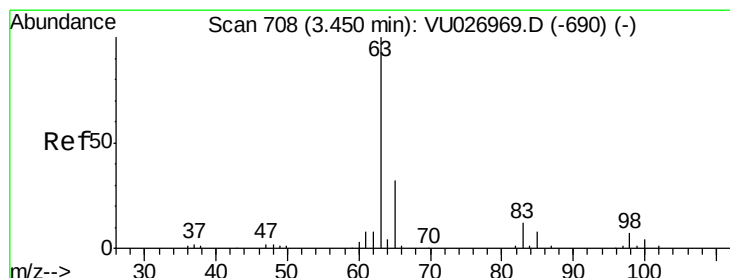
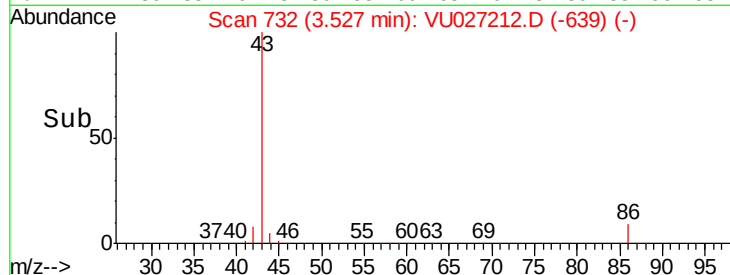


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 52.343 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

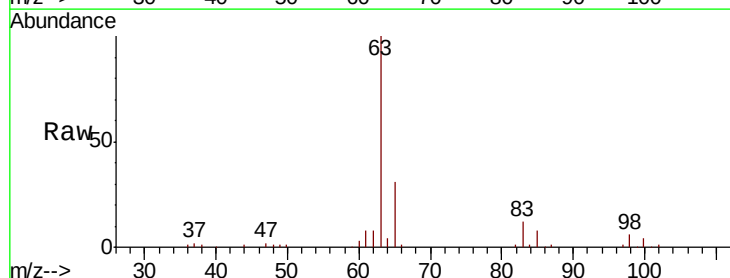
Tgt Ion: 63 Resp: 135373

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

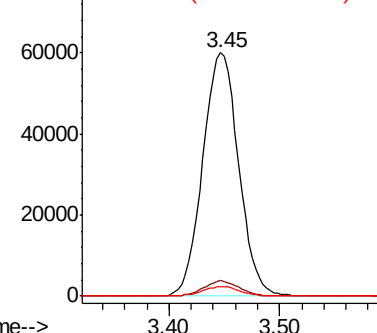
100 3.9 2.0 5.8



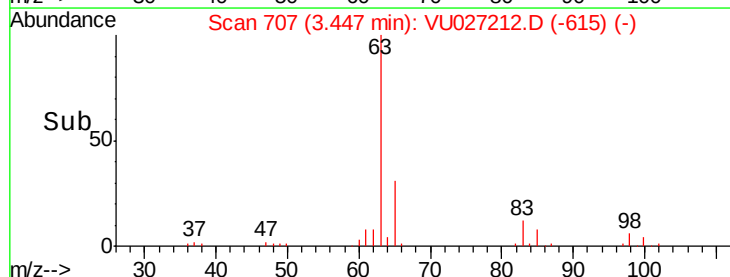
Abundance Ion 62.90 (62.60 to 63.60): VU0

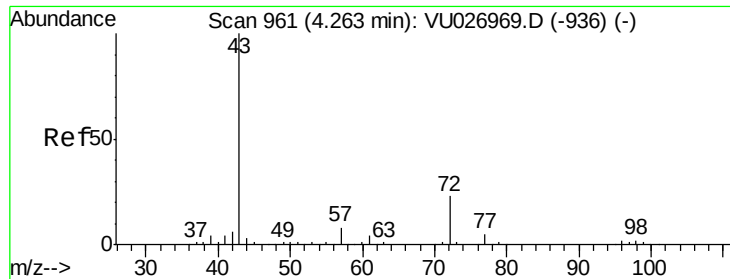
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->





#25

2-Butanone

Concen: 272.933 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 361795

Ion Ratio Lower Upper

43 100

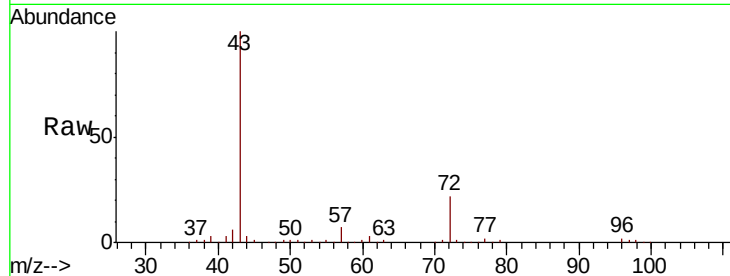
72 22.4 18.4 27.6

Manual Integrations

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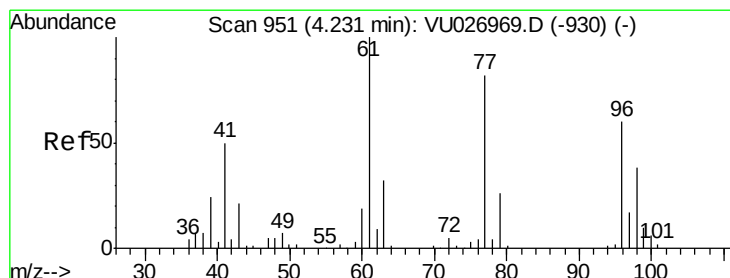
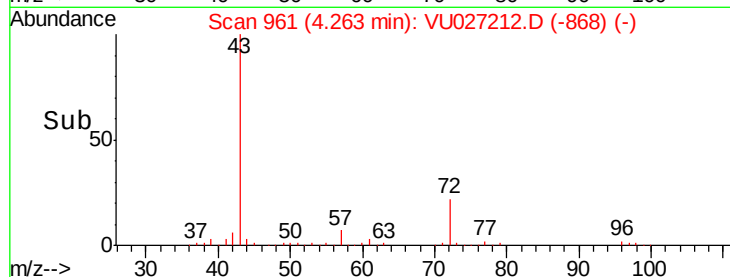
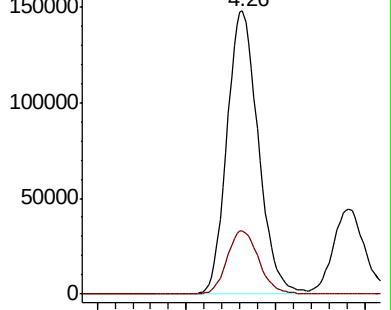
MMDadoda

9/27/2018 3:33:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 27.836 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027212.D

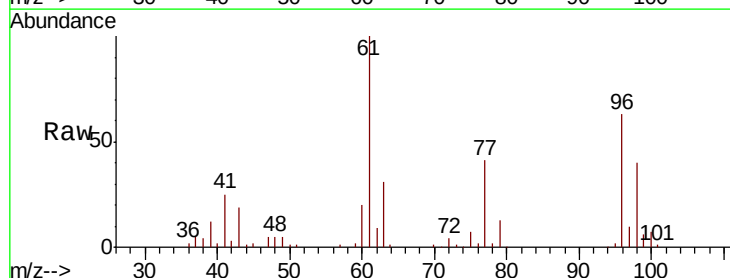
Acq: 27 Sep 2018 05:27

Tgt Ion: 77 Resp: 56145

Ion Ratio Lower Upper

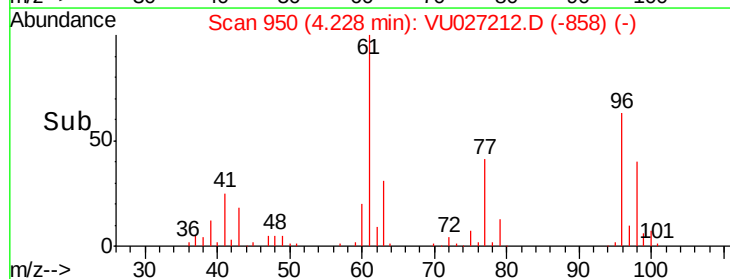
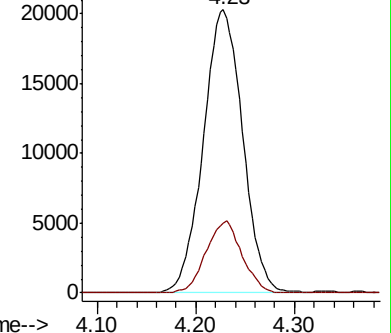
77 100

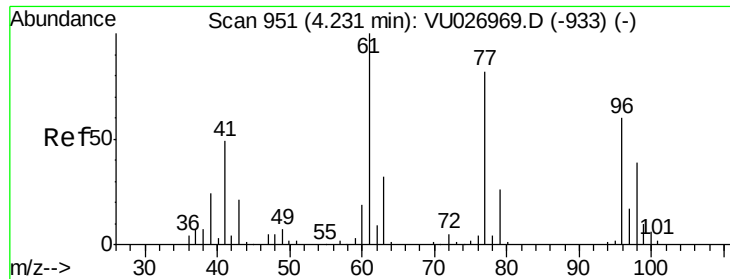
97 23.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

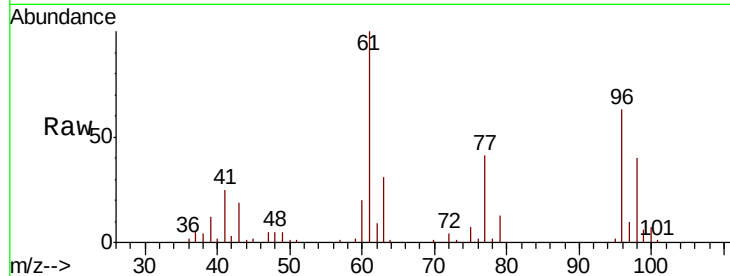
cis-1,2-Dichloroethene
 Concen: 58.538 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

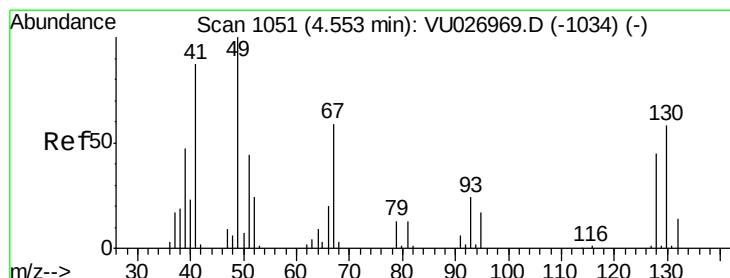
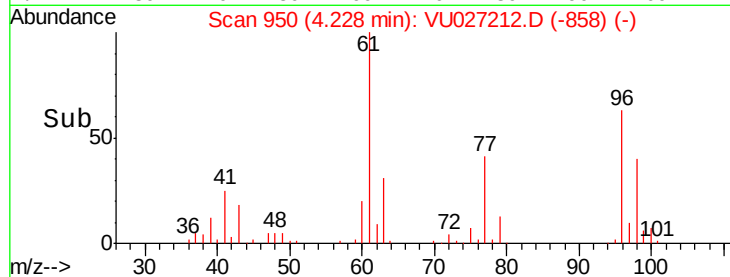
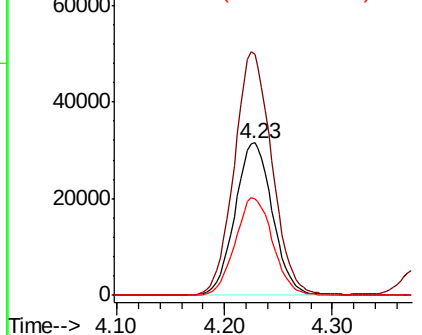
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	337.2
98	63.8	0.0	127.6

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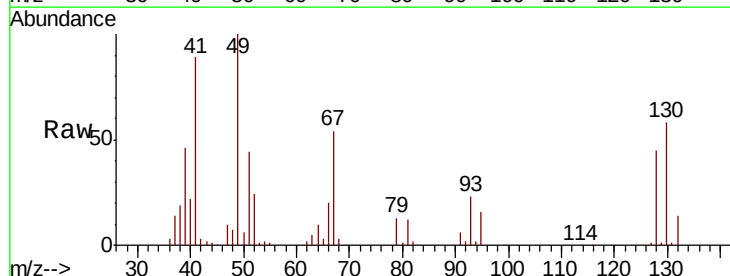
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



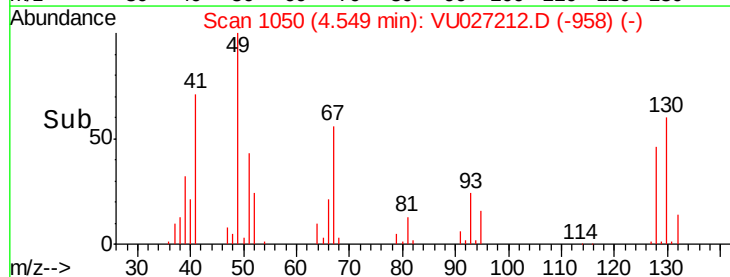
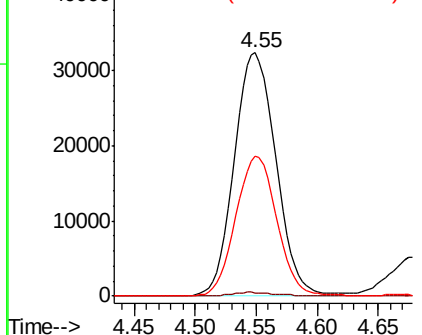
#28

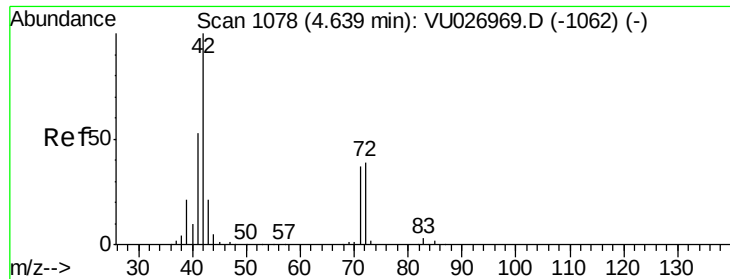
Bromochloromethane
 Concen: 61.456 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	56.7	47.8	71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





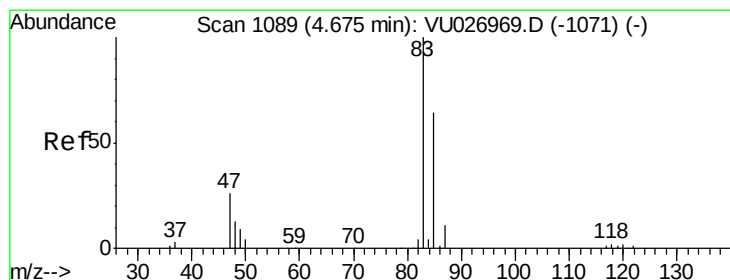
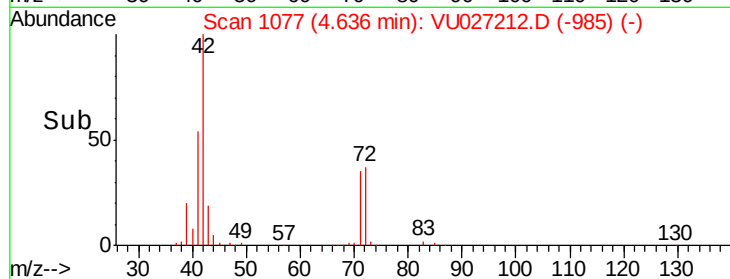
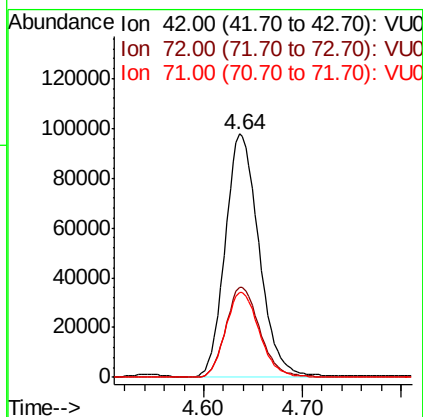
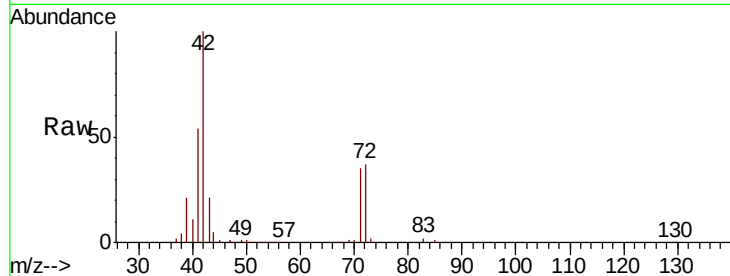
#29
Tetrahydrofuran
Concen: 291.170 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.7	47.5
71	35.0	29.6	44.4

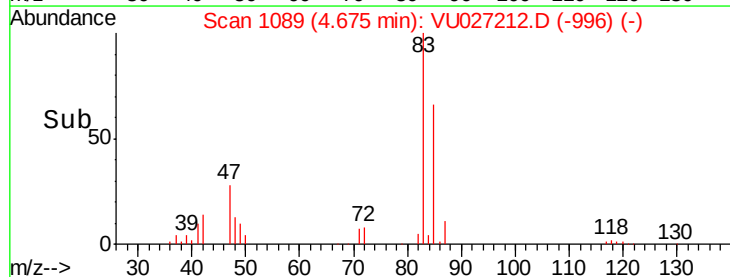
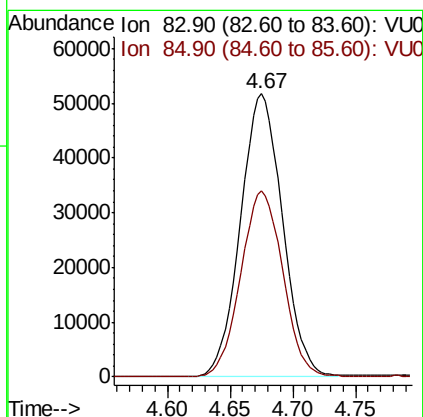
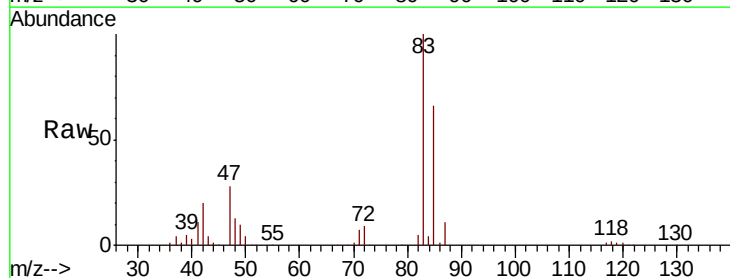
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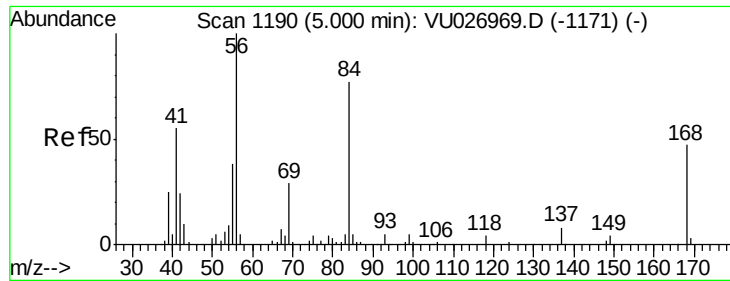
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#30
Chloroform
Concen: 50.223 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





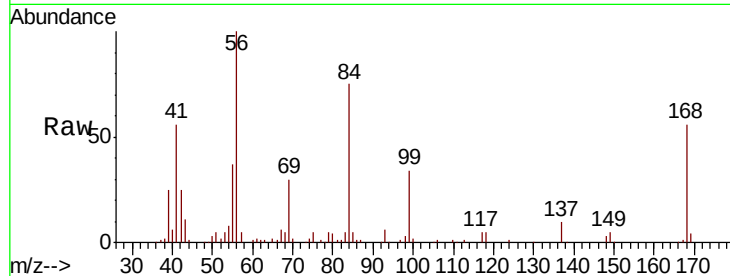
#31
Cyclohexane
Concen: 47.339 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

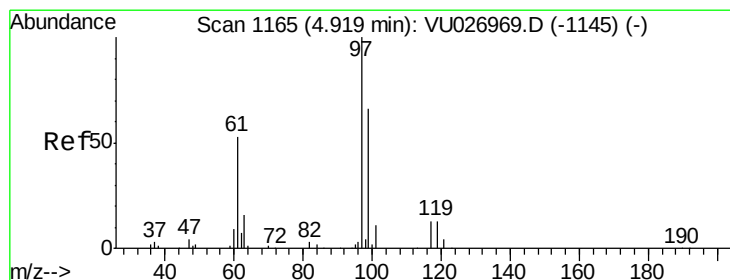
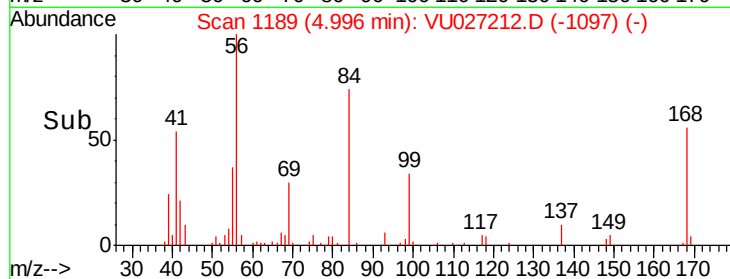
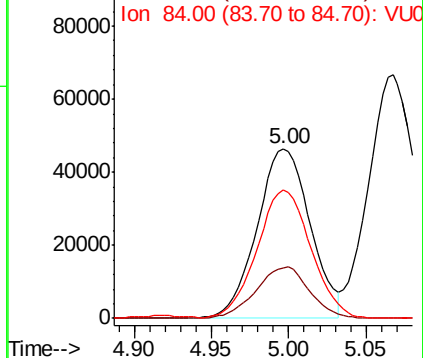
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.0	34.4
84	74.7	61.4	92.2

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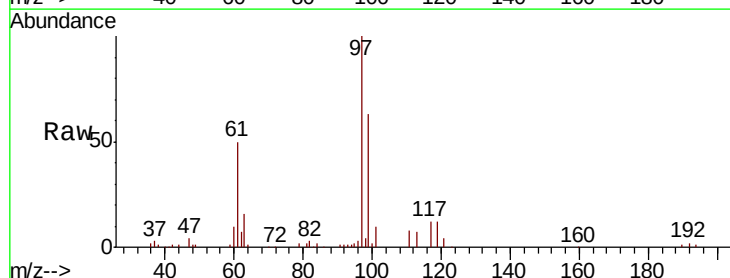


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

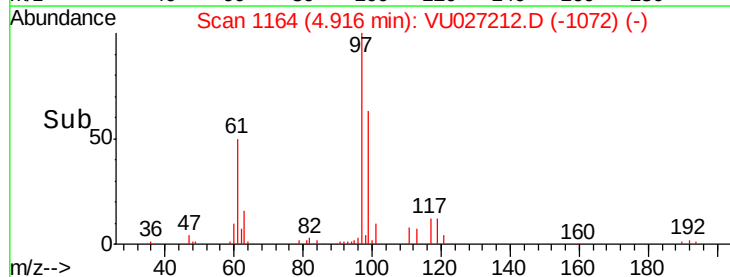
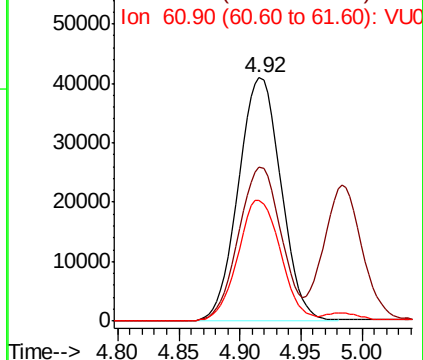


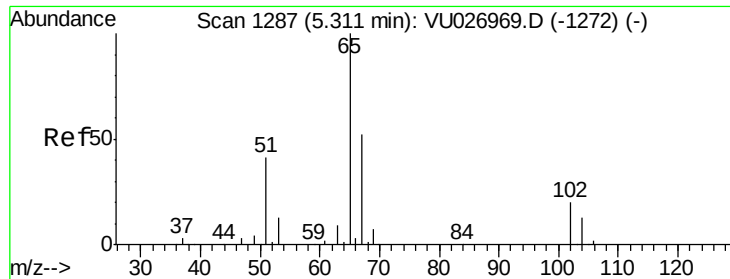
#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.6
61	49.8	41.1	61.7



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





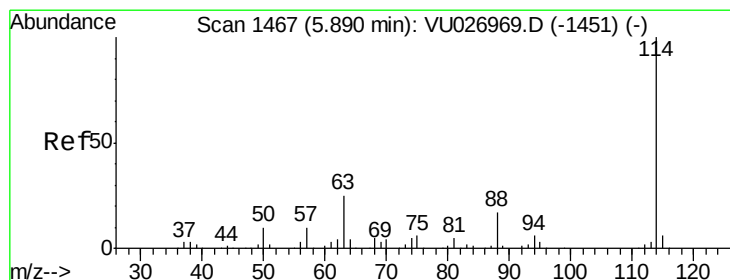
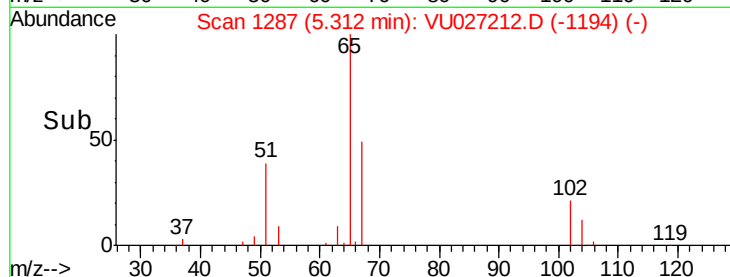
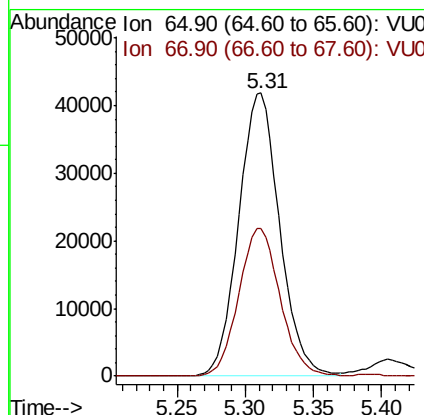
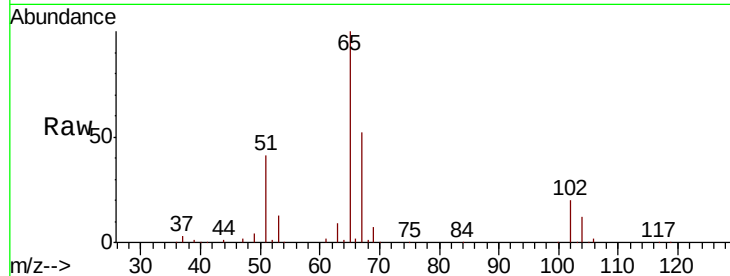
#33
 1,2-Dichloroethane-d4
 Concen: 55.281 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	65	Resp	87197
Ion Ratio	100	Lower	Upper
65	100		
67	52.8	0.0	105.6

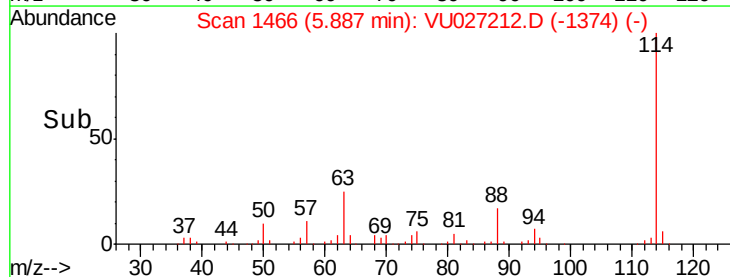
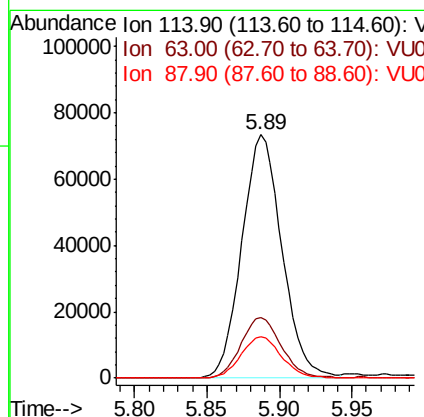
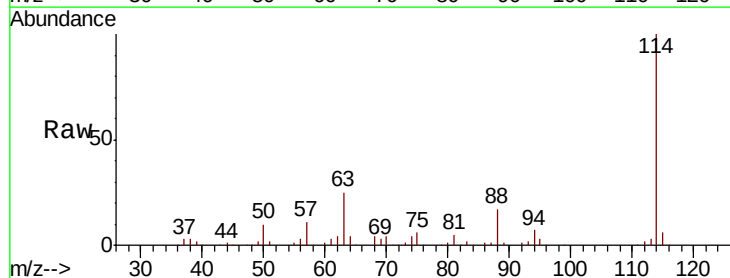
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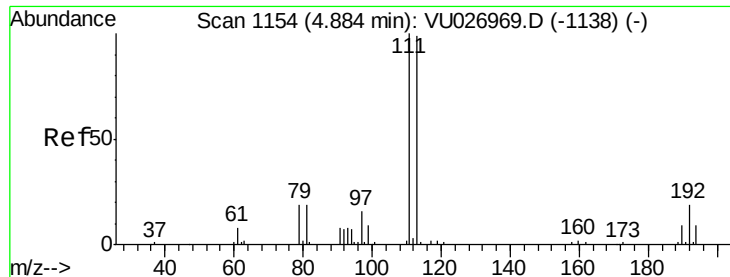
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	114	Resp	141510
Ion Ratio	100	Lower	Upper
114	100		
63	25.0	0.0	49.2
88	17.0	0.0	33.8





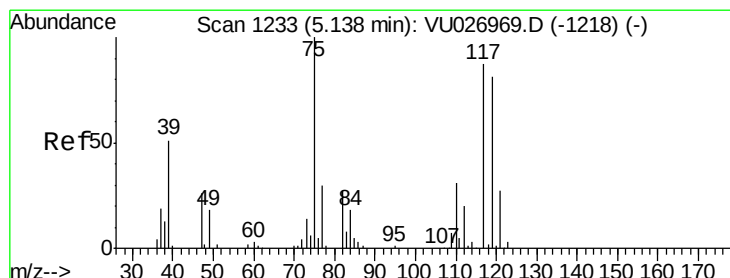
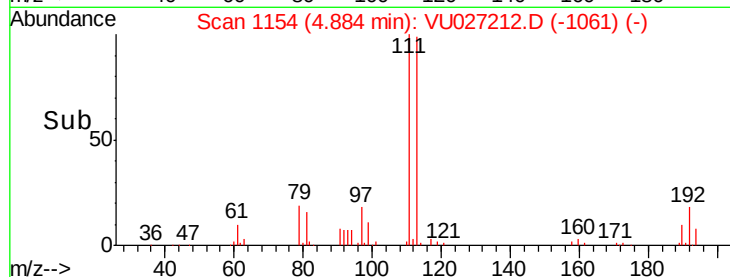
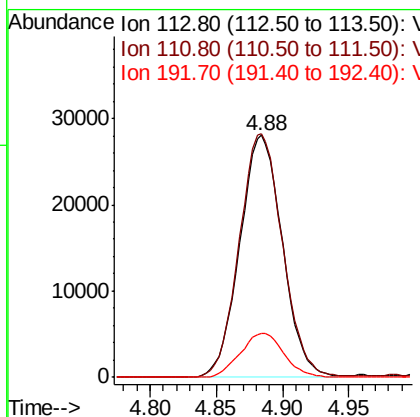
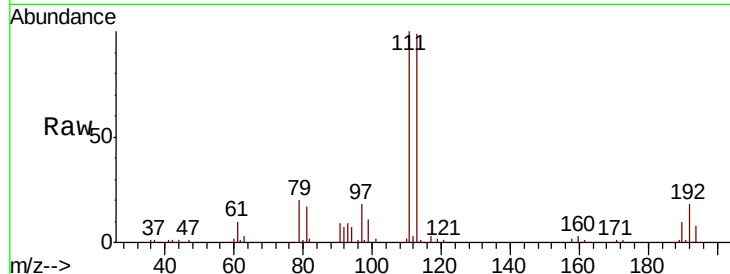
#35
 Dibromofluoromethane
 Concen: 51.132 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	62719		
111	101.9	82.2	123.4	
192	18.5	15.2	22.8	

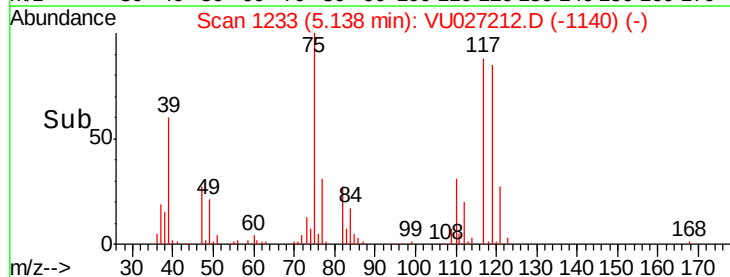
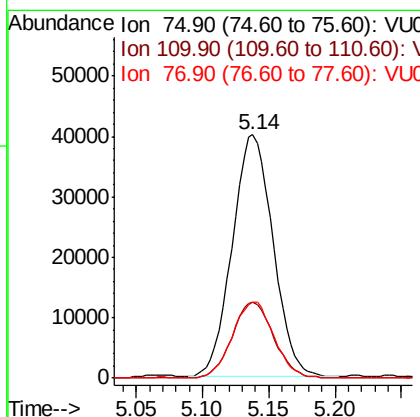
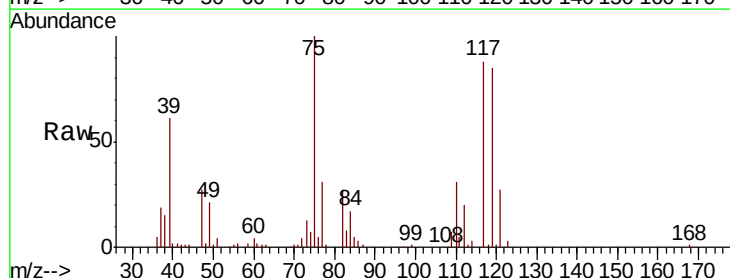
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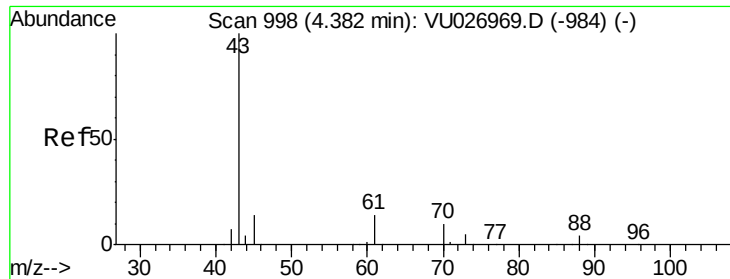
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#36
 1,1-Dichloropropene
 Concen: 45.430 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85800		
110	32.0	16.1	48.2	
77	32.0	24.6	36.8	





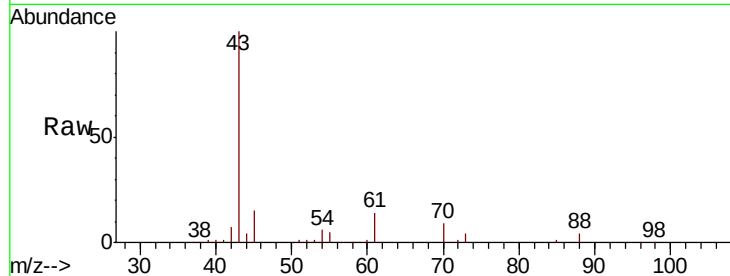
#37
Ethyl Acetate
Concen: 41.978 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

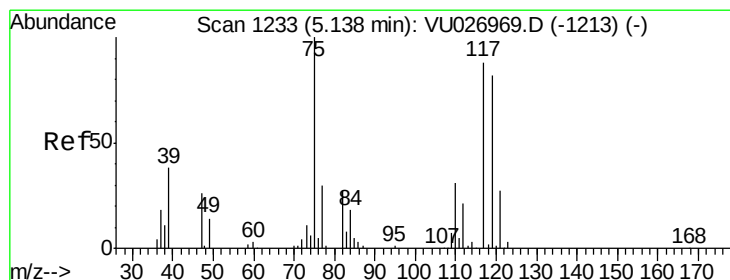
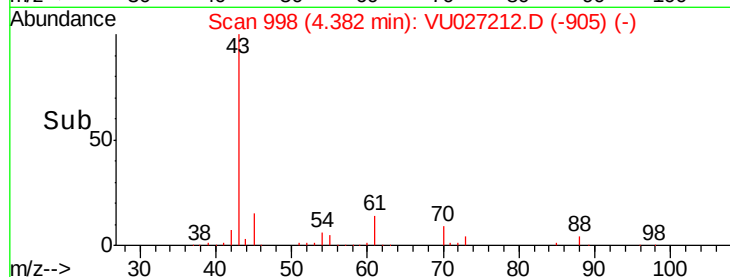
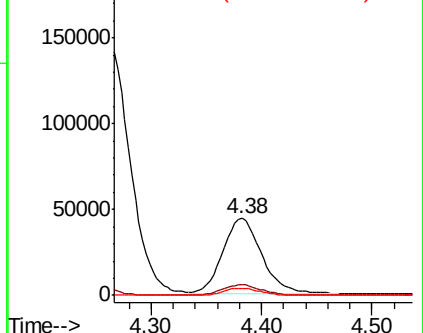
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.0	7.4	11.0

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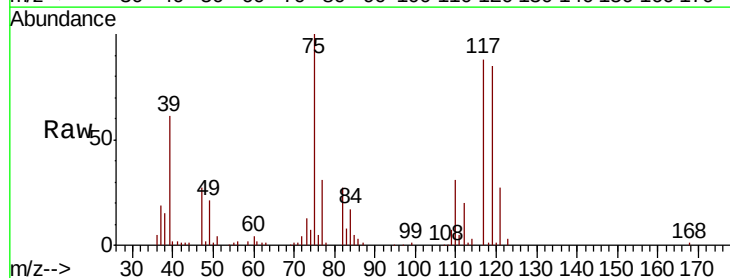


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

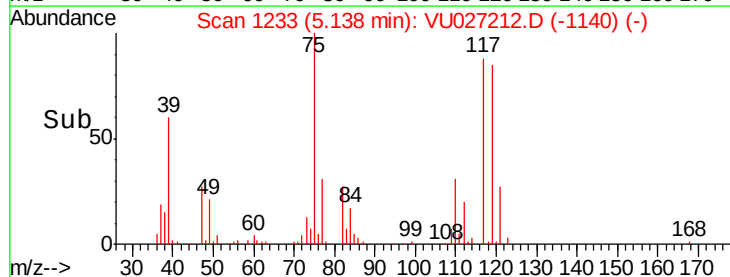
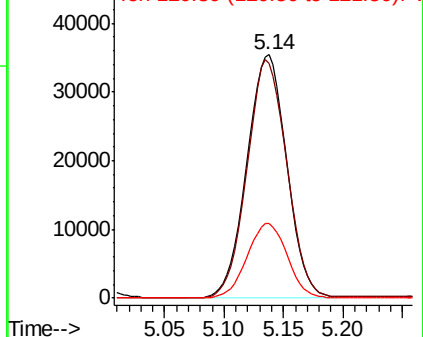


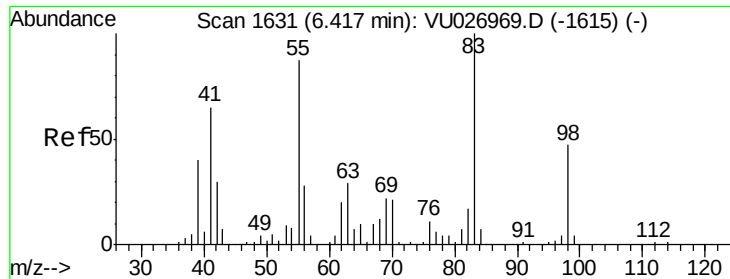
#38
Carbon Tetrachloride
Concen: 45.845 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.4	111.6
121	30.6	24.2	36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





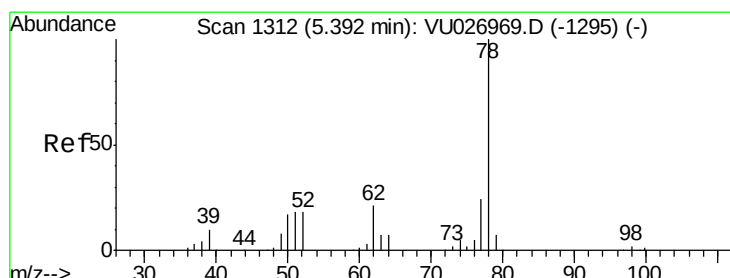
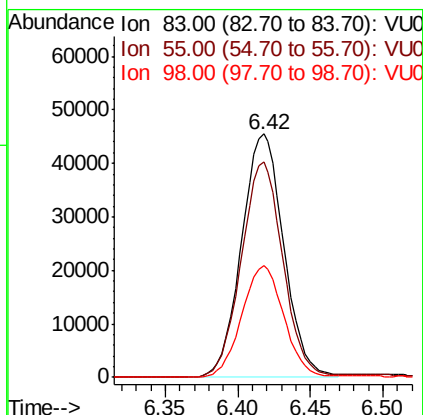
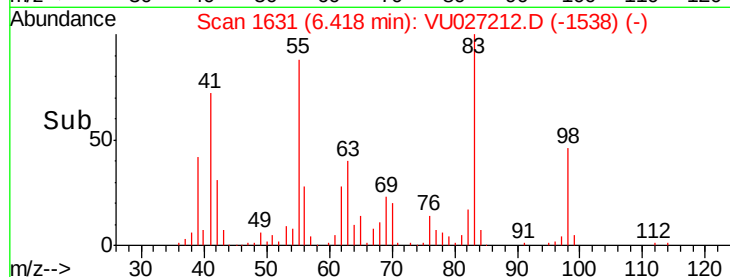
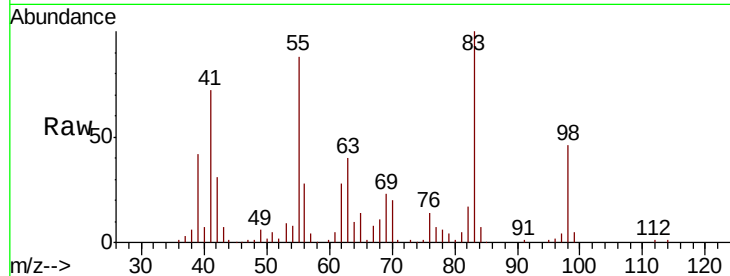
#39
Methylvlcyclohexane
Concen: 44.905 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	83	Resp	92162
Ion Ratio	100	Lower	Upper
83	100		
55	88.4	69.9	104.9
98	46.1	37.5	56.3

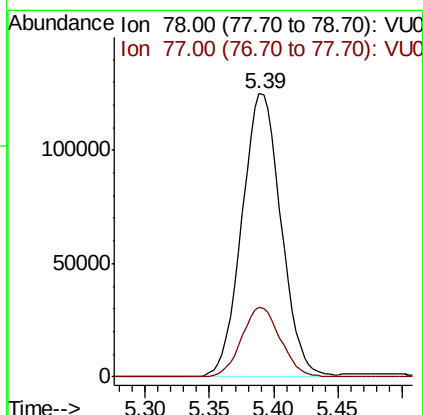
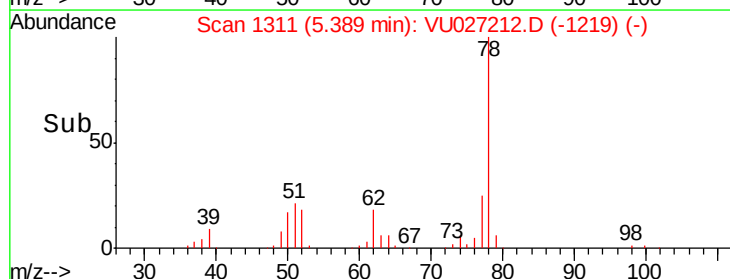
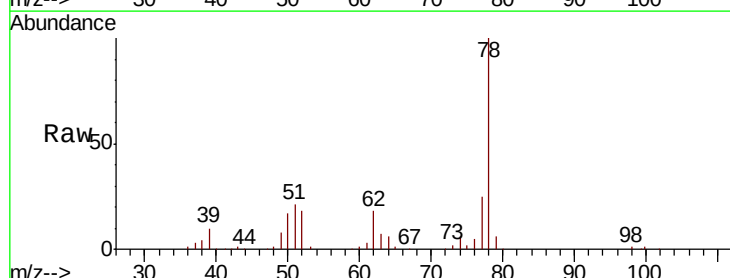
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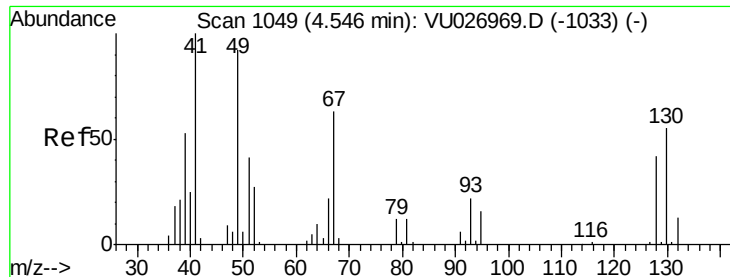
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#40
Benzene
Concen: 46.222 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	78	Resp	265376
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.4	29.0





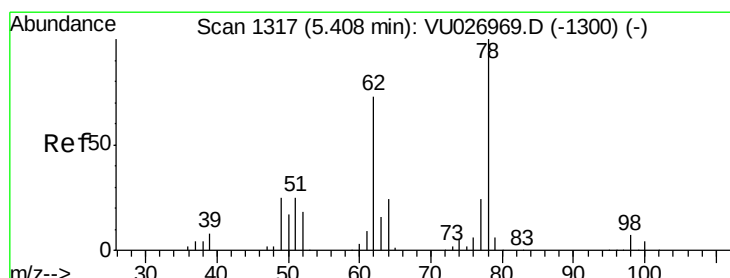
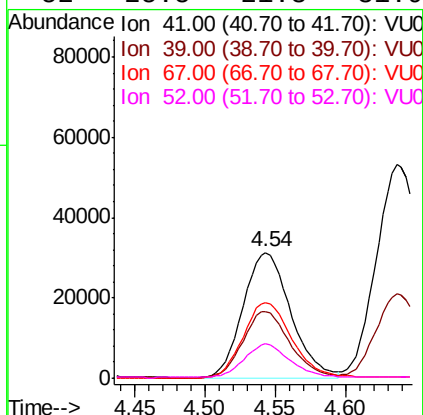
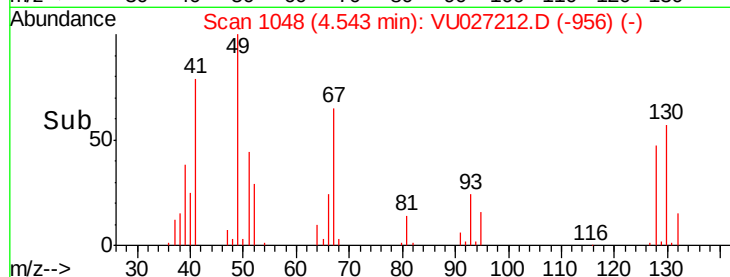
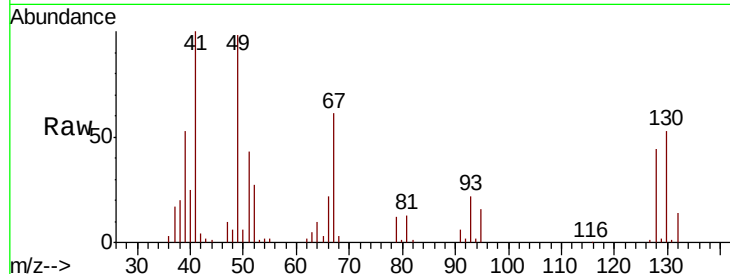
#41
Methacrylonitrile
Concen: 55.443 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.9	64.3	
67	62.6	52.4	78.6	
52	25.5	21.3	31.9	

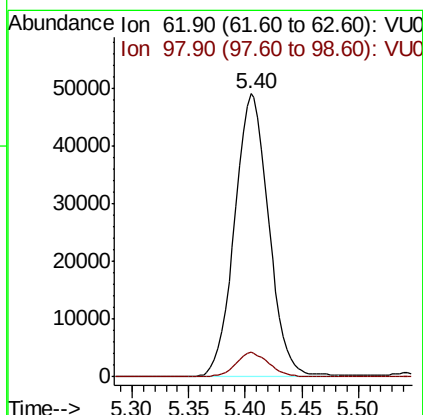
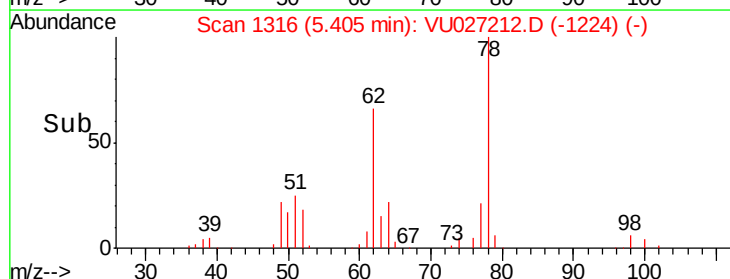
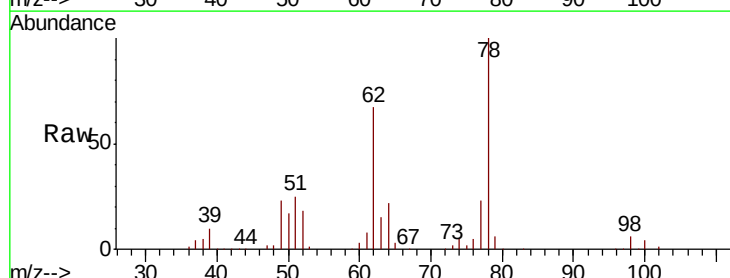
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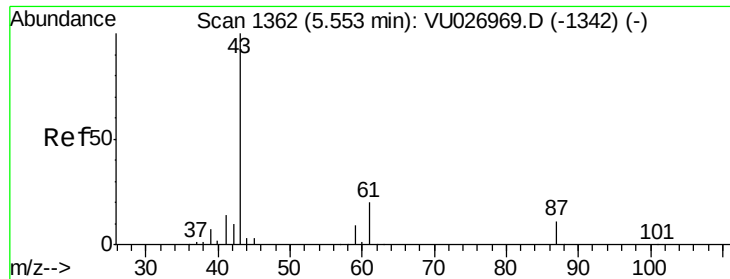
MMDadoda
9/27/2018 3:33:25 PM



#42
1,2-Dichloroethane
Concen: 47.692 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	17.0	





#43

Isopropyl Acetate

Concen: 48.922 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

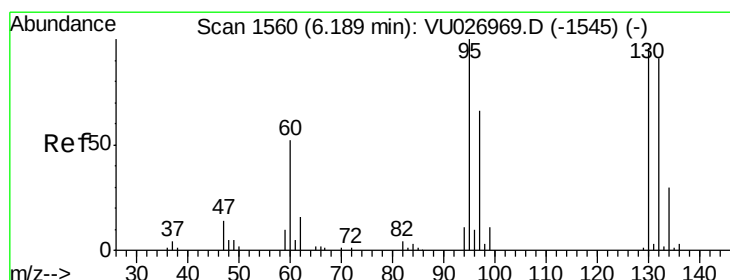
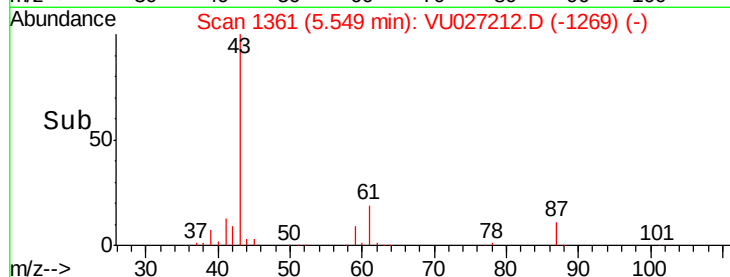
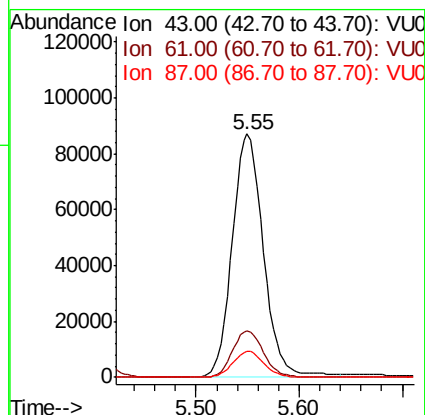
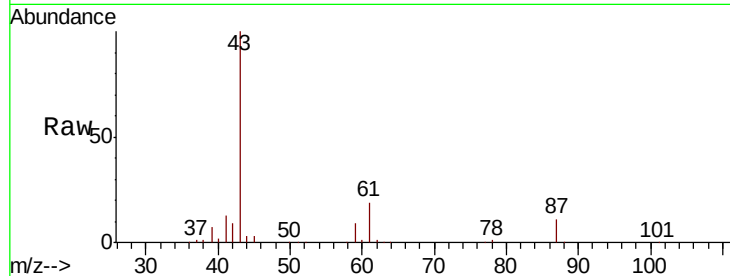
ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion:	43	Resp:	182412
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	10.8	9.0	13.4

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9/27/2018 3:33:25 PM



#44

Trichloroethene

Concen: 51.759 ug/l

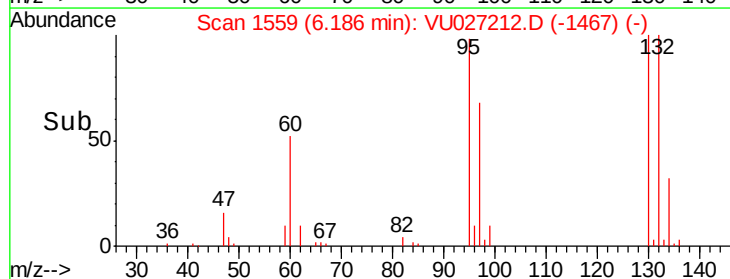
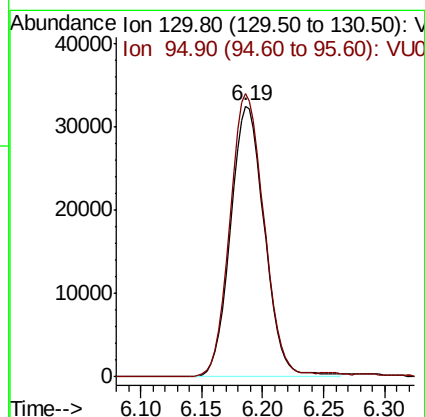
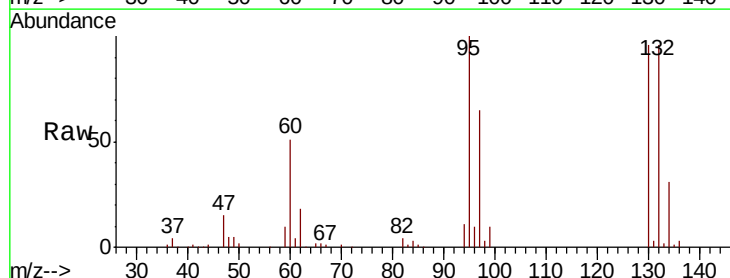
RT: 6.19 min Scan# 1559

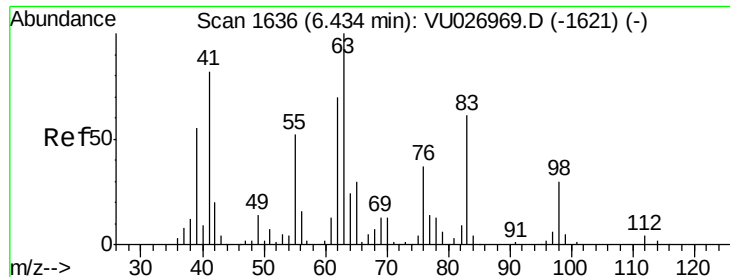
Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion:	130	Resp:	63264
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	208.8





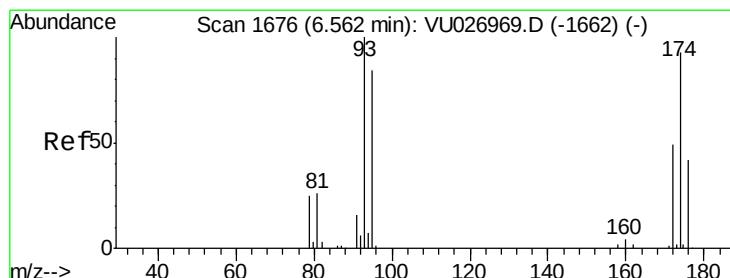
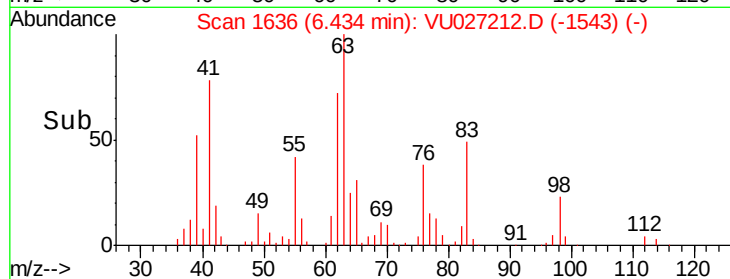
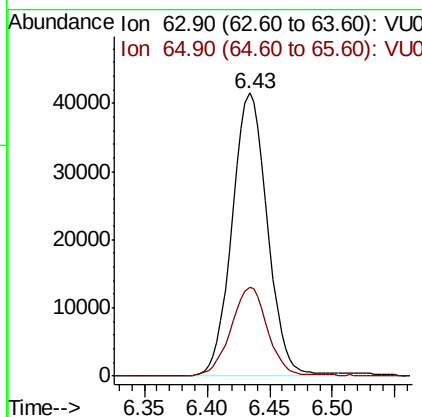
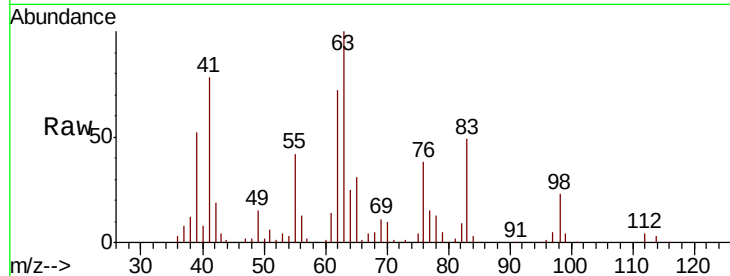
#45
 1,2-Dichloropropane
 Concen: 49.767 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

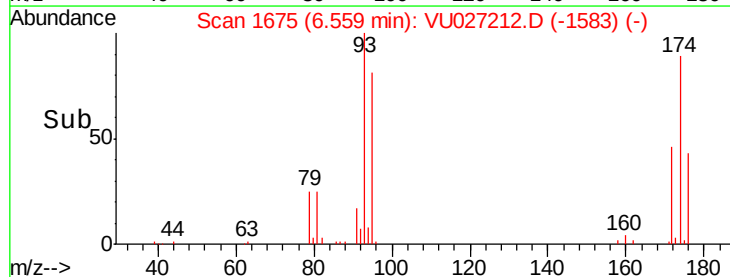
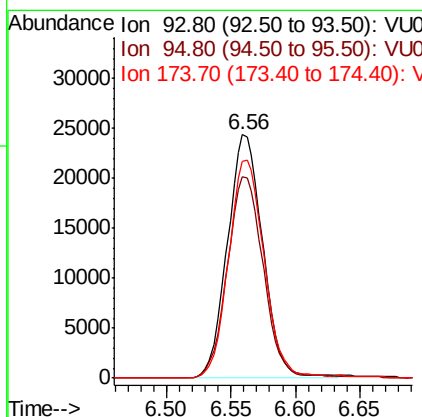
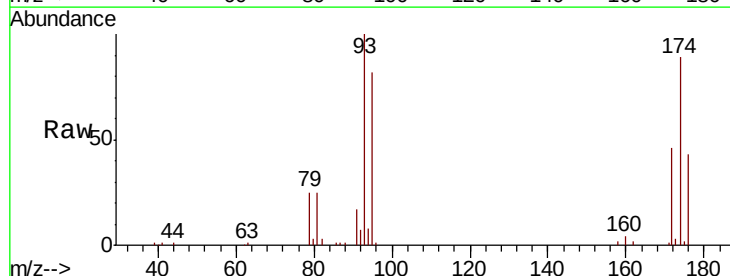
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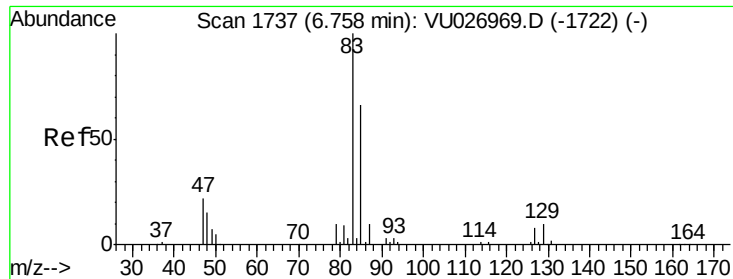
MMDadoda
 9/27/2018 3:33:25 PM



#46
 Dibromomethane
 Concen: 47.096 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.4
174	90.0	71.7	107.5





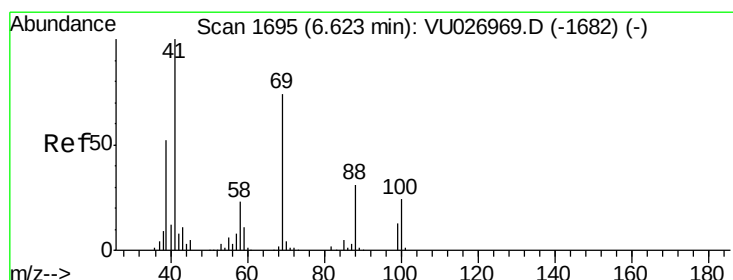
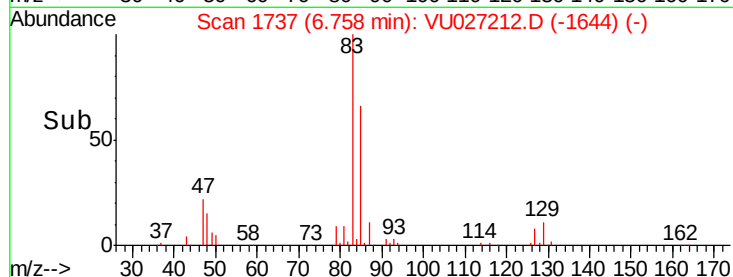
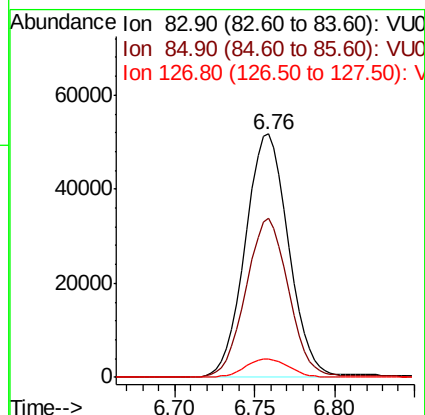
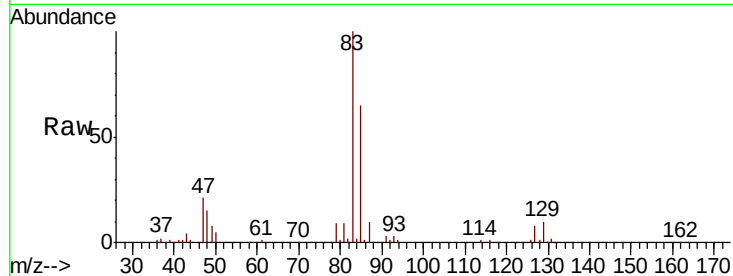
#47
Bromodichloromethane
Concen: 47.969 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	83	Resp	95833
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	52.5	78.7
127	7.6	6.3	9.5

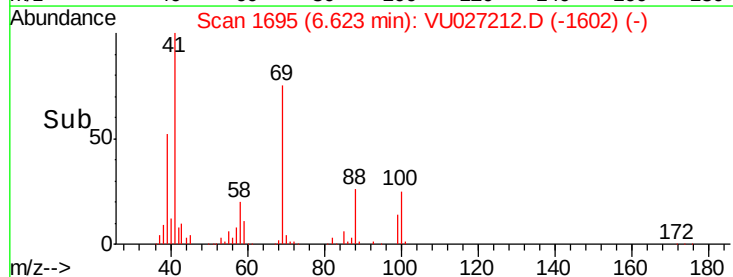
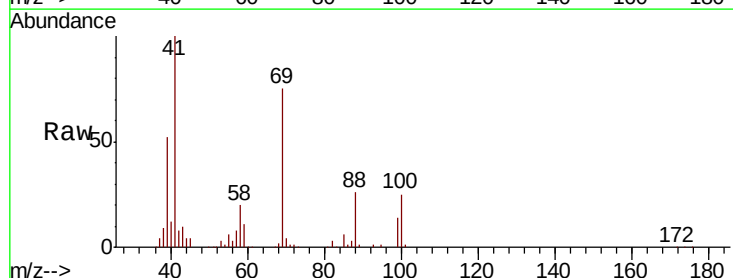
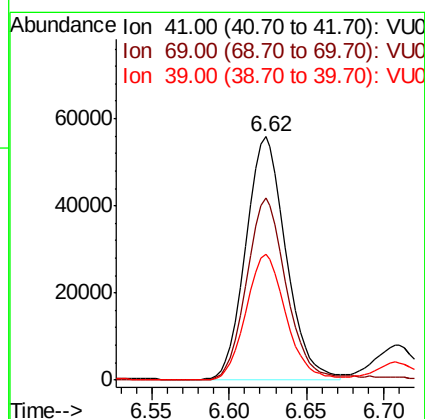
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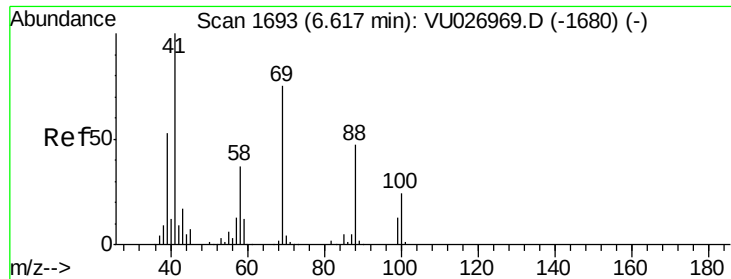
MMDadoda
9/27/2018 3:33:25 PM



#48
Methyl methacrylate
Concen: 49.906 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	41	Resp	101276
Ion Ratio	100	Lower	Upper
41	100		
69	76.1	60.6	90.8
39	51.4	42.8	64.2





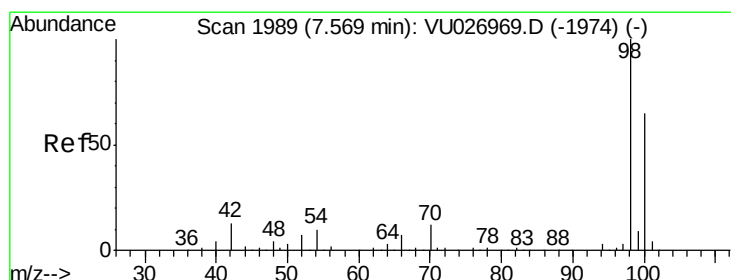
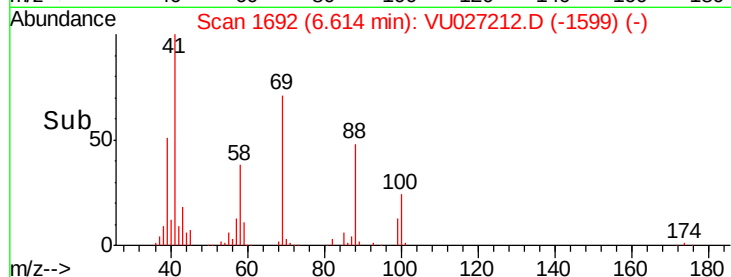
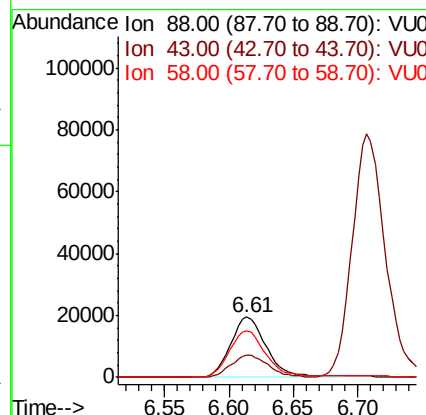
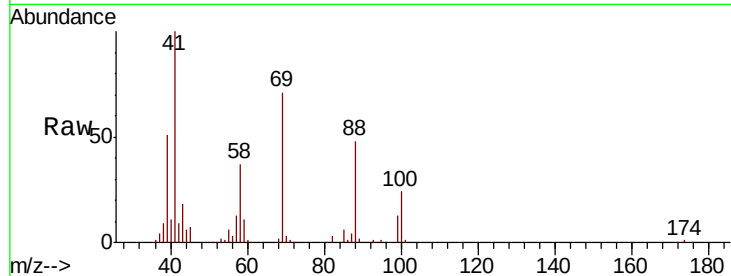
#49
1,4-Dioxane
Concen: 935.521 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	29.8	44.8
58	79.7	63.9	95.9

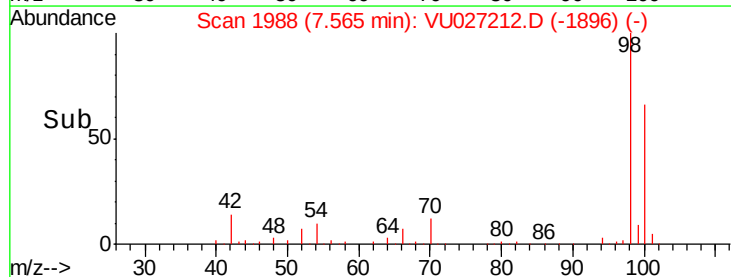
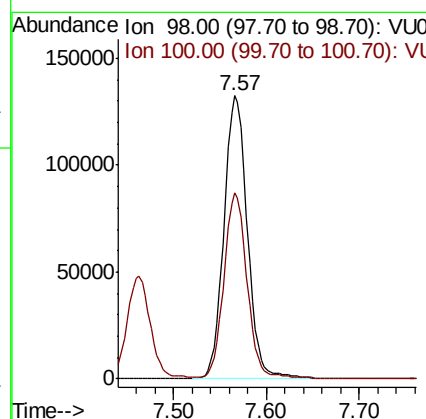
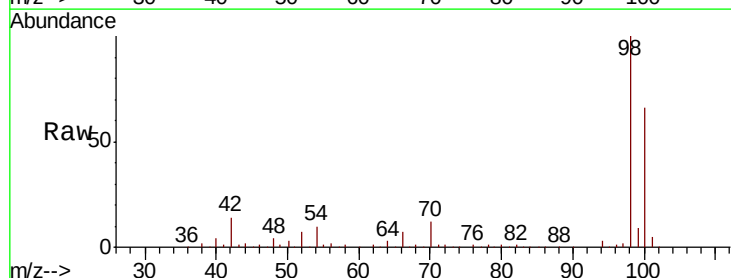
Manual Integrations
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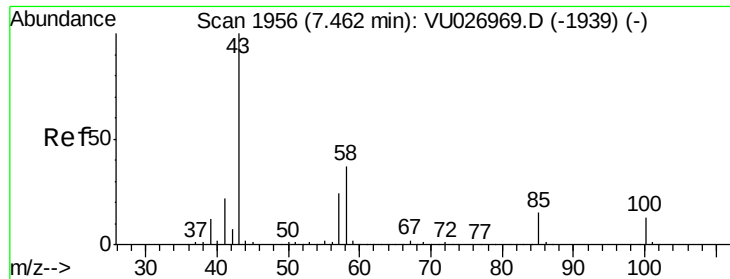
MMDadoda
9/27/2018 3:33:25 PM



#50
Toluene-d8
Concen: 49.902 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 272.972 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 43 Resp: 684535

Ion Ratio Lower Upper

43 100

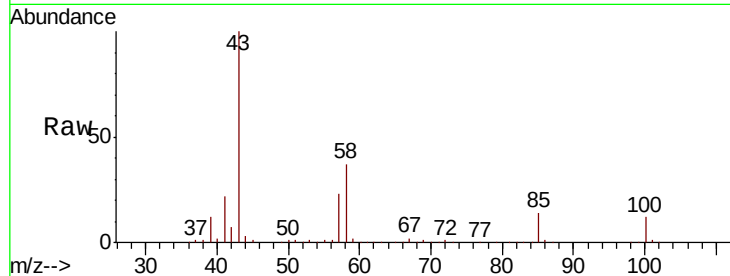
58 37.5 29.8 44.6

Manual Integrations

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MMDadoda

9/27/2018 3:33:25 PM



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

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

7.46

400000

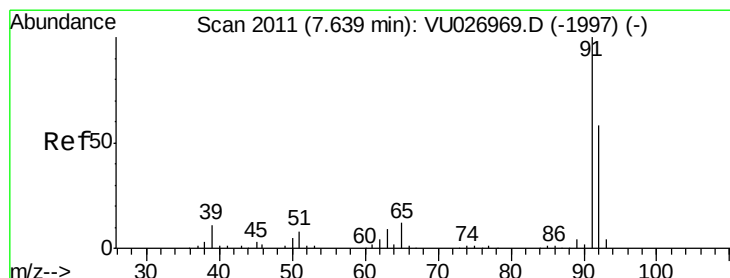
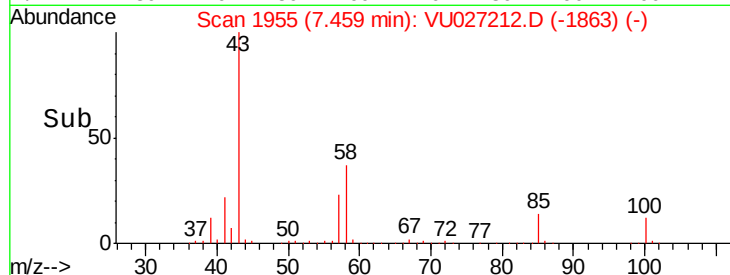
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.122 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027212.D

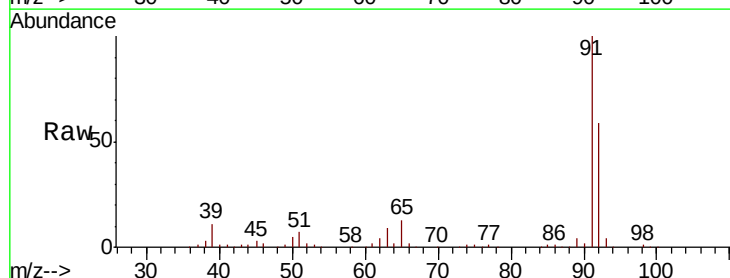
Acq: 27 Sep 2018 05:27

Tgt Ion: 92 Resp: 161657

Ion Ratio Lower Upper

92 100

91 171.8 136.4 204.6



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

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

7.64

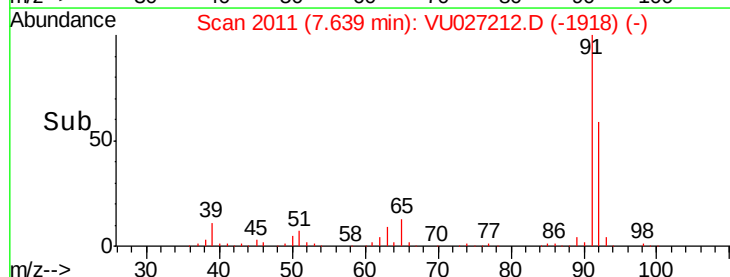
150000

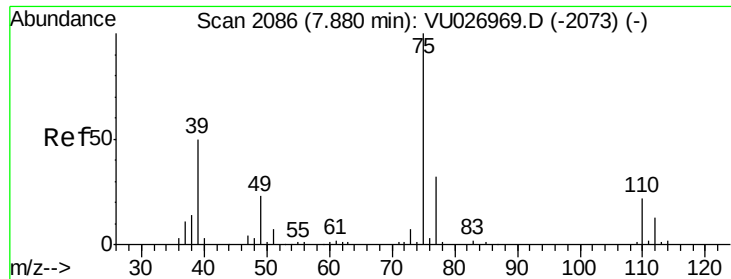
100000

50000

0

Time-->





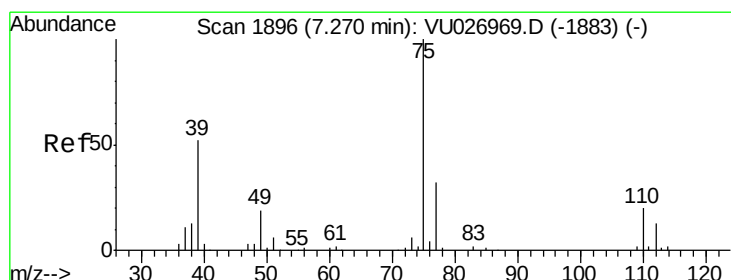
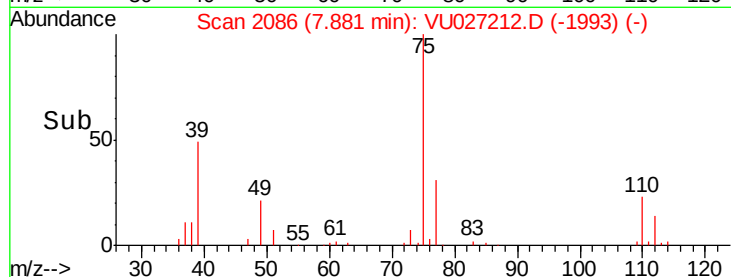
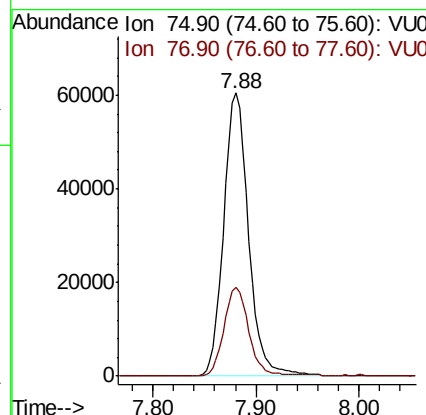
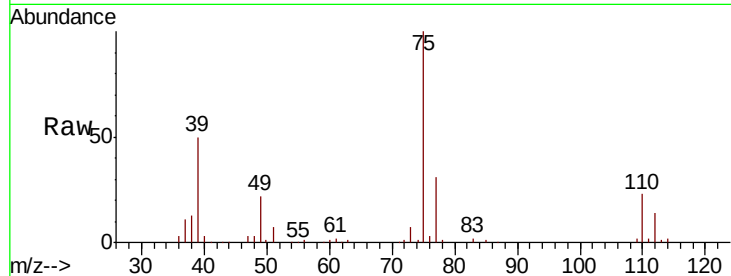
#53
t-1,3-Dichloropropene
Concen: 47.360 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion: 75 Resp: 101657
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

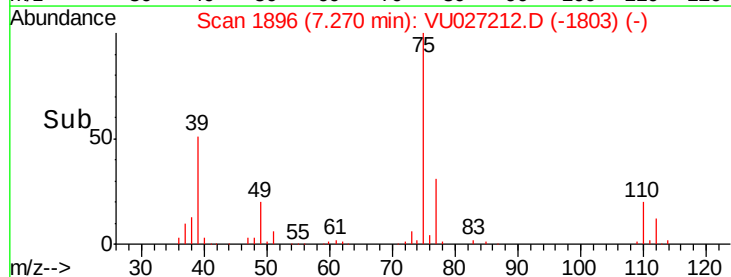
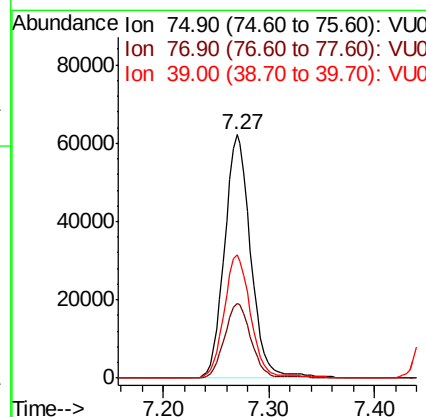
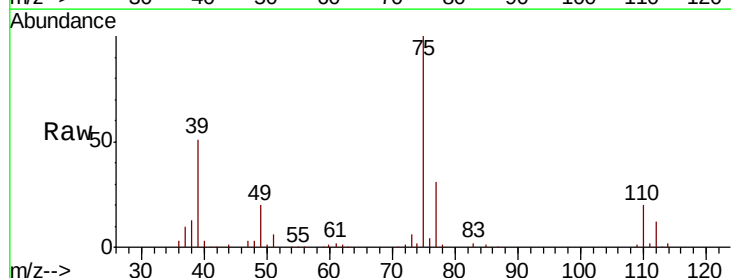
Manual Integrations
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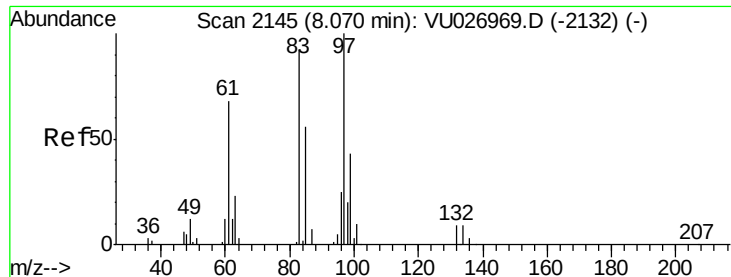
MMDadoda
9/27/2018 3:33:25 PM



#54
cis-1,3-Dichloropropene
Concen: 45.331 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 75 Resp: 106985
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 50.6 41.6 62.4





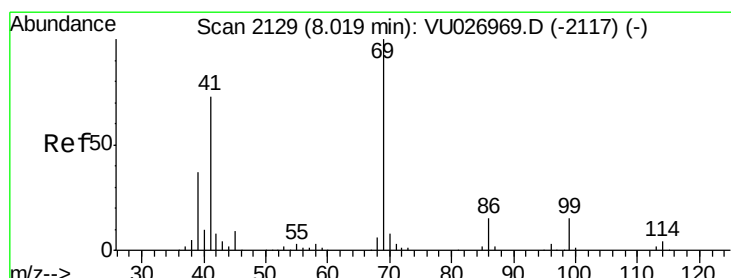
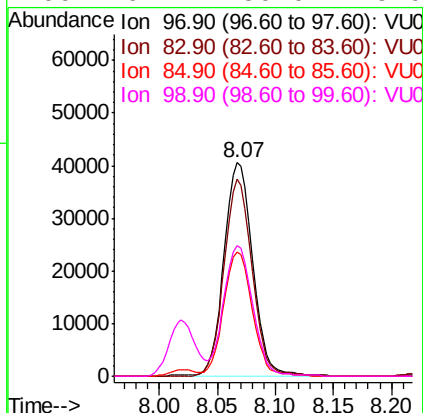
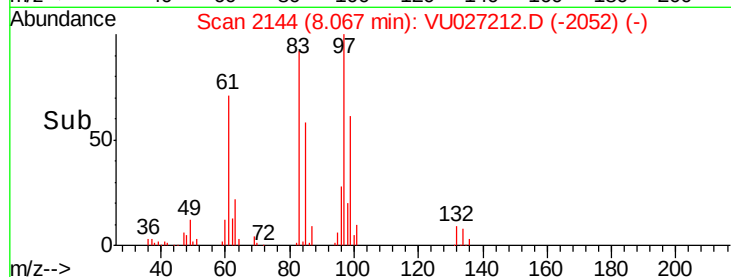
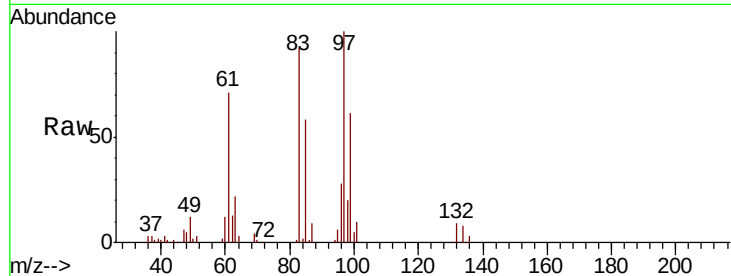
#55
 1,1,2-Trichloroethane
 Concen: 49.911 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion:	97	Resp:	69598
Ion	Ratio	Lower	Upper
97	100		
83	92.2	73.1	109.7
85	58.4	46.7	70.1
99	61.4	50.0	75.0

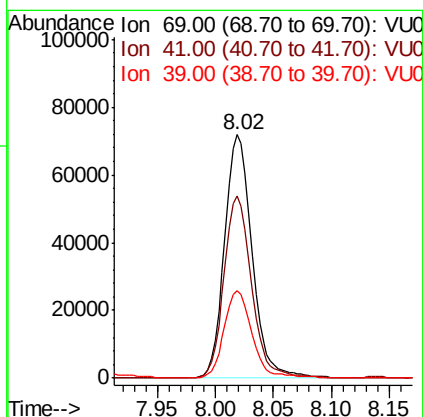
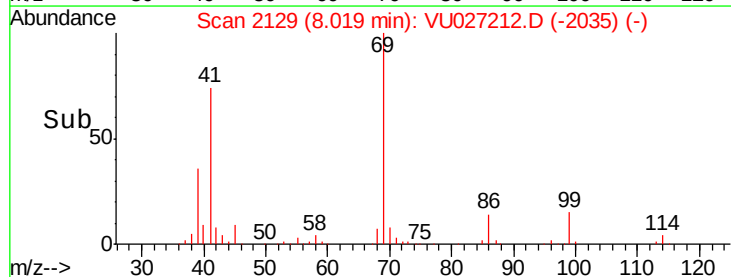
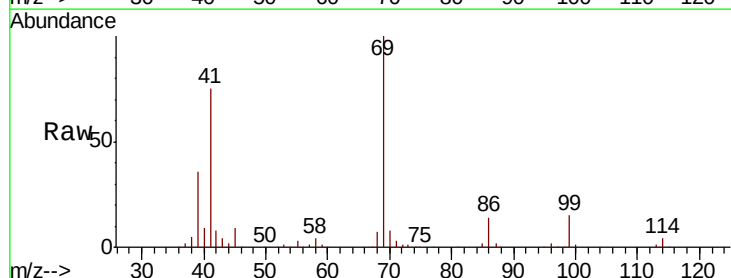
Manual Integrations
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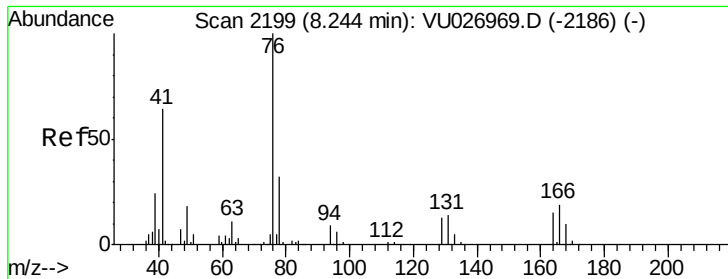
MMDadoda
 9/27/2018 3:33:25 PM



#56
 Ethyl methacrylate
 Concen: 48.814 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion:	69	Resp:	117974
Ion	Ratio	Lower	Upper
69	100		
41	75.4	59.0	88.4
39	35.8	30.2	45.4





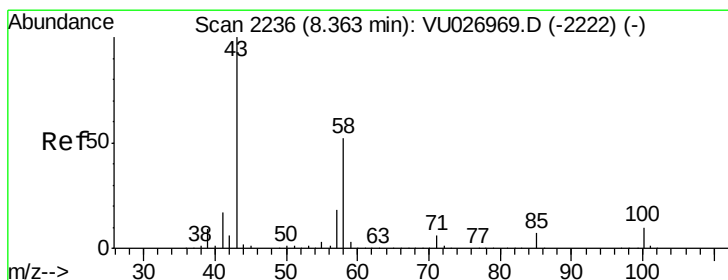
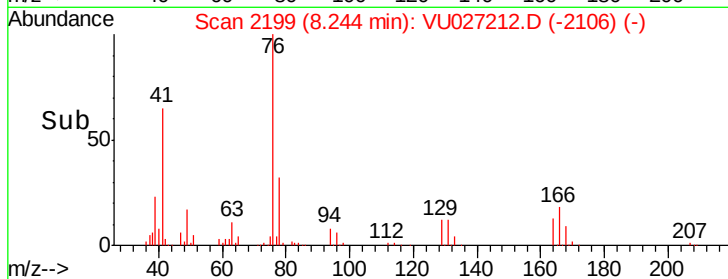
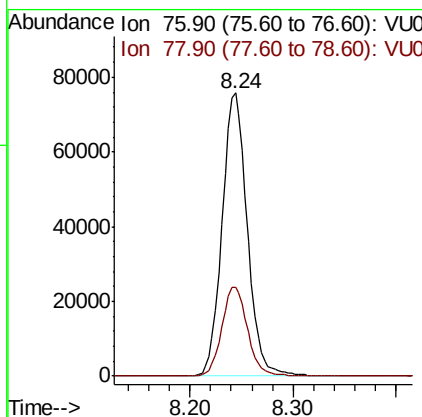
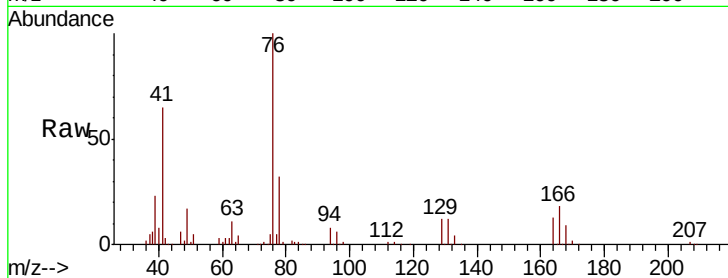
#57
 1,3-Dichloropropane
 Concen: 49.599 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

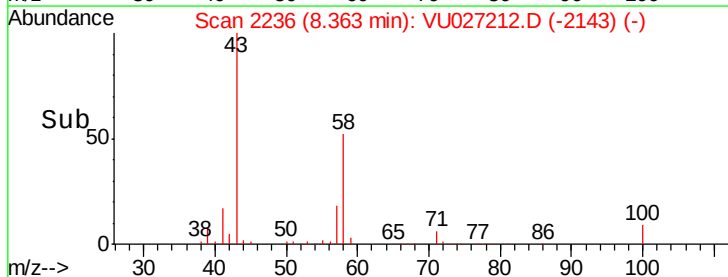
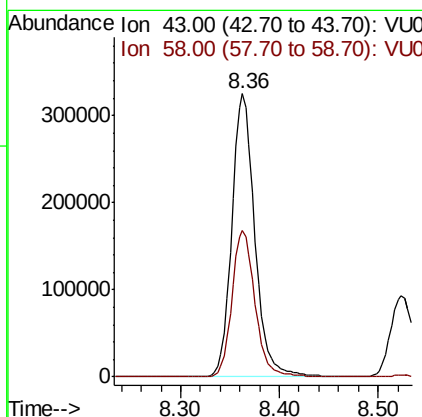
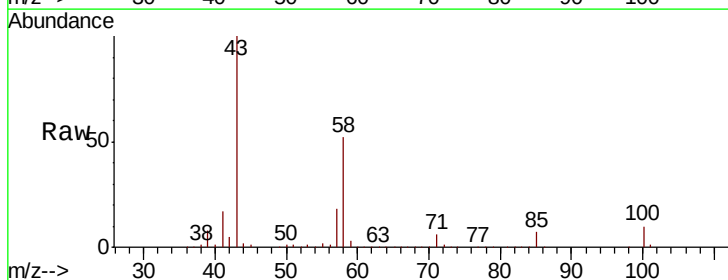
Manual Integrations
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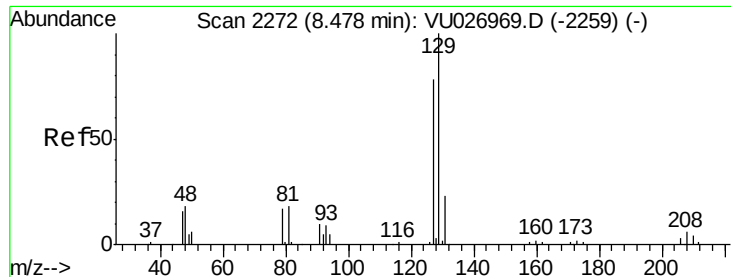
MMDadoda
 9/27/2018 3:33:25 PM



#59
 2-Hexanone
 Concen: 269.380 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.0	26.1	78.2





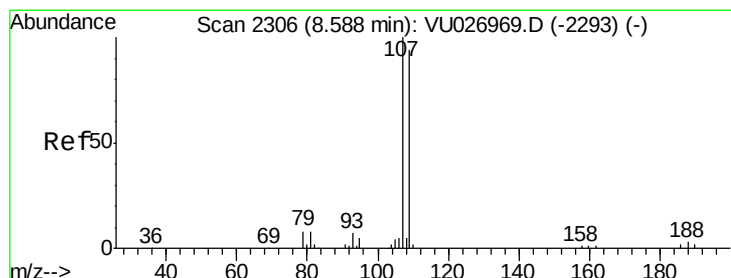
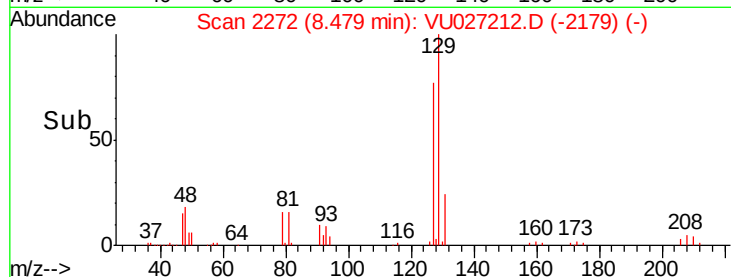
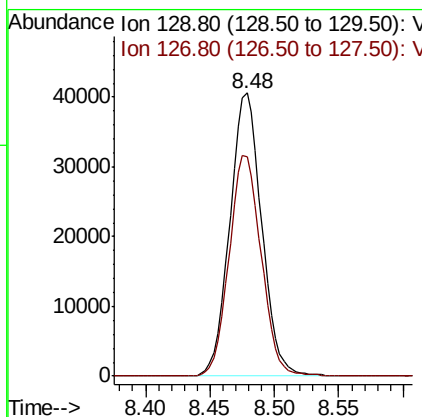
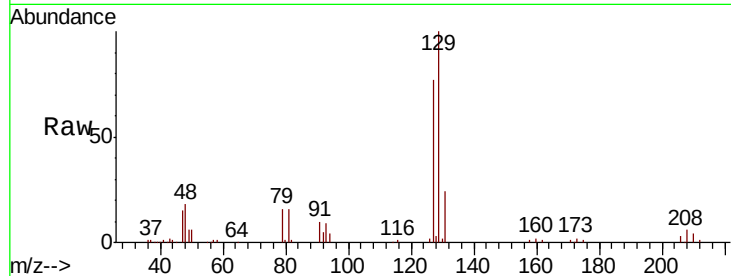
#60
Dibromochloromethane
Concen: 50.935 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion:129 Resp: 69670
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

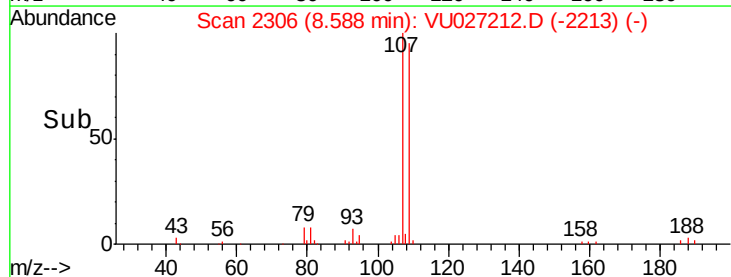
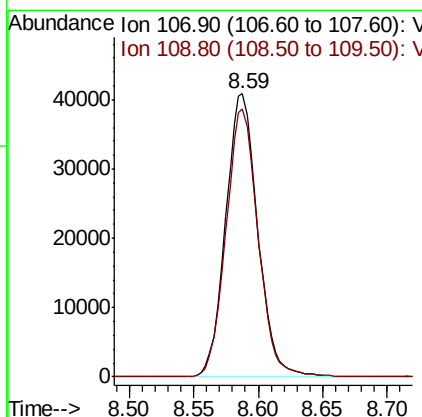
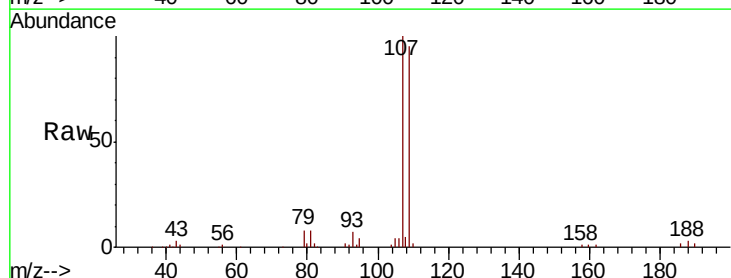
Manual Integrations
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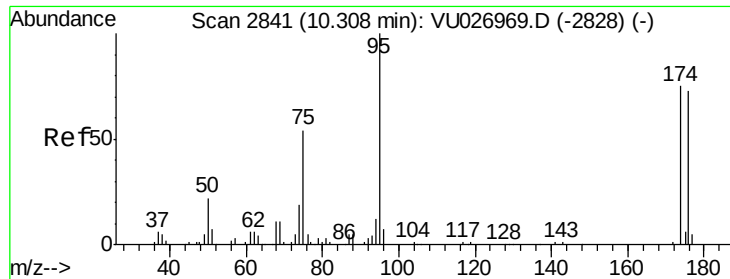
MMDadoda
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#61
1,2-Dibromoethane
Concen: 48.523 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:107 Resp: 70402
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





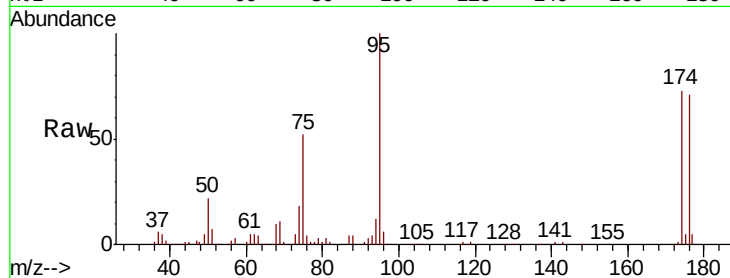
#62
4-Bromofluorobenzene
Concen: 53.764 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	150.2
176	70.5	0.0	145.2

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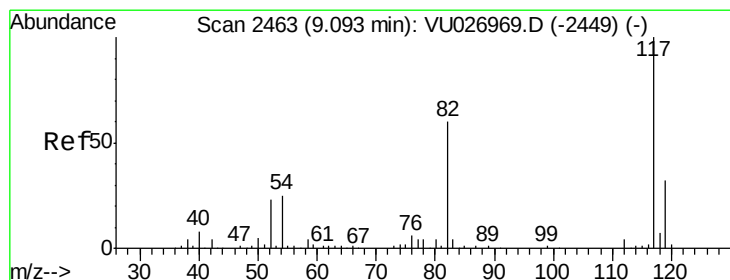
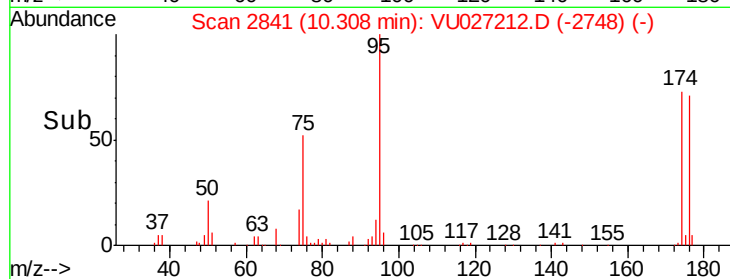
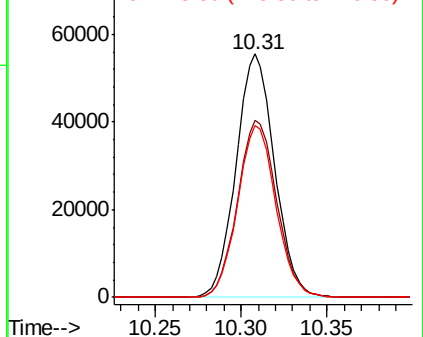
MMDadoda
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Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

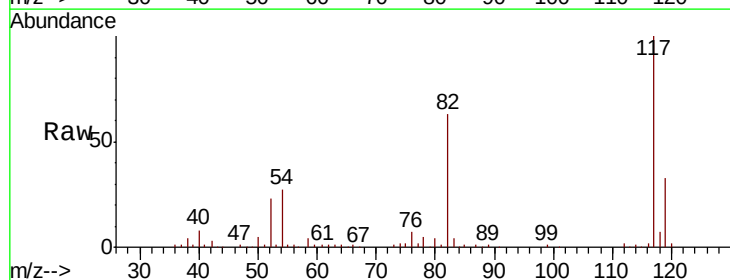
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

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



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

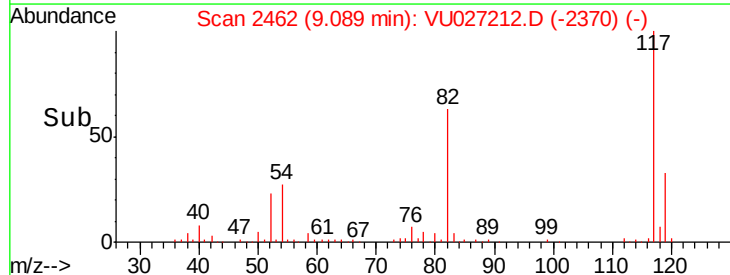
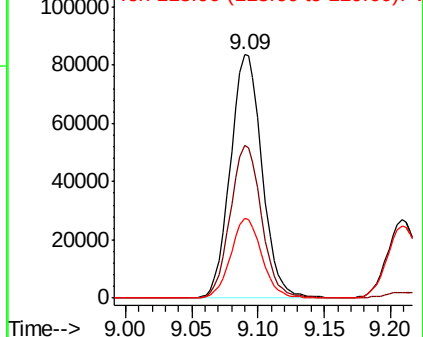
Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.5	48.0	72.0
119	32.7	25.8	38.8

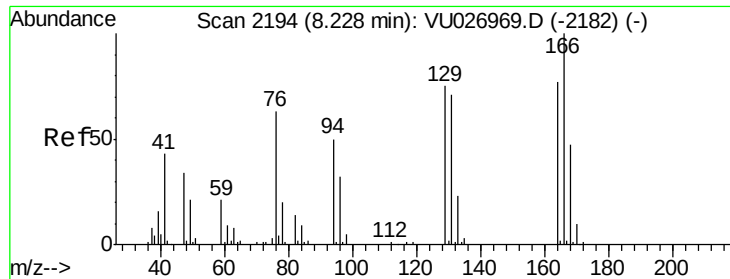


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

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

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





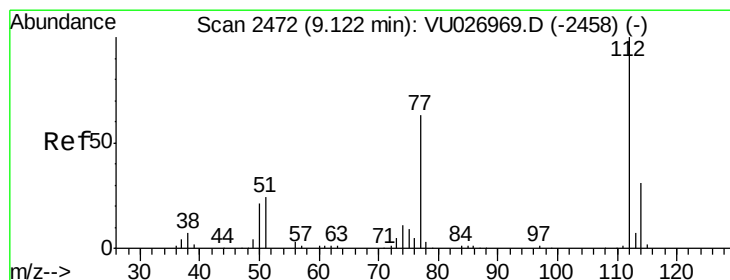
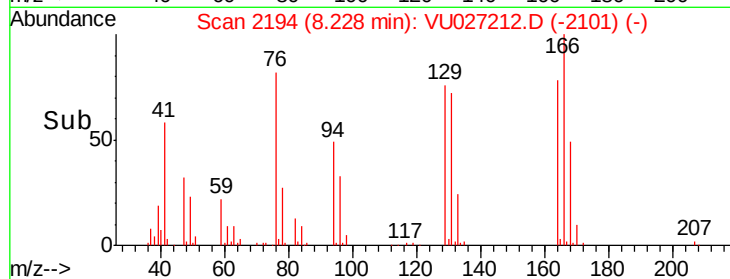
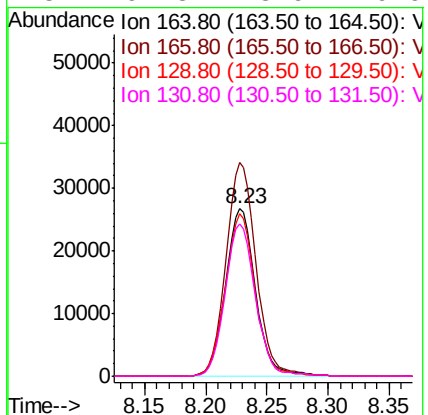
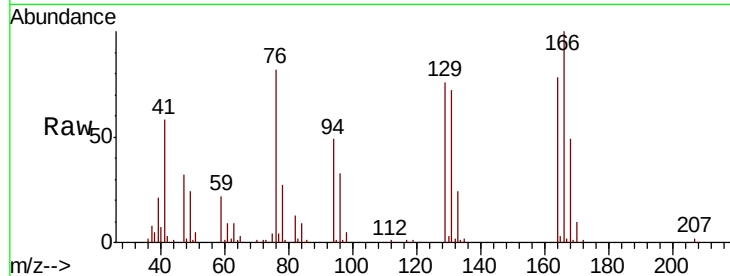
#64
Tetrachloroethene
Concen: 43.110 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.5	104.4	156.6
129	96.9	78.7	118.1
131	91.3	73.9	110.9

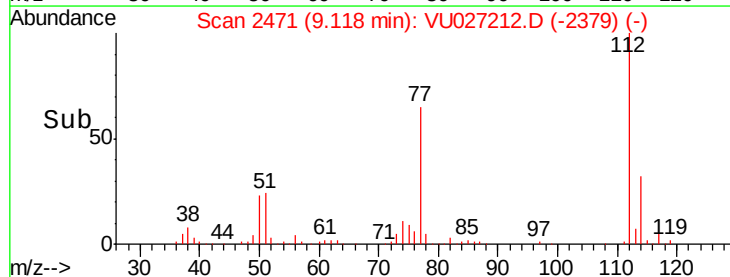
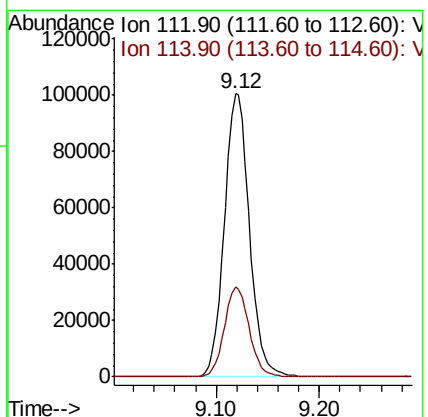
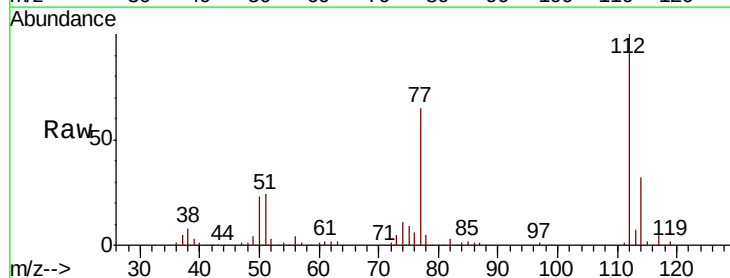
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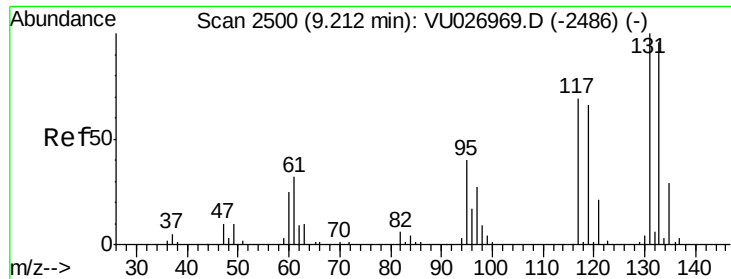
MMDadoda
9/27/2018 3:33:25 PM



#65
Chlorobenzene
Concen: 46.194 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.6





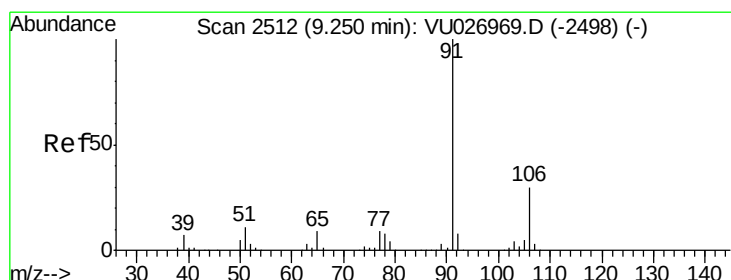
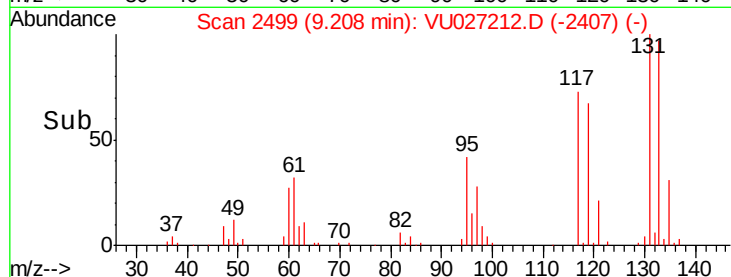
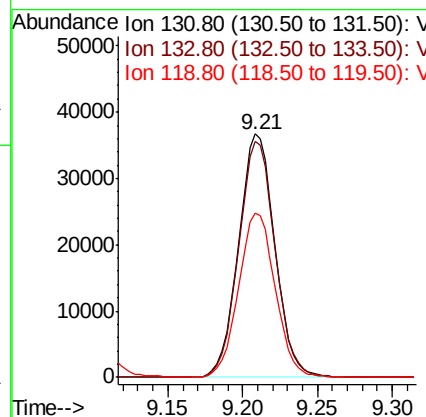
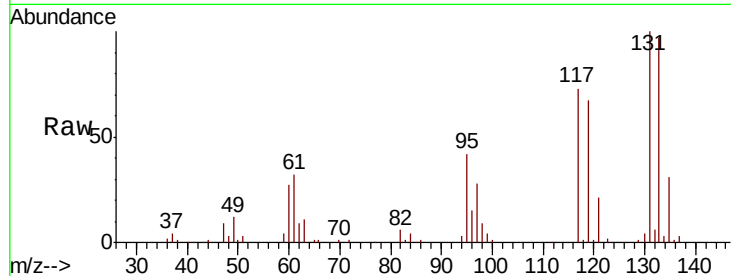
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.846 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.3	48.0	144.2
119	68.2	33.4	100.1

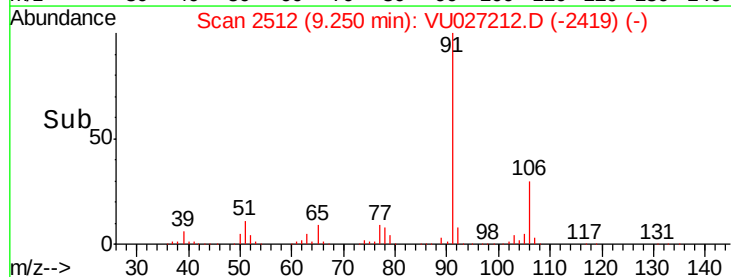
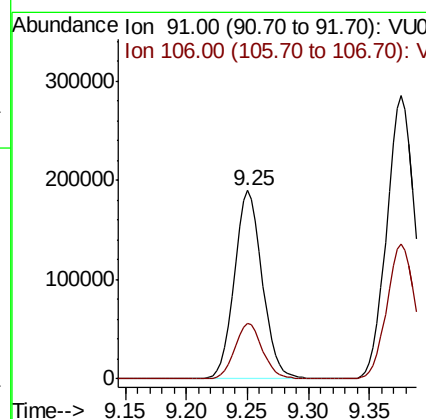
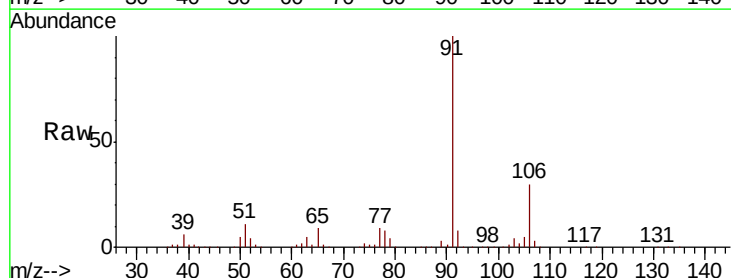
Manual Integrations
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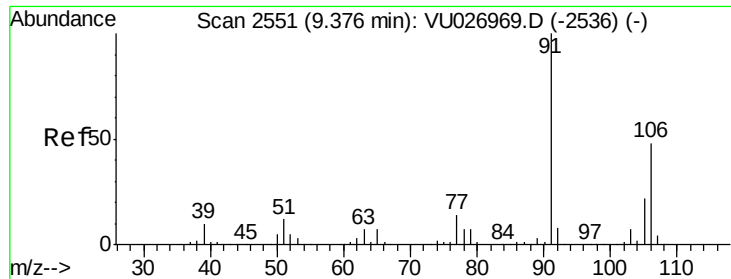
MMDadoda
 9/27/2018 3:33:25 PM



#67
 Ethyl Benzene
 Concen: 50.039 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.8





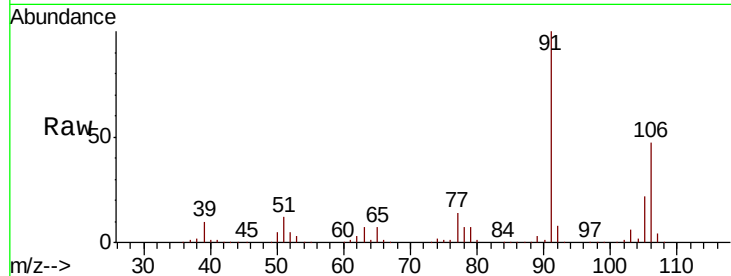
#68
m/p-Xylenes
Concen: 91.267 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

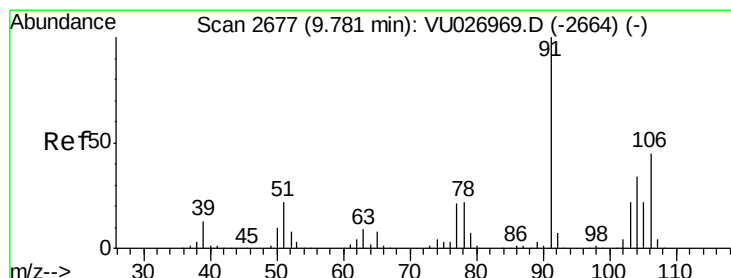
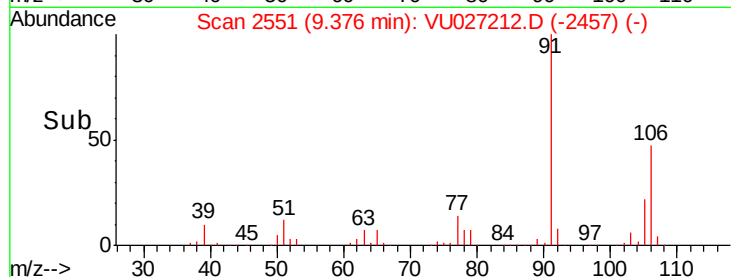
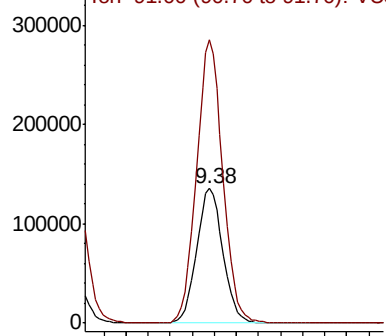
Tot Ion:106 Resp: 223426
Ion Ratio Lower Upper
106 100
91 209.7 166.5 249.7

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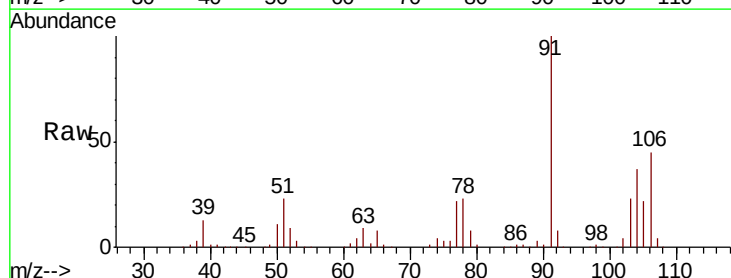


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

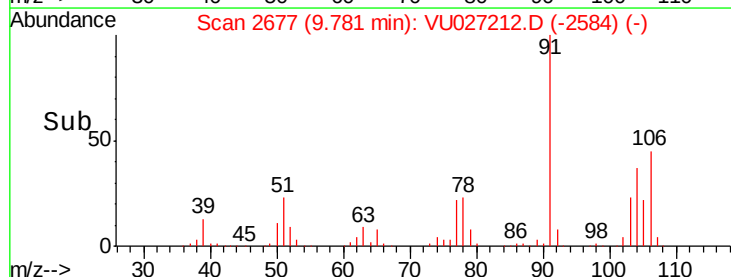
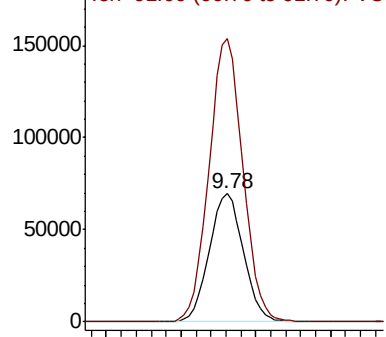


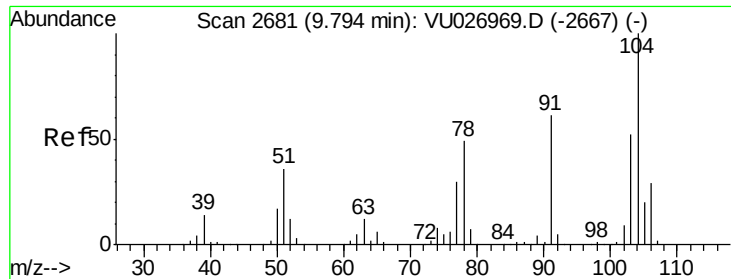
#69
o-Xylene
Concen: 51.558 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:106 Resp: 110585
Ion Ratio Lower Upper
106 100
91 219.1 110.2 330.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





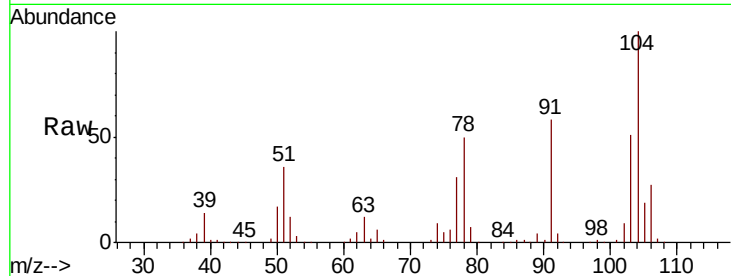
#70
Stvrene
Concen: 44.711 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

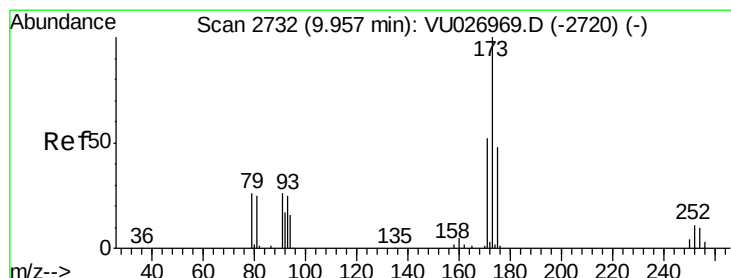
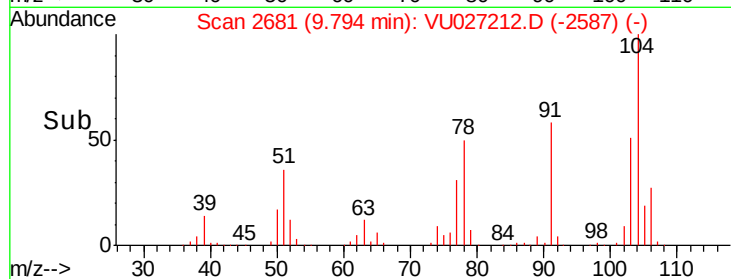
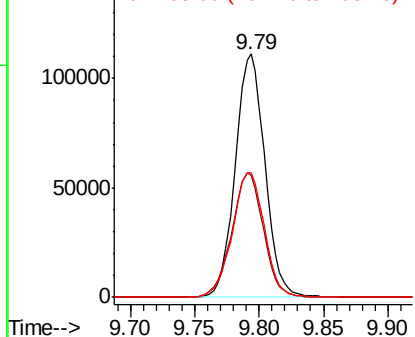
Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	43.0	64.4
103	55.3	44.1	66.1

Manual Integrations
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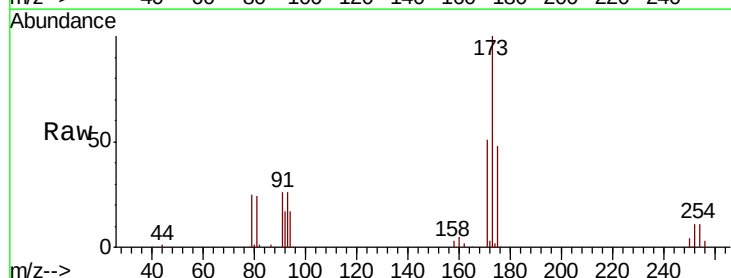


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

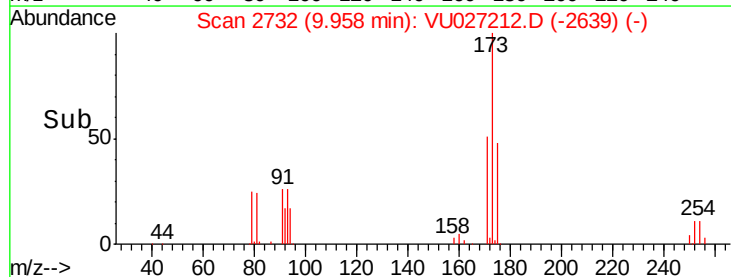
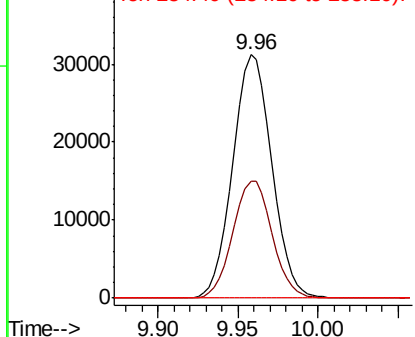


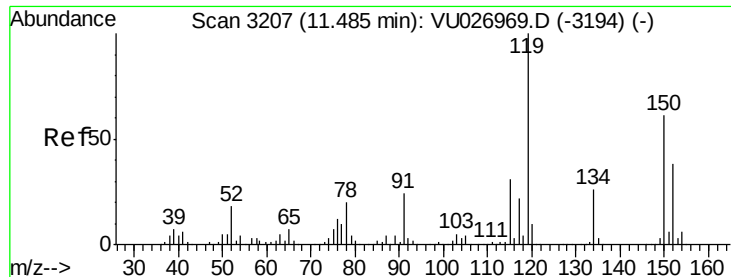
#71
Bromoform
Concen: 52.954 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.9	71.8
254	0.0	0.0	0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion:152 Resp: 75139

Ion Ratio Lower Upper

152 100

115 85.5 44.9 134.5

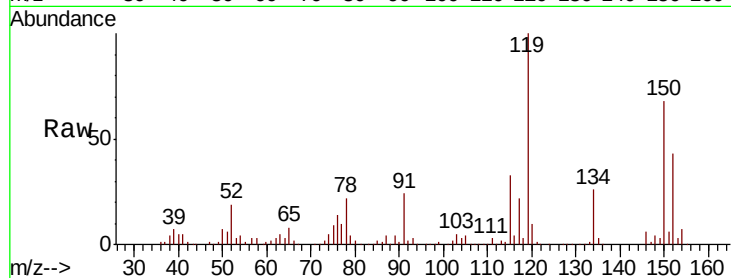
150 174.8 0.0 355.8

Manual Integrations

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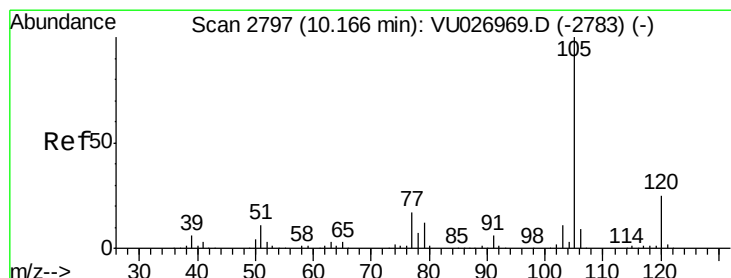
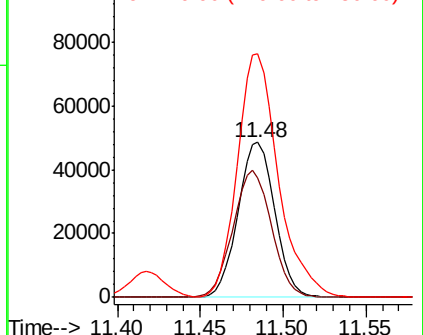
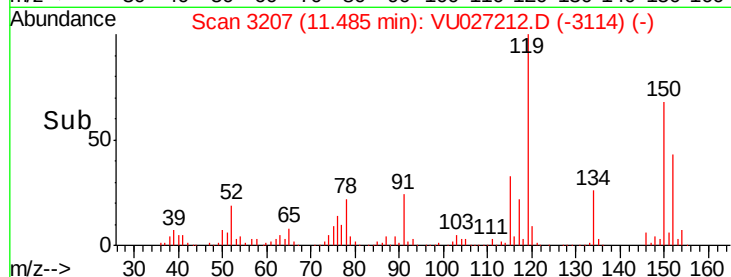
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.989 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027212.D

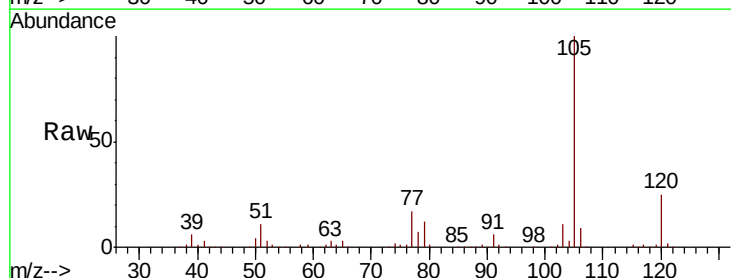
Acq: 27 Sep 2018 05:27

Tgt Ion:105 Resp: 297158

Ion Ratio Lower Upper

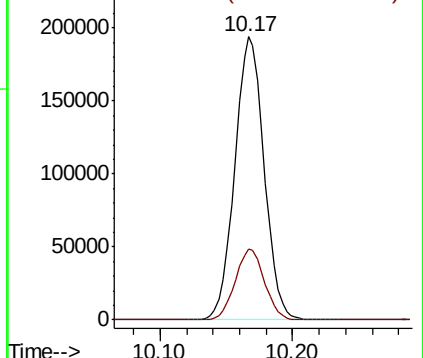
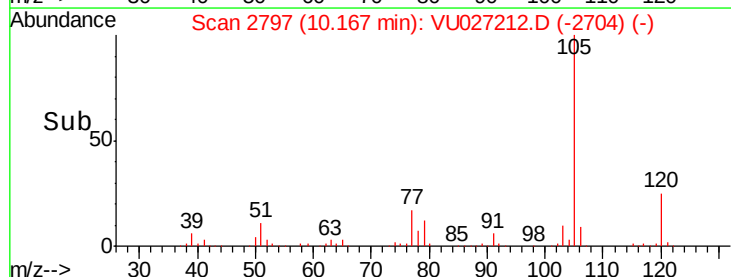
105 100

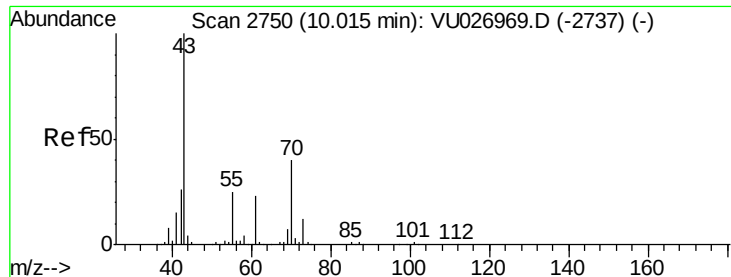
120 24.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.897 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

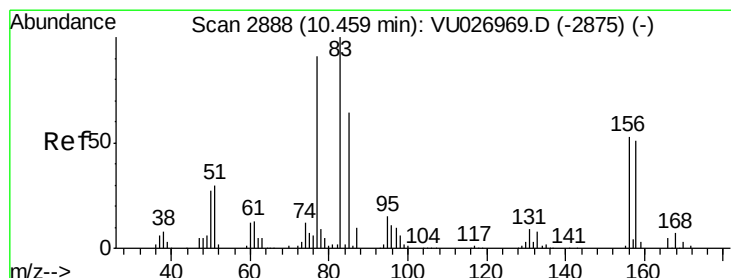
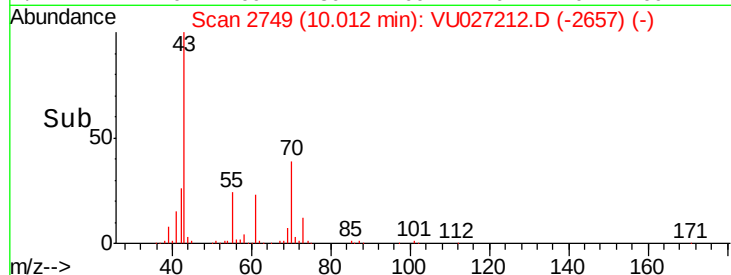
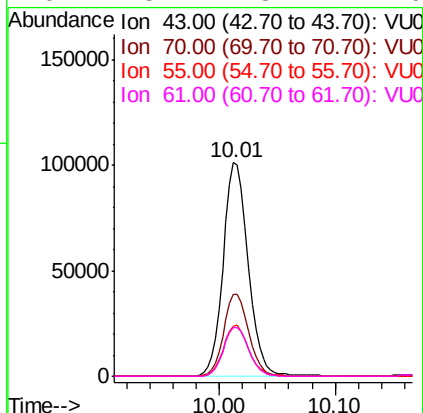
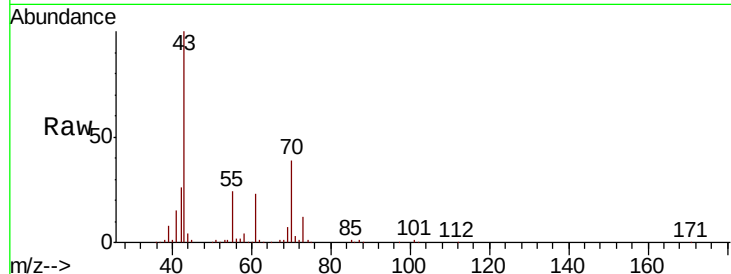
ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		151852		
70	38.6	31.8	47.8		
55	24.1	19.9	29.9		
61	23.2	18.4	27.6		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 46.493 ug/l

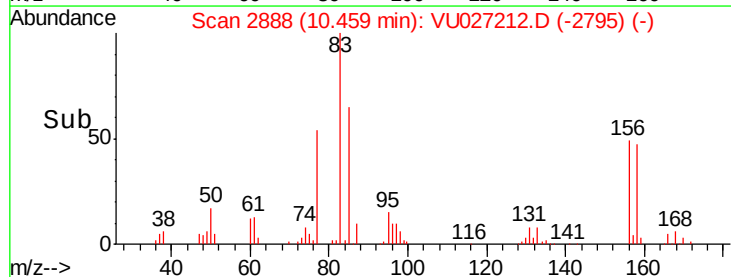
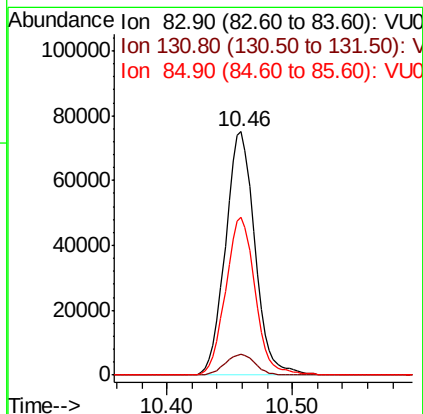
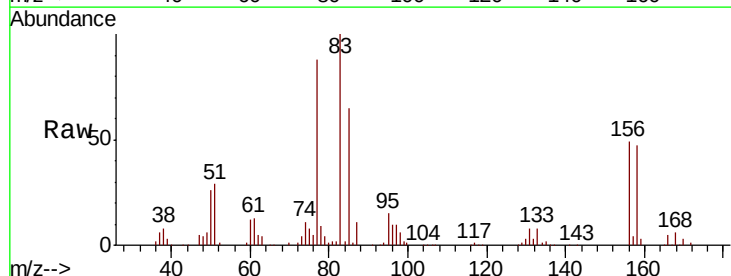
RT: 10.46 min Scan# 2888

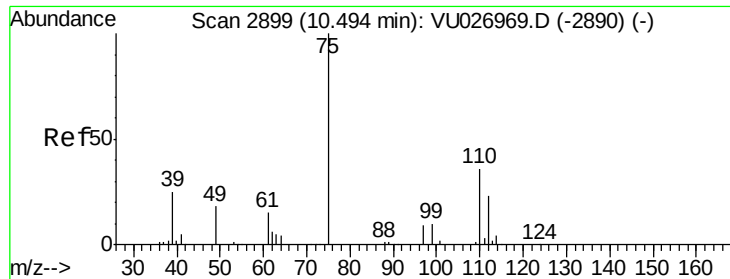
Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		122180		
131	8.5	4.3	12.8		
85	64.9	31.9	95.7		





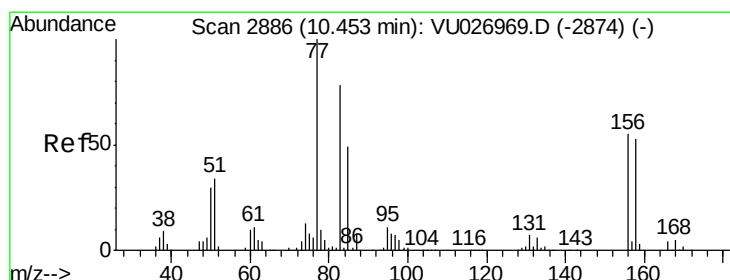
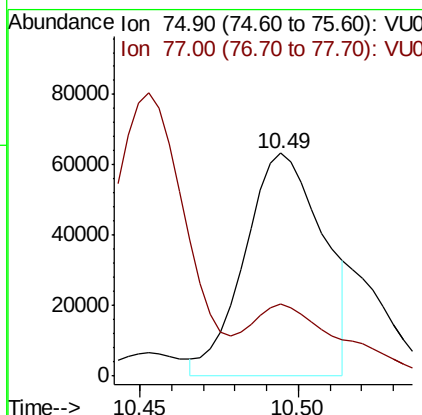
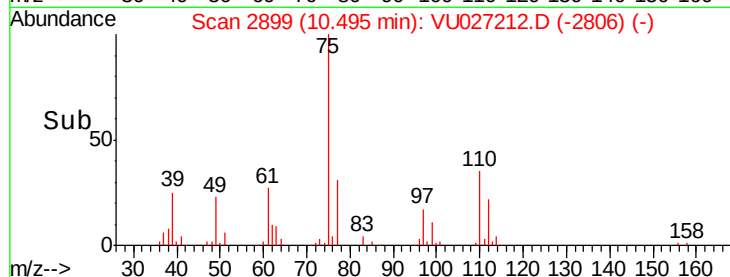
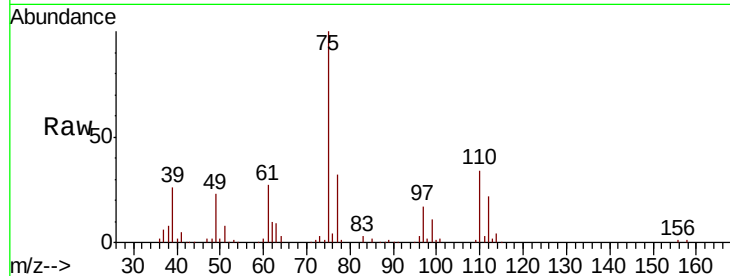
#76
 1,2,3-Trichloropropane
 Concen: 47.971 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion: 75 Resp: 109504
 Ion Ratio Lower Upper
 75 100
 77 38.6 20.9 62.8

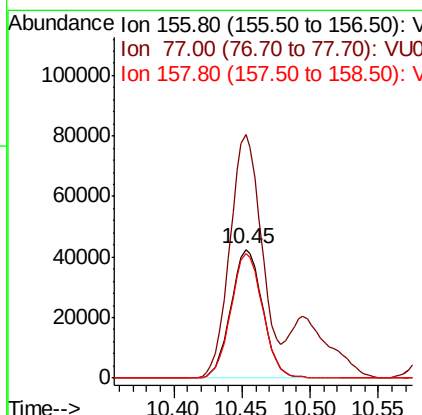
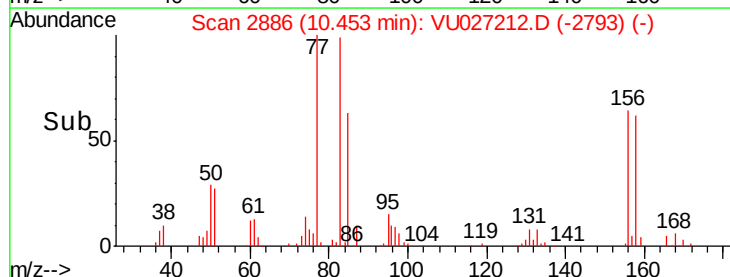
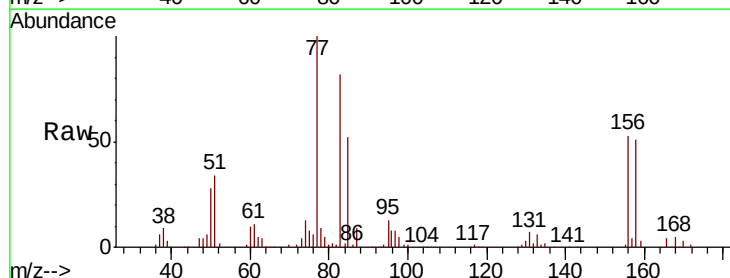
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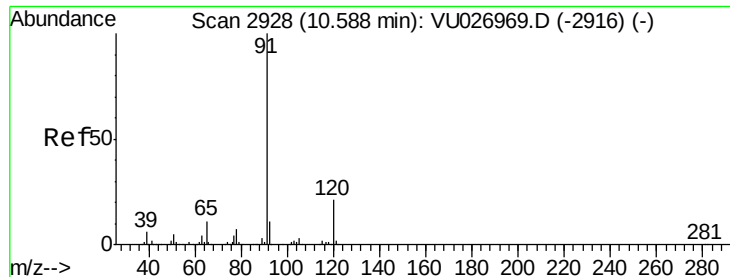
MMDadoda
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#77
 Bromobenzene
 Concen: 49.386 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 156 Resp: 68980
 Ion Ratio Lower Upper
 156 100
 77 189.5 92.3 276.9
 158 96.6 48.1 144.3





#78

n-propylbenzene

Concen: 51.551 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 91 Resp: 348642

Ion Ratio Lower Upper

91 100

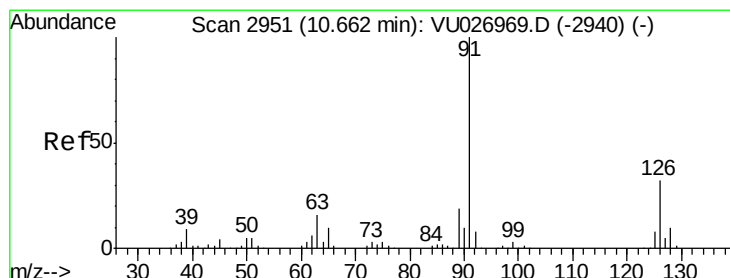
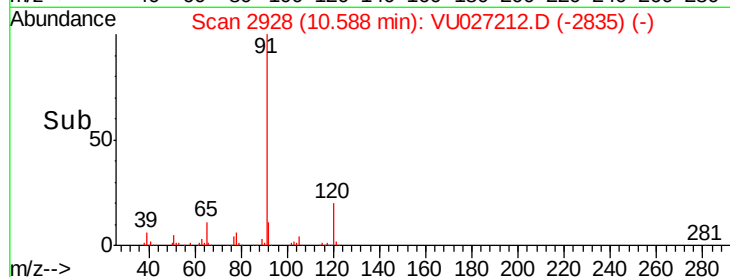
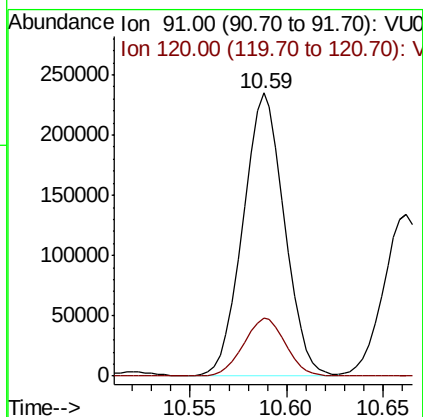
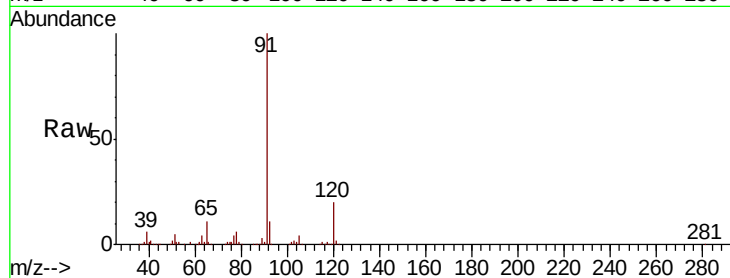
120 20.9 10.6 31.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.356 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027212.D

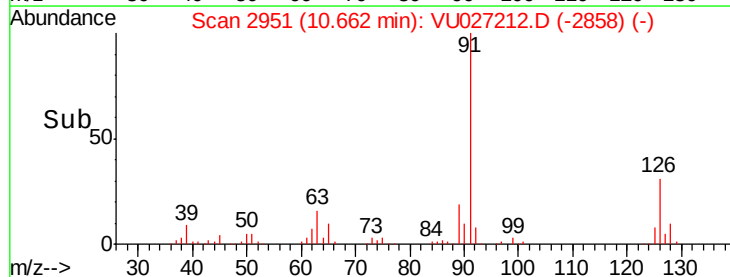
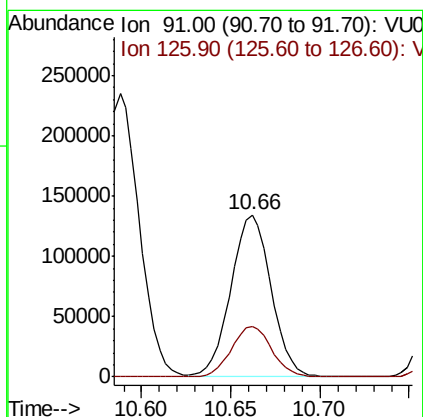
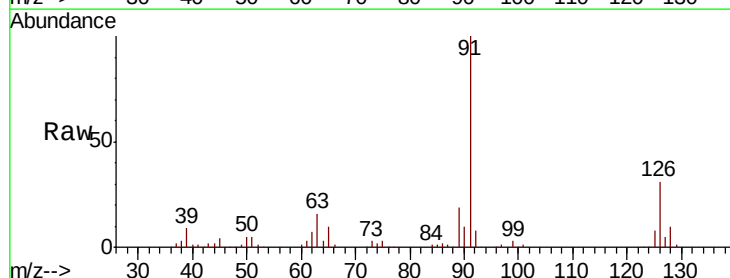
Acq: 27 Sep 2018 05:27

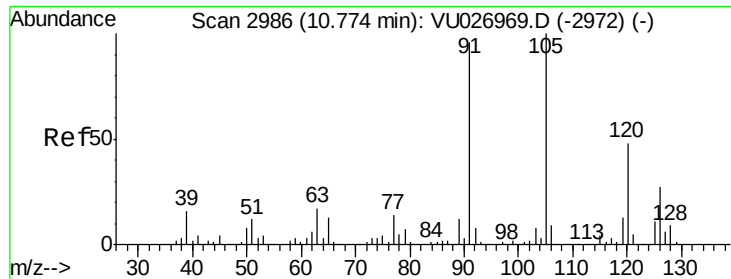
Tgt Ion: 91 Resp: 209669

Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.3





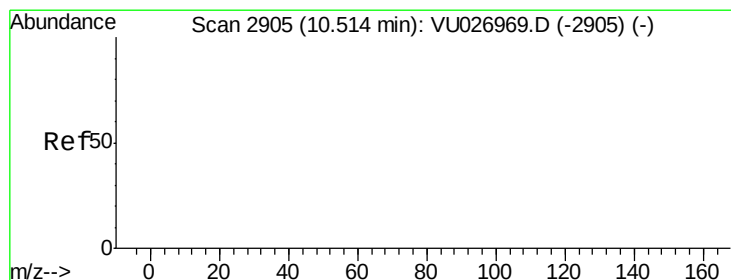
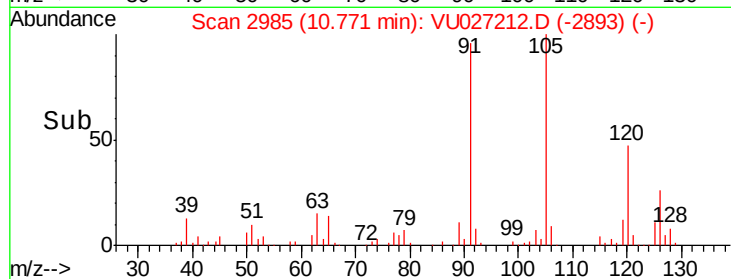
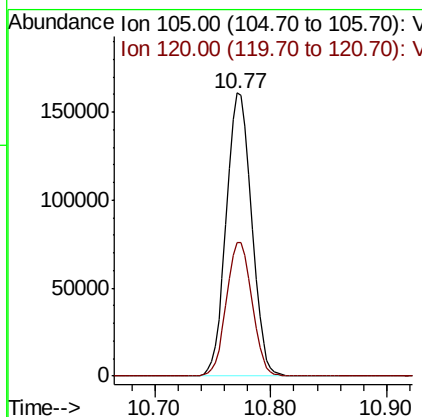
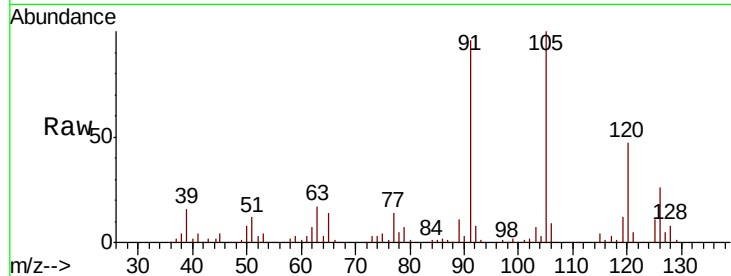
#80
 1,3,5-Trimethylbenzene
 Concen: 51.419 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion:105 Resp: 242607
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7

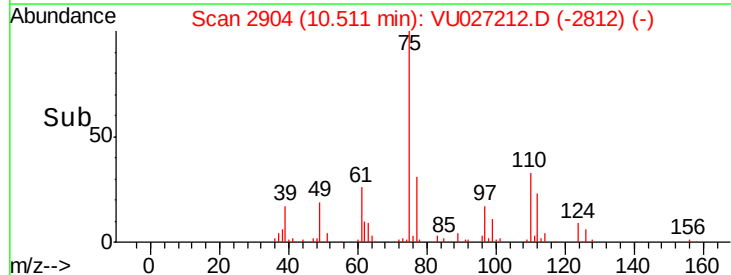
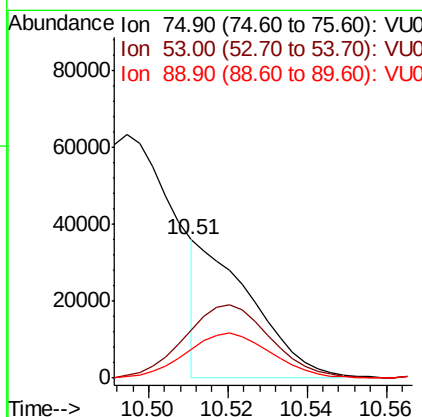
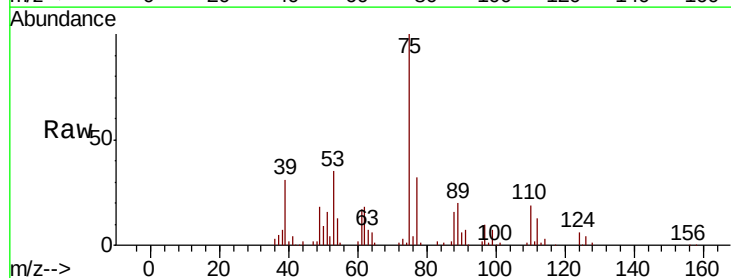
Manual Integrations
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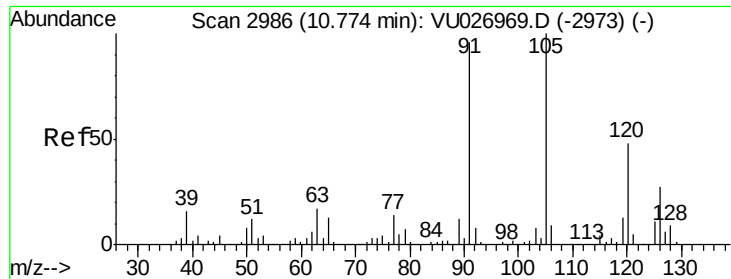
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.761 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 75 Resp: 34068
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 50.179 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 91 Resp: 239016

Ion Ratio Lower Upper

91 100

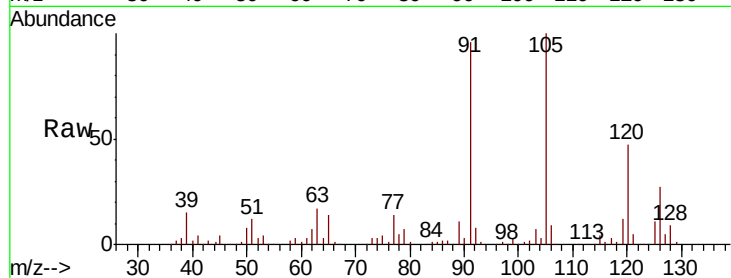
126 27.5 14.1 42.2

Manual Integrations

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

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

10.77

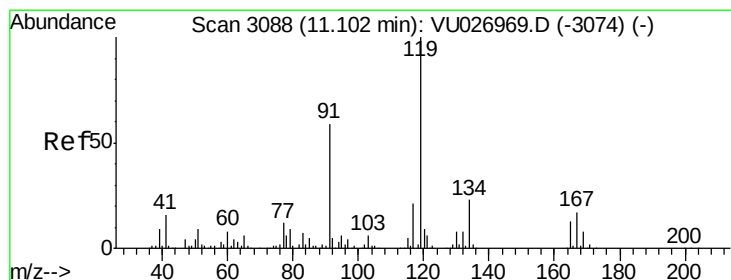
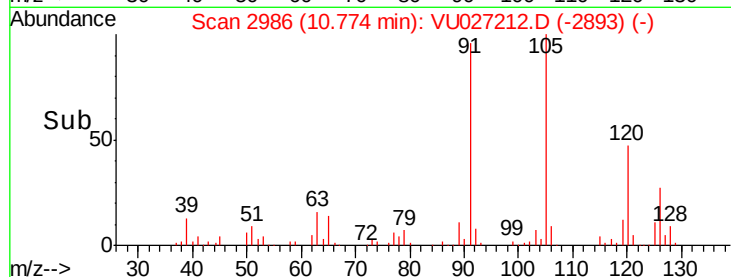
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 51.661 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

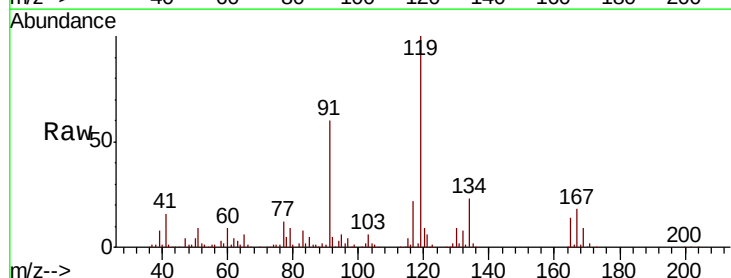
Tgt Ion: 119 Resp: 240982

Ion Ratio Lower Upper

119 100

91 58.9 29.8 89.4

134 22.5 11.5 34.4



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

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

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

11.10

200000

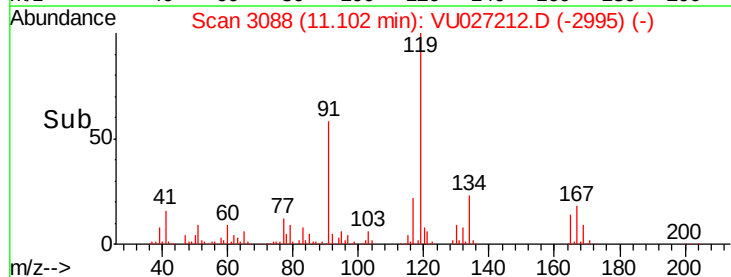
150000

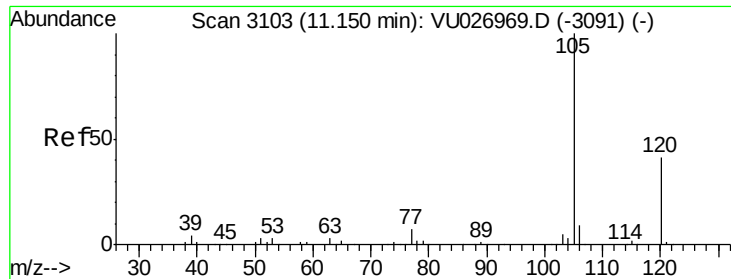
100000

50000

0

Time-->





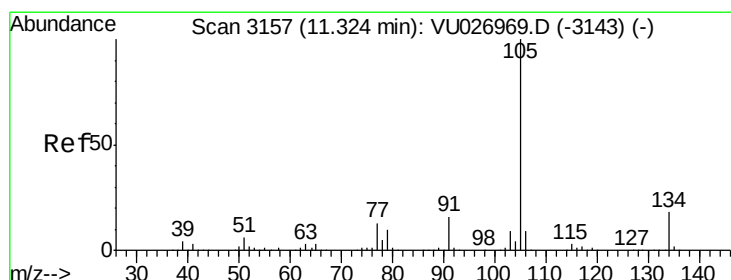
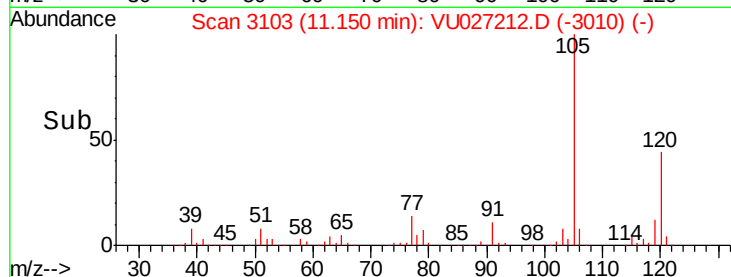
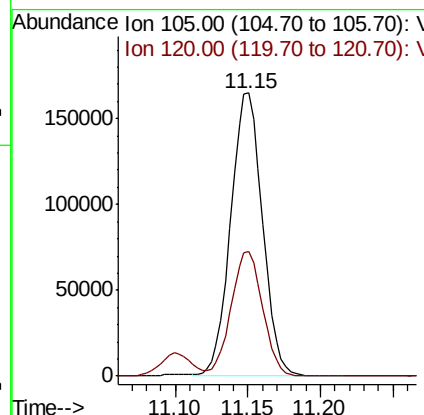
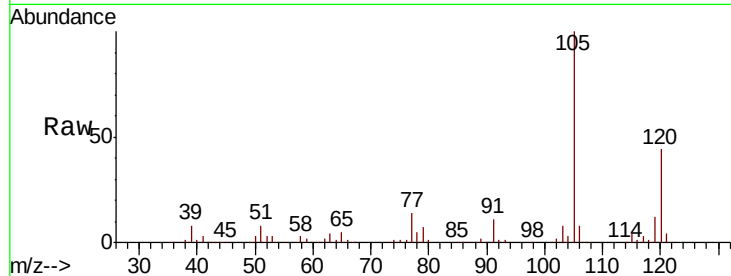
#84
 1,2,4-Trimethylbenzene
 Concen: 51.939 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion:105 Resp: 249392
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.2

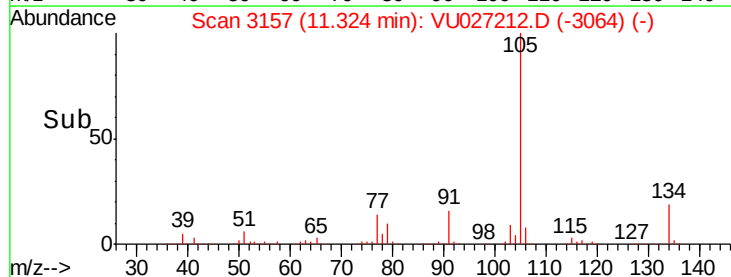
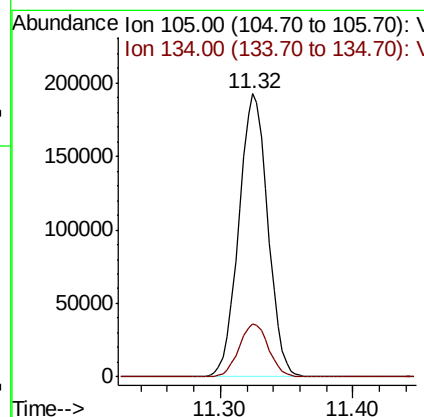
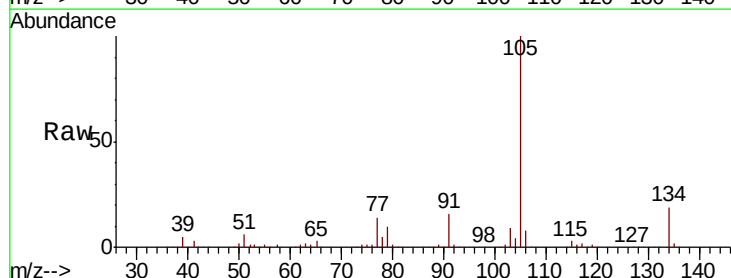
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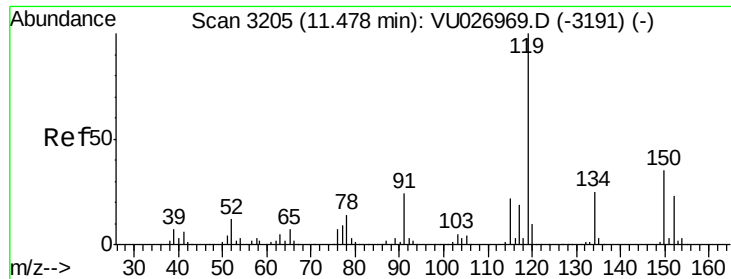
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#85
 sec-Butylbenzene
 Concen: 51.177 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion:105 Resp: 291412
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2





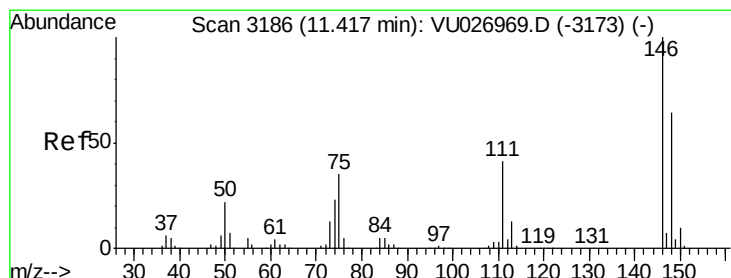
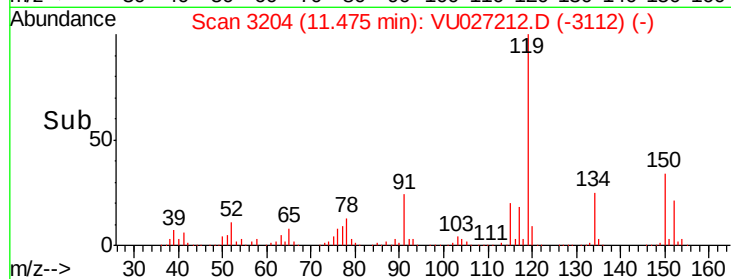
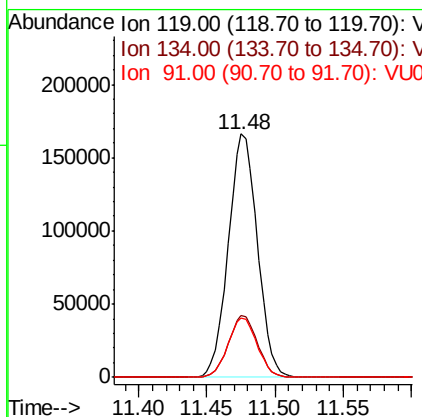
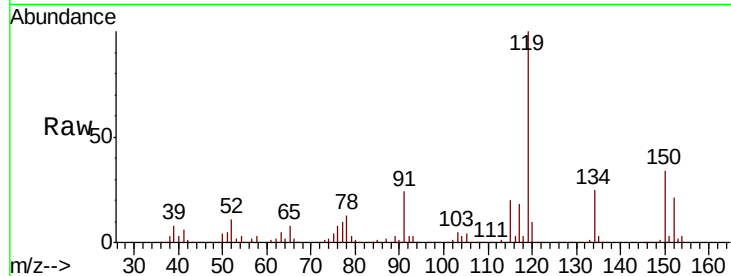
#86
 p-Isopropyltoluene
 Concen: 46.031 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.8	38.3
91	24.6	12.3	36.8

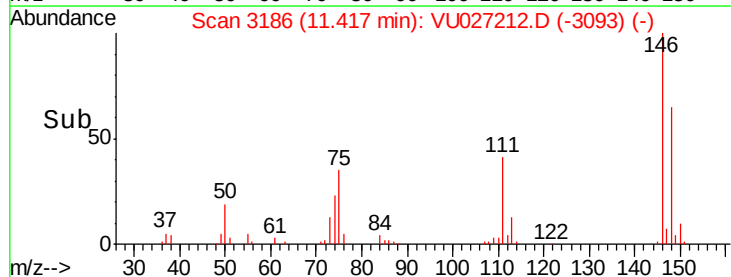
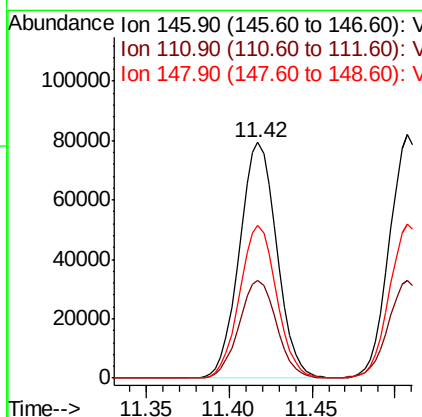
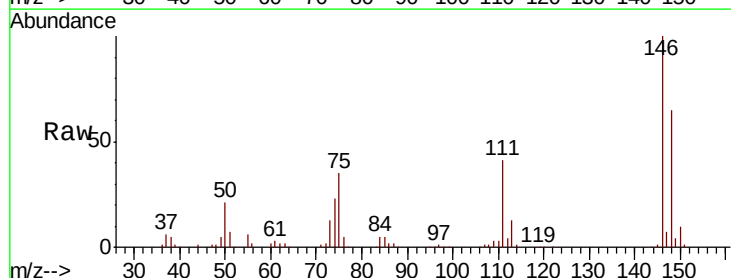
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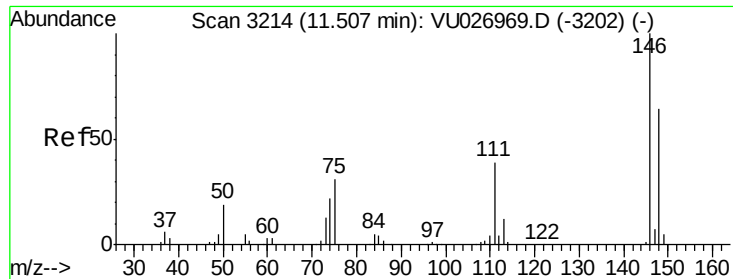
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#87
 1,3-Dichlorobenzene
 Concen: 47.732 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.2
148	64.2	32.0	96.2





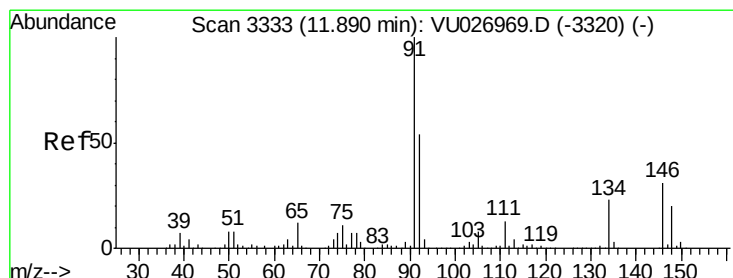
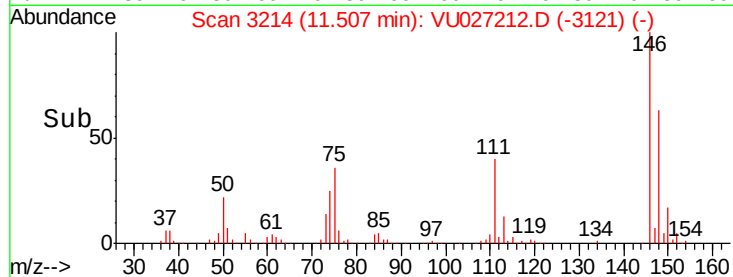
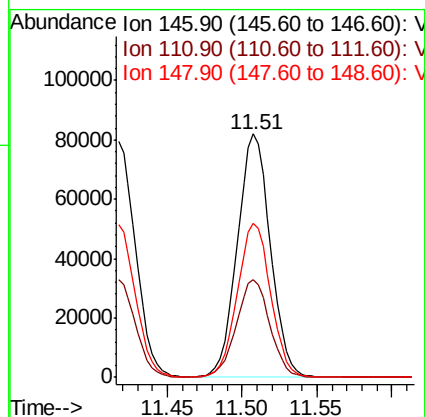
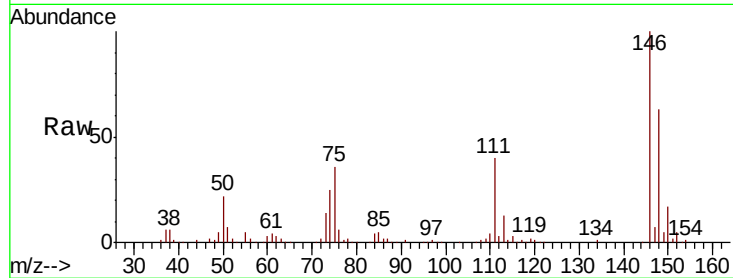
#88
 1,4-Dichlorobenzene
 Concen: 44.332 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.9
148	64.1	31.9	95.9

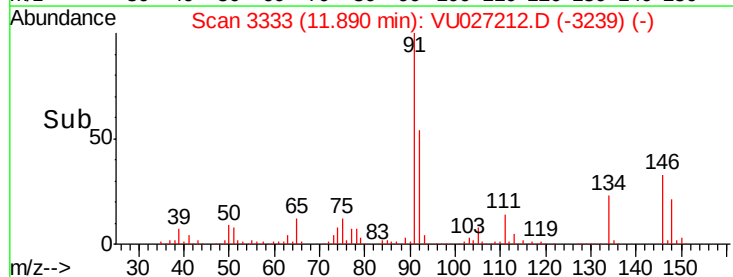
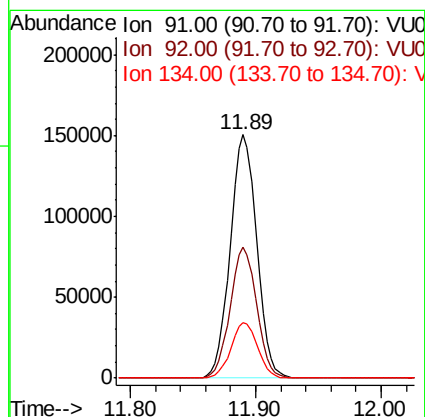
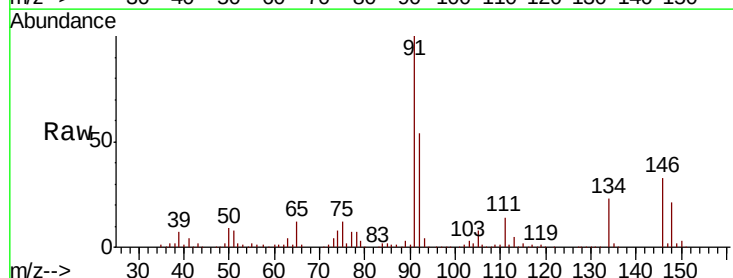
Manual Integrations
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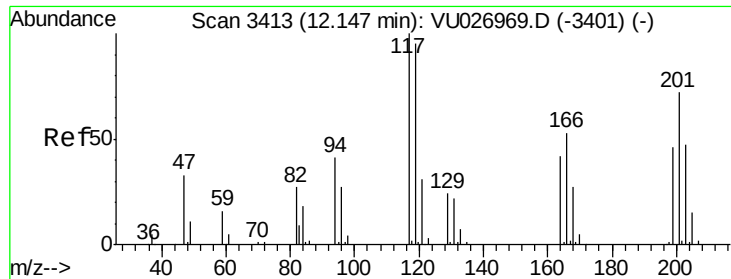
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#89
 n-Butylbenzene
 Concen: 43.013 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.1	81.2
134	22.9	11.7	35.0





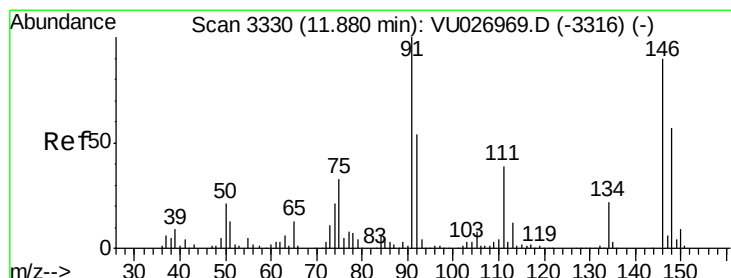
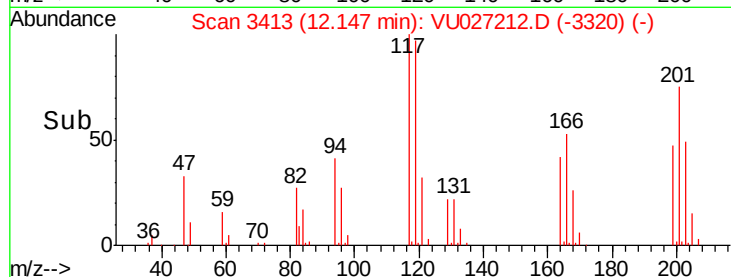
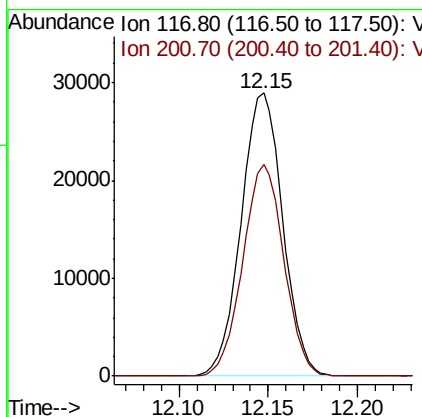
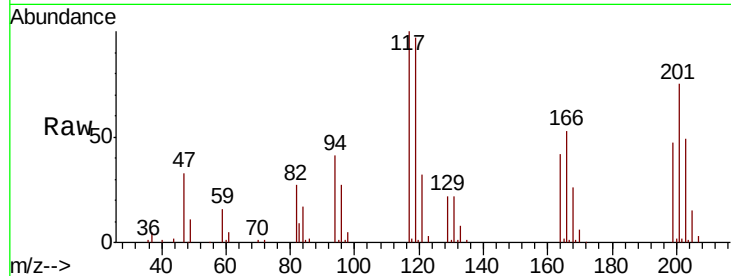
#90
Hexachloroethane
Concen: 45.461 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion:117 Resp: 47074
Ion Ratio Lower Upper
117 100
201 73.8 36.8 110.3

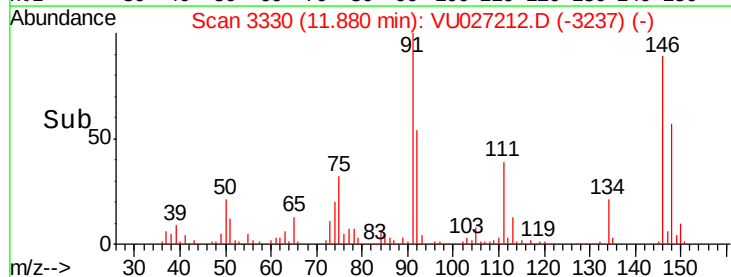
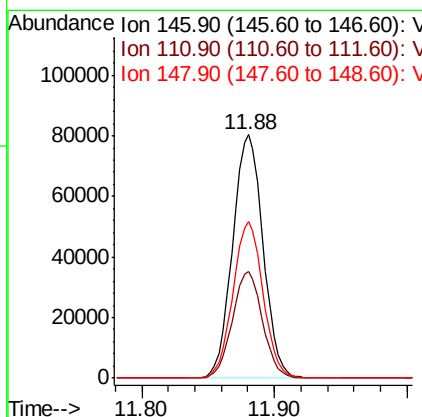
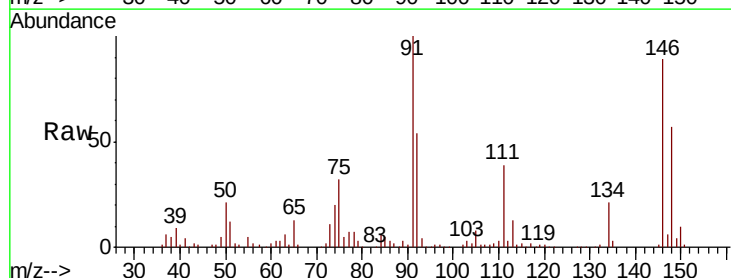
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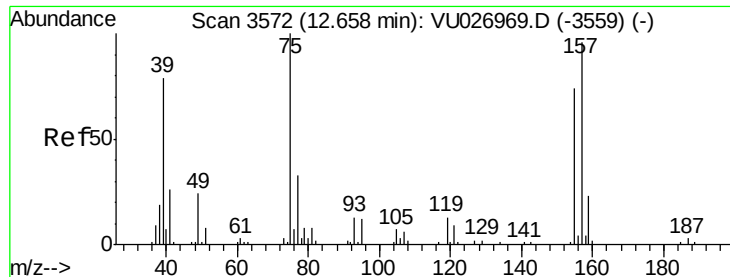
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#91
1,2-Dichlorobenzene
Concen: 46.250 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:146 Resp: 127696
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.3
148 63.7 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.133 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

Tot Ion: 75 Resp: 27413

Ion Ratio Lower Upper

75 100

155 73.5 36.6 109.8

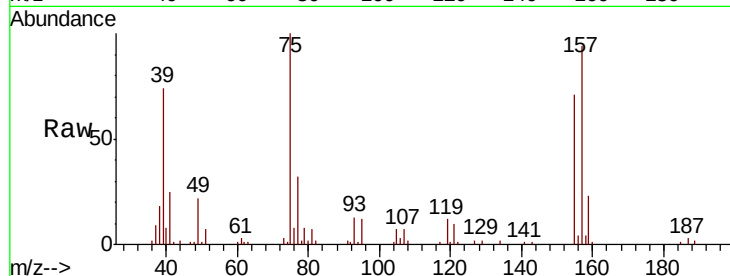
157 95.6 47.4 142.2

Manual Integrations

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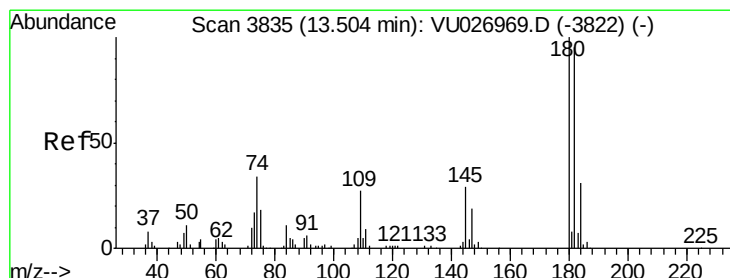
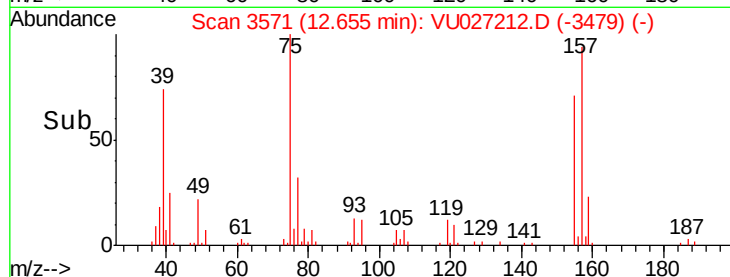
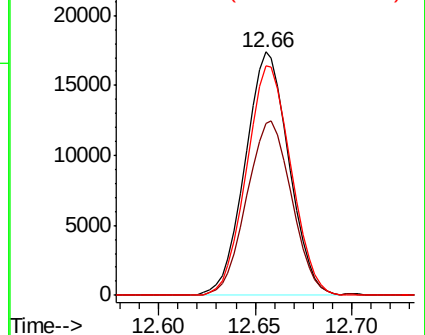
9/27/2018 3:33:25 PM



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-3559) (-)

Ion 154.80 (154.50 to 155.50): VU026969.D (-3559) (-)

Ion 156.80 (156.50 to 157.50): VU026969.D (-3559) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.509 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

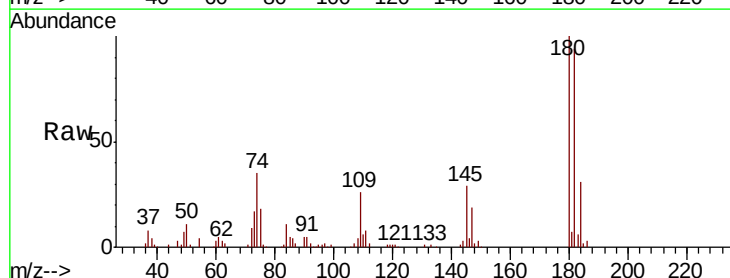
Tgt Ion: 180 Resp: 80362

Ion Ratio Lower Upper

180 100

182 93.3 47.4 142.2

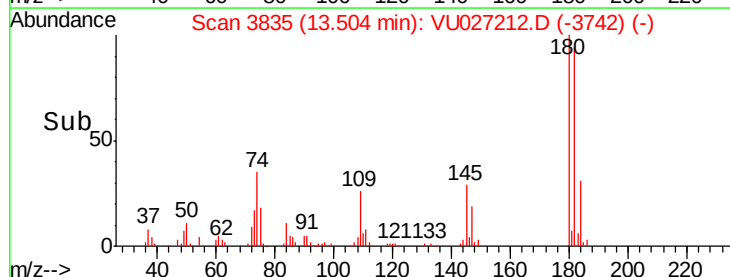
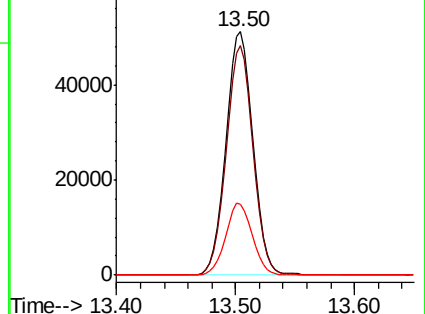
145 29.2 14.9 44.5

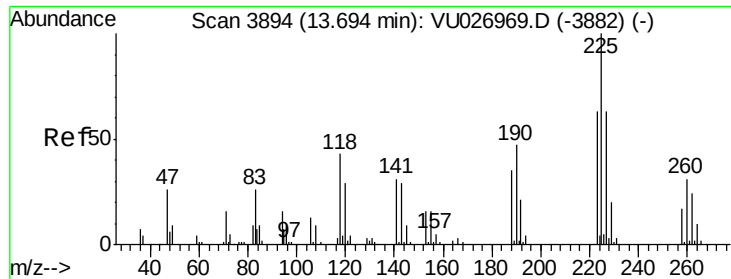


Abundance Ion 179.80 (179.50 to 180.50): VU026969.D (-3822) (-)

Ion 181.80 (181.50 to 182.50): VU026969.D (-3822) (-)

Ion 144.80 (144.50 to 145.50): VU026969.D (-3822) (-)





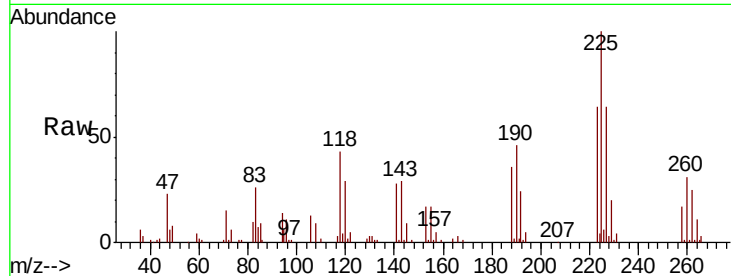
#94
Hexachlorobutadiene
Concen: 43.573 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.4	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
9/27/2018 3:33:25 PM

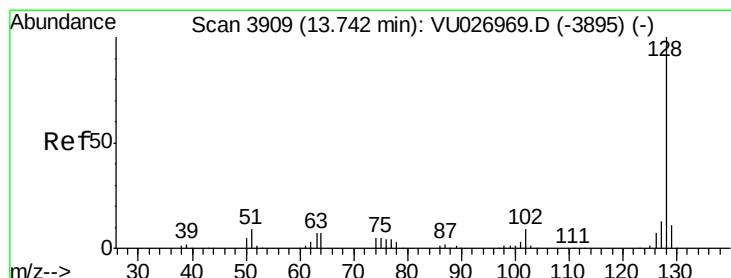
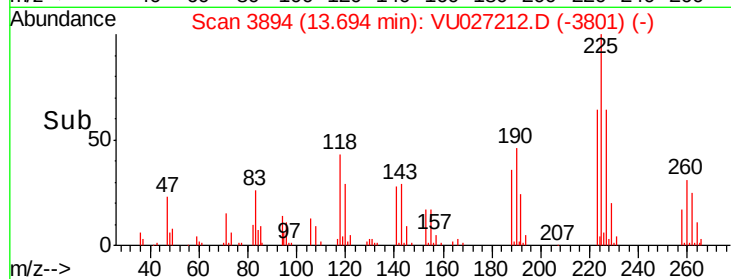
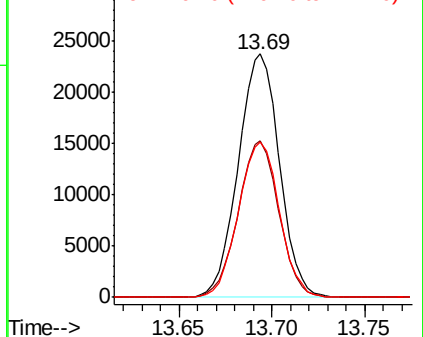


Abundance

Ion 224.70 (224.40 to 225.40): V

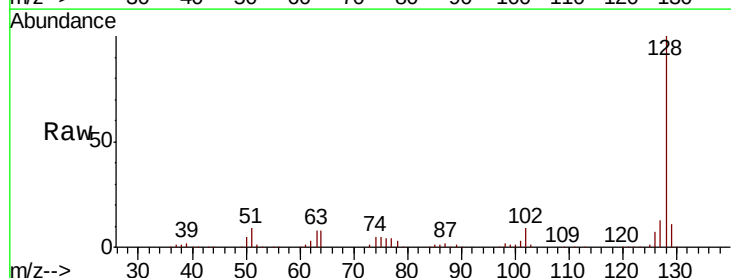
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 46.918 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.6	12.8

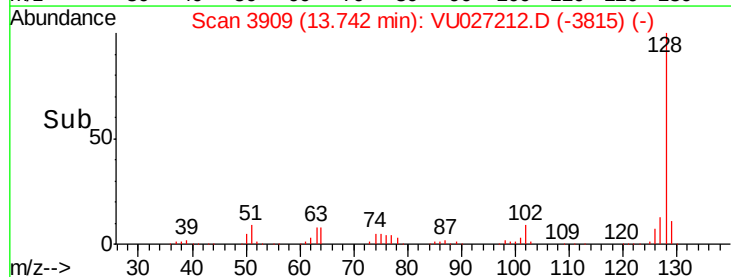
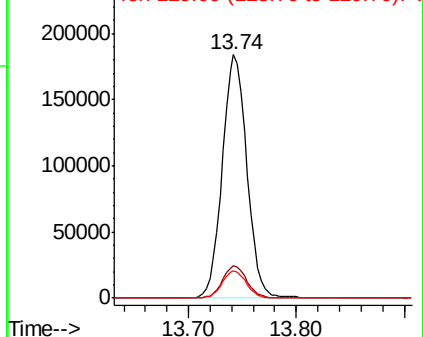


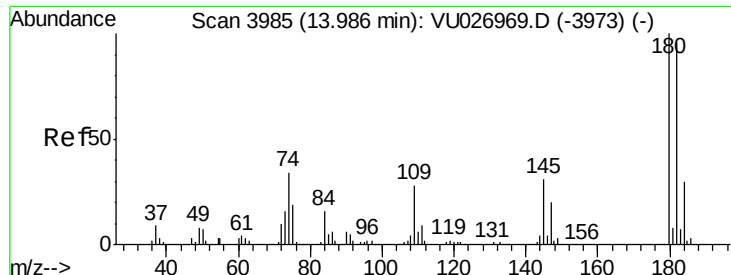
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.164 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tot Ion:	180	Resp:	85592
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.5
145	30.5	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:25 PM

