

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027213.D
 Acq On : 27 Sep 2018 05:50
 Operator : MD/SY
 Sample : J5048-11MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:26 PM

Quant Time: Sep 27 08:21:33 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	78201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	83523	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	4.88	113	60017	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	7.57	98	220549	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.31	95	81463	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	41504	40.650	ug/l	98
3) Chloromethane	1.33	50	69363	39.403	ug/l	100
4) Vinyl Chloride	1.40	62	72240	43.963	ug/l	98
5) Bromomethane	1.62	94	14992	16.022	ug/l	94
6) Chloroethane	1.69	64	49389	47.041	ug/l	100
7) Trichlorofluoromethane	1.88	101	82639	44.280	ug/l	99
8) Diethyl Ether	2.10	74	44656	49.712	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49323	42.982	ug/l	100
10) Methyl Iodide	2.41	142	13293	9.340	ug/l	100
11) Tert butyl alcohol	2.83	59	103355	286.497	ug/l	98
12) 1,1-Dichloroethene	2.28	96	48030	44.469	ug/l	96
13) Acrolein	2.19	56	34031	174.993	ug/l	99
14) Allyl chloride	2.59	41	111161	50.744	ug/l	97
15) Acrylonitrile	2.94	53	257414	283.109	ug/l	99
16) Acetone	2.32	43	228713	275.237	ug/l	99
17) Carbon Disulfide	2.48	76	147788	42.003	ug/l	100
18) Methyl Acetate	2.61	43	116540	52.022	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	227981	57.440	ug/l	100
20) Methylene Chloride	2.70	84	68146	48.345	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	55740	48.337	ug/l	98
22) Diisopropyl ether	3.57	45	270077	57.640	ug/l	97
23) Vinyl Acetate	3.52	43	985395	246.713	ug/l	99
24) 1,1-Dichloroethane	3.45	63	134830	52.247	ug/l	100
25) 2-Butanone	4.26	43	362317	273.921	ug/l	99
26) 2,2-Dichloropropane	4.23	77	54831	27.244	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	75316	57.833	ug/l	96
28) Bromochloromethane	4.55	49	72322	58.137	ug/l	98
29) Tetrahydrofuran	4.64	42	235774	294.663	ug/l	97
30) Chloroform	4.67	83	123039	51.364	ug/l	99
31) Cyclohexane	5.00	56	107853	45.929	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	98266	51.379	ug/l	98
36) 1,1-Dichloropropene	5.14	75	84683	46.245	ug/l	99
37) Ethyl Acetate	4.38	43	112564	45.408	ug/l	100
38) Carbon Tetrachloride	5.13	117	80345	46.106	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	89311	44.880	ug/l	98
40) Benzene	5.39	78	266495	47.873	ug/l	99
41) Methacrylonitrile	4.54	41	75769	58.853	ug/l	98
42) 1,2-Dichloroethane	5.40	62	105619	50.218	ug/l	100
43) Isopropyl Acetate	5.55	43	189451	52.404	ug/l	100
44) Trichloroethene	6.19	130	61788	52.137	ug/l	100
45) 1,2-Dichloropropane	6.43	63	82490	52.006	ug/l	98
46) Dibromomethane	6.56	93	47841	49.940	ug/l	99
47) Bromodichloromethane	6.76	83	96983	50.068	ug/l	100
48) Methyl methacrylate	6.62	41	103804	52.699	ug/l	98
49) 1,4-Dioxane	6.61	88	37310	954.686	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	700945	288.281	ug/l	100
52) Toluene	7.64	92	158708	49.738	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	104684	50.300	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	108682	47.494	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69861	51.670	ug/l	99
56) Ethyl methacrylate	8.02	69	120062	51.127	ug/l	97
57) 1,3-Dichloropropane	8.24	76	132242	52.588	ug/l	100
59) 2-Hexanone	8.36	43	540183	283.814	ug/l	100
60) Dibromochloromethane	8.48	129	70620	53.249	ug/l	98
61) 1,2-Dibromoethane	8.59	107	72074	51.234	ug/l	100
64) Tetrachloroethene	8.23	164	45253	44.354	ug/l	98
65) Chlorobenzene	9.12	112	166979	47.563	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63514	52.526	ug/l	97
67) Ethyl Benzene	9.25	91	296945	51.438	ug/l	99
68) m/p-Xylenes	9.38	106	220119	94.238	ug/l	100
69) o-Xylene	9.78	106	107872	52.738	ug/l	98
70) Stvrene	9.79	104	178497	46.856	ug/l	99
71) Bromoform	9.96	173	52372	56.008	ug/l #	98
73) Isopropylbenzene	10.17	105	289898	53.226	ug/l	100
74) N-amyl acetate	10.02	43	159723	50.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	125004	49.918	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	104898m	48.225	ug/l	
77) Bromobenzene	10.45	156	67576	50.772	ug/l	97
78) n-propylbenzene	10.59	91	342190	53.098	ug/l	100
79) 2-Chlorotoluene	10.66	91	206865	51.103	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	239671	53.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	33601m	49.434	ug/l	
82) 4-Chlorotoluene	10.77	91	237850	52.402	ug/l	100
83) tert-Butylbenzene	11.10	119	236634	53.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	245346	53.621	ug/l	99
85) sec-Butylbenzene	11.32	105	290358	53.512	ug/l	100
86) p-Isopropyltoluene	11.48	119	245804	48.310	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	124359	50.210	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	125152	46.363	ug/l	100
89) n-Butylbenzene	11.89	91	222173	45.254	ug/l	100
90) Hexachloroethane	12.15	117	45844	46.462	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	127417	48.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28327	55.450	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	82645	54.511	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36786	45.856	ug/l	100
95) Naphthalene	13.74	128	301212	50.786	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86029	52.913	ug/l	100

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

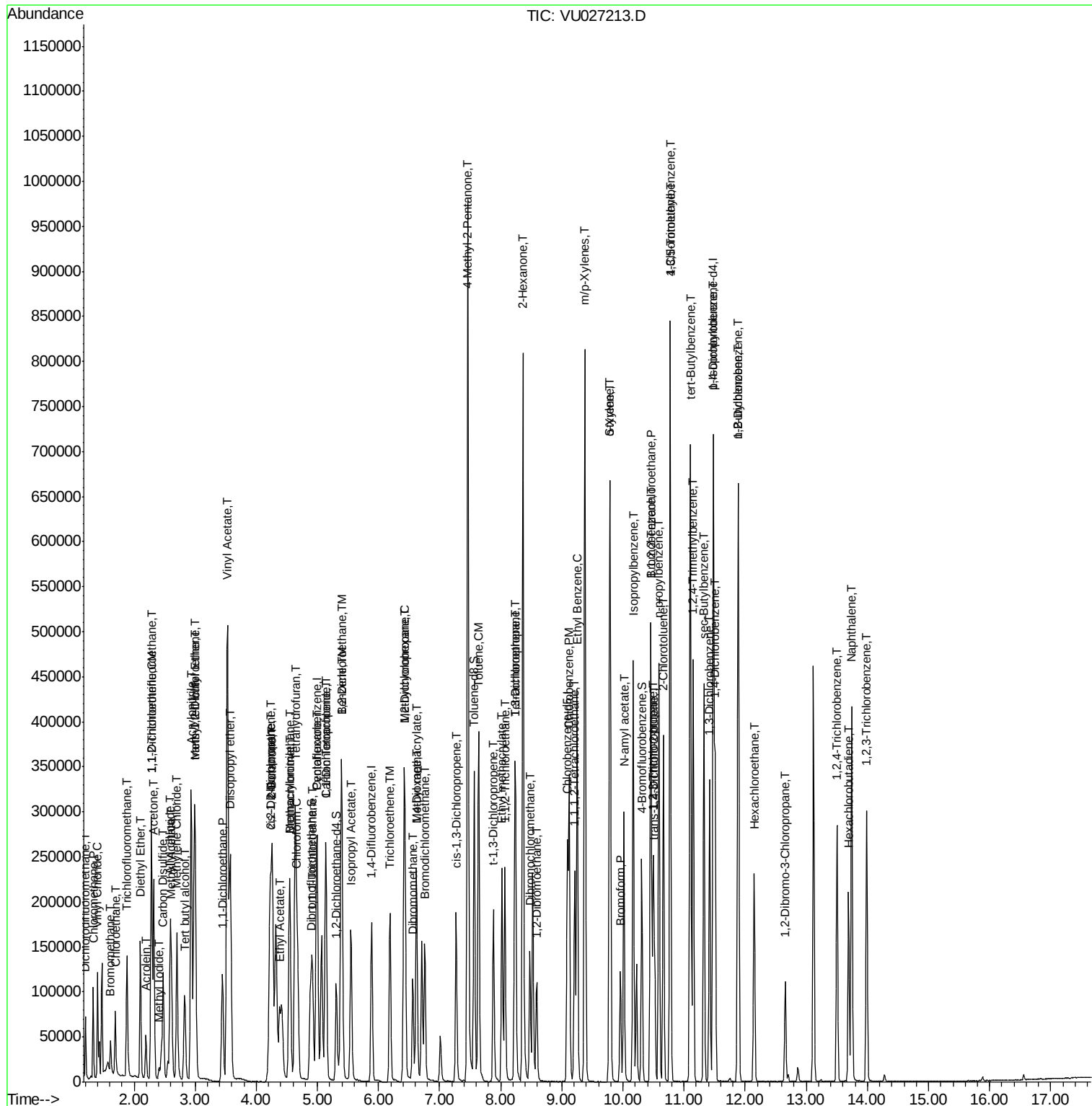
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Data File : VU027213.D
Acq On : 27 Sep 2018 05:50
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:168 Resp: 78201

Ion Ratio Lower Upper

168 100

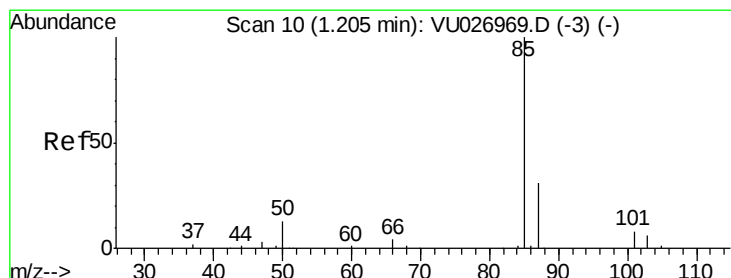
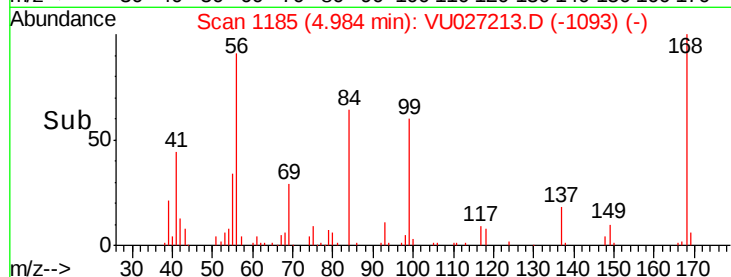
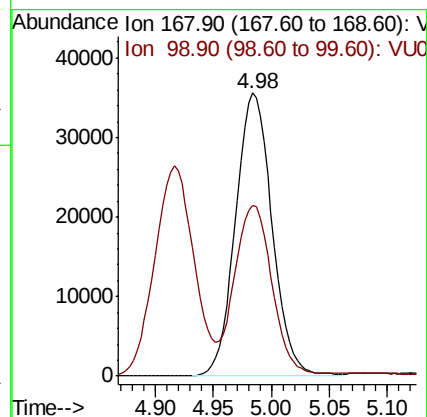
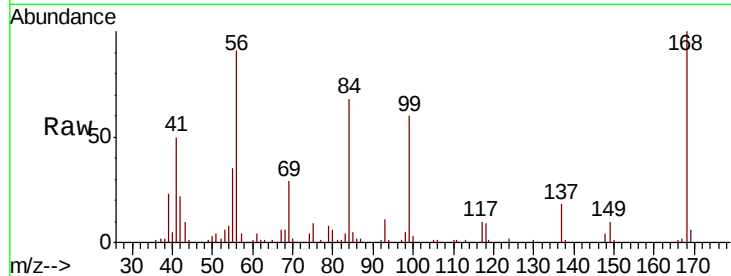
99 59.3 48.1 72.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 40.650 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027213.D

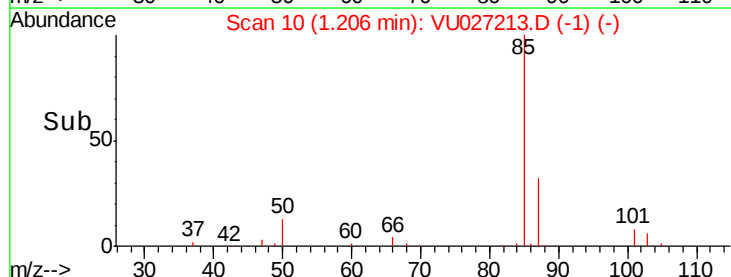
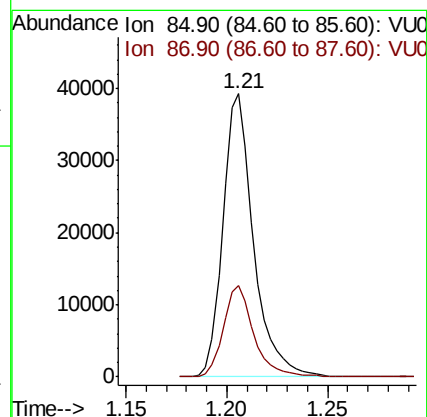
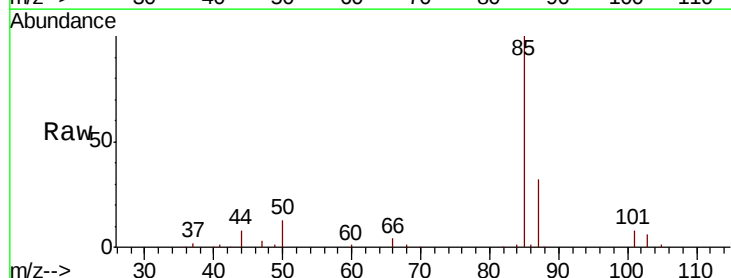
Acq: 27 Sep 2018 05:50

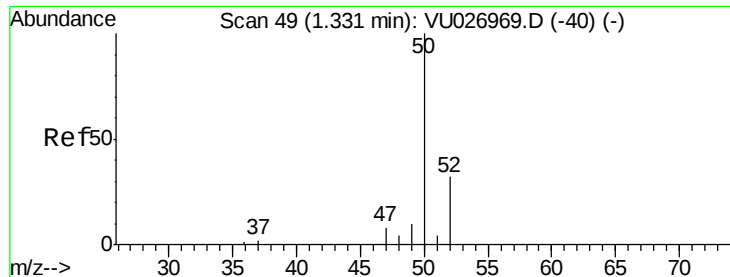
Tgt Ion: 85 Resp: 41504

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.7





#3

Chloromethane

Concen: 39.403 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 50 Resp: 69363

Ion Ratio Lower Upper

50 100

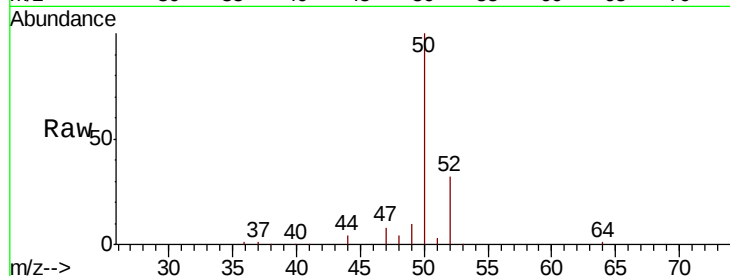
52 32.1 25.9 38.9

Manual Integrations

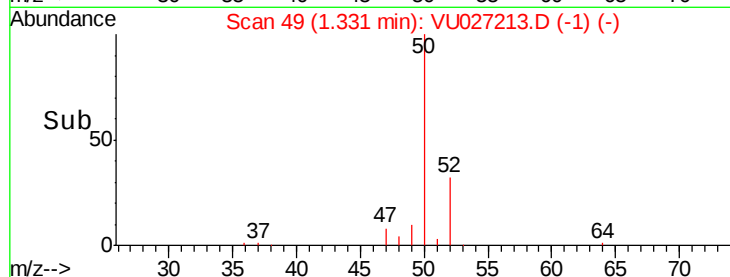
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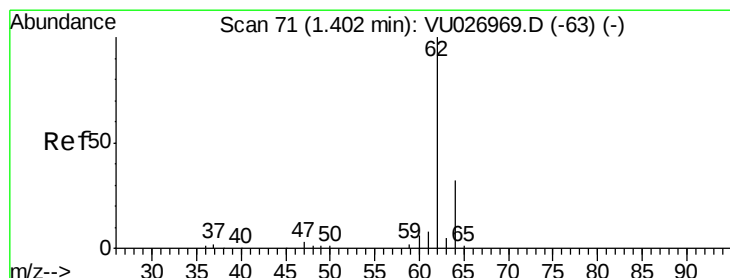
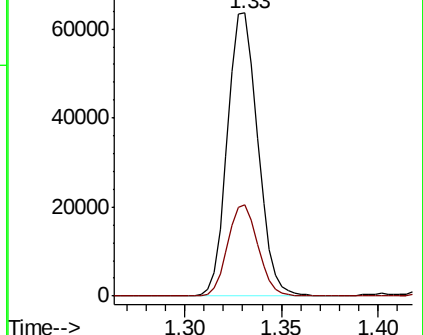
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Abundance Ion 49.90 (49.60 to 50.60): VU027213.D (-1) (-)



Ion 51.90 (51.60 to 52.60): VU027213.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.963 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027213.D

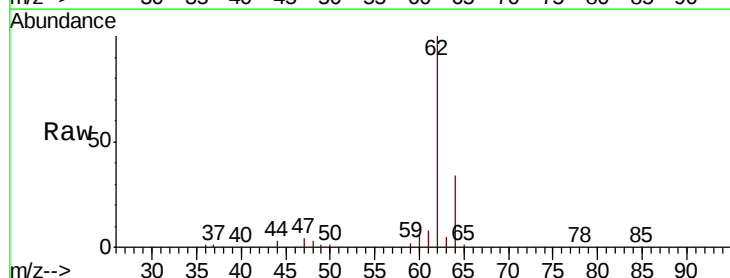
Acq: 27 Sep 2018 05:50

Tgt Ion: 62 Resp: 72240

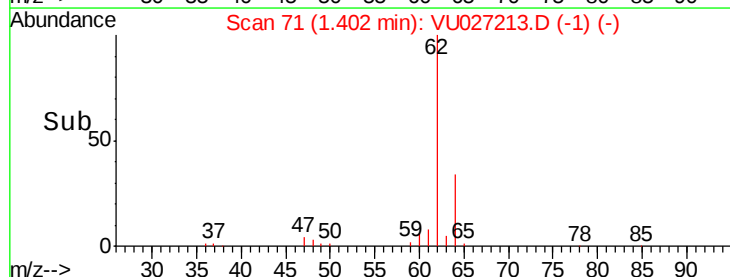
Ion Ratio Lower Upper

62 100

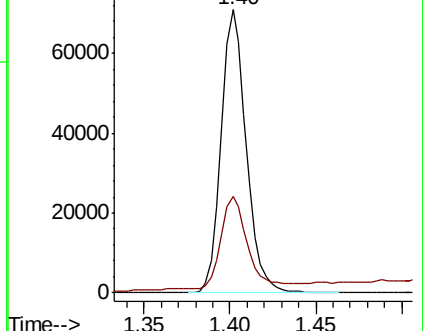
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU027213.D (-1) (-)



Ion 63.90 (63.60 to 64.60): VU027213.D (-1) (-)





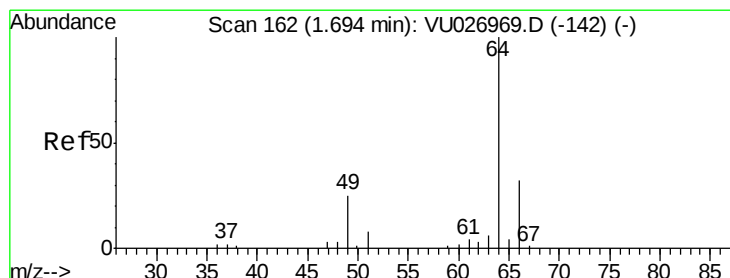
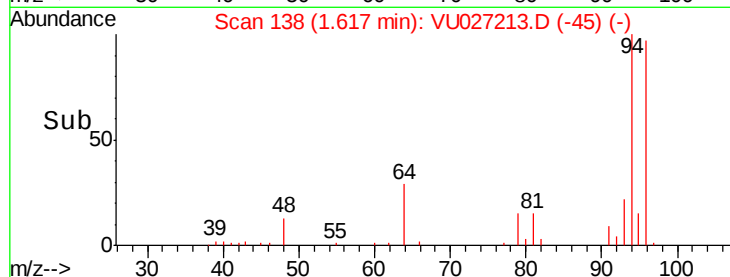
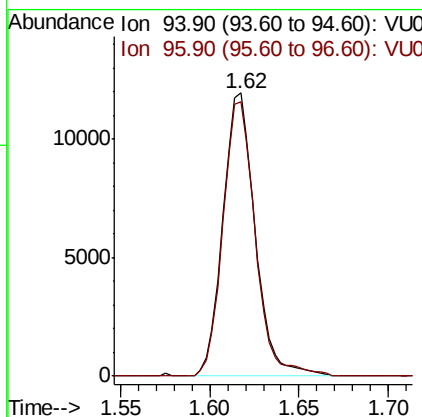
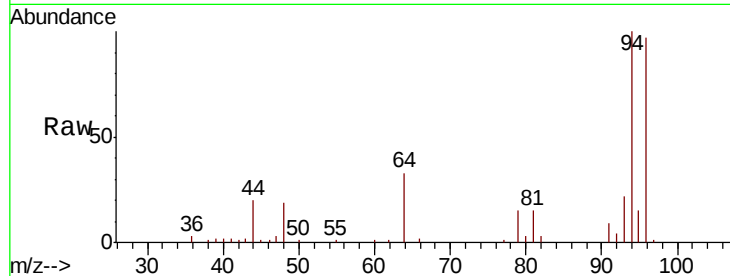
#5
Bromomethane
Concen: 16.022 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

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MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 94 Resp: 14992
Ion Ratio Lower Upper
94 100
96 96.9 73.2 109.8

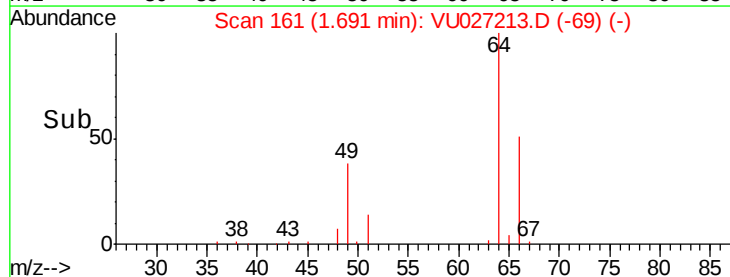
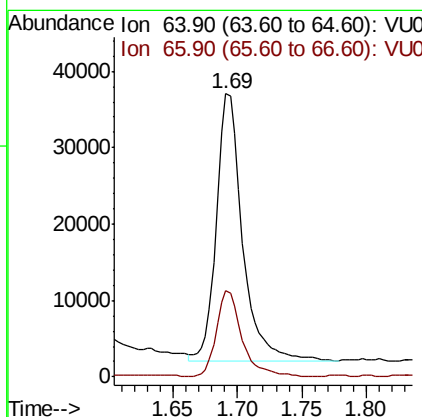
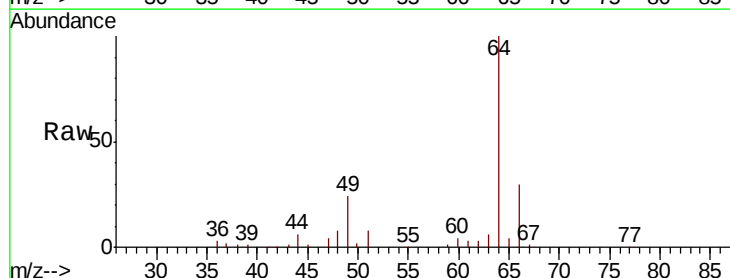
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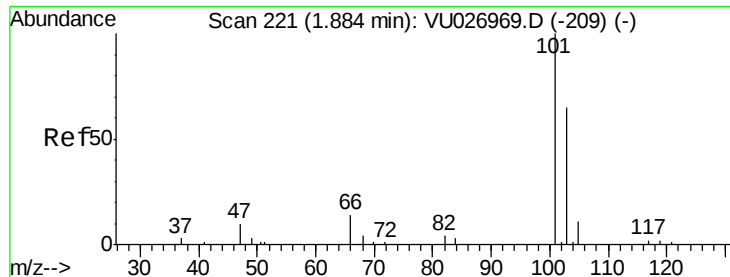
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#6
Chloroethane
Concen: 47.041 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 64 Resp: 49389
Ion Ratio Lower Upper
64 100
66 31.8 25.3 37.9





#7

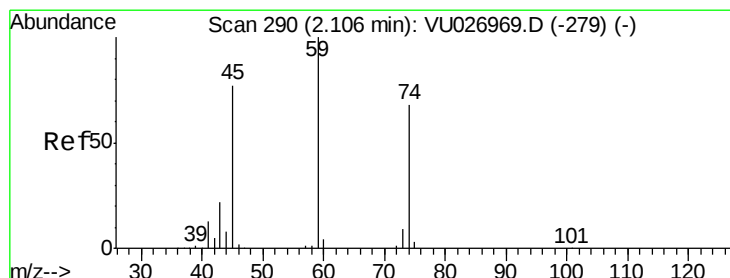
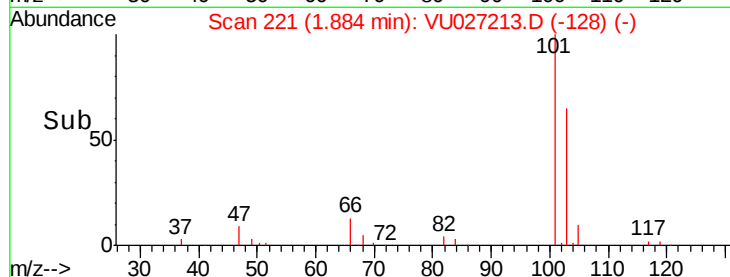
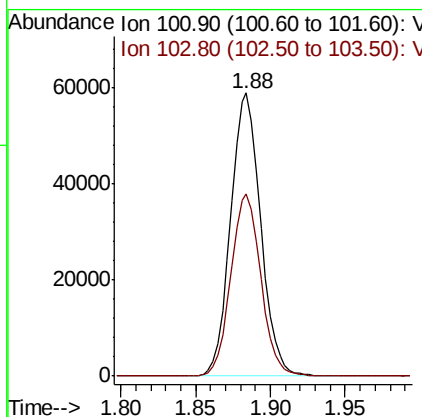
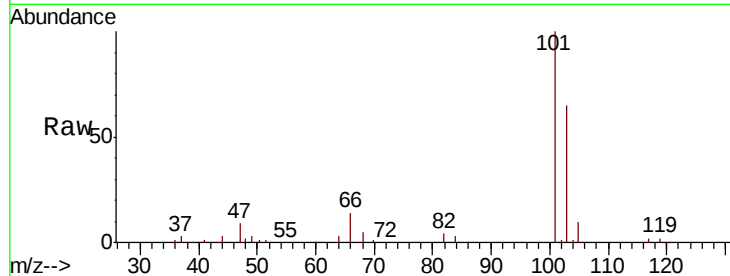
Trichlorofluoromethane
 Concen: 44.280 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:101 Resp: 82639
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

Manual Integrations
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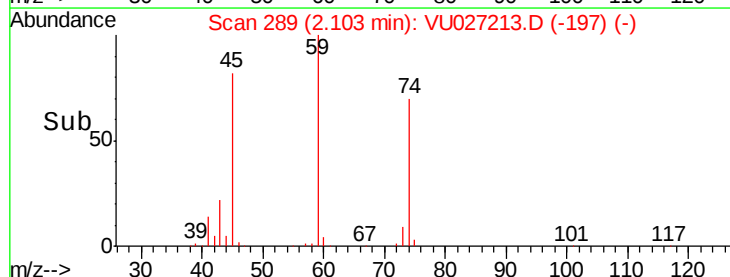
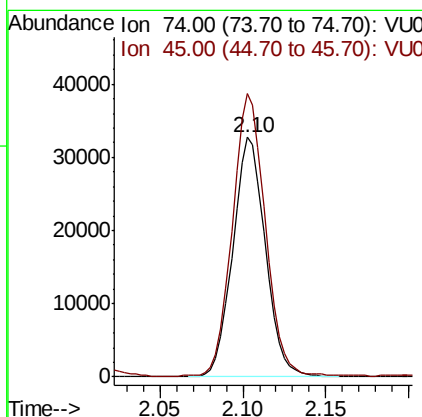
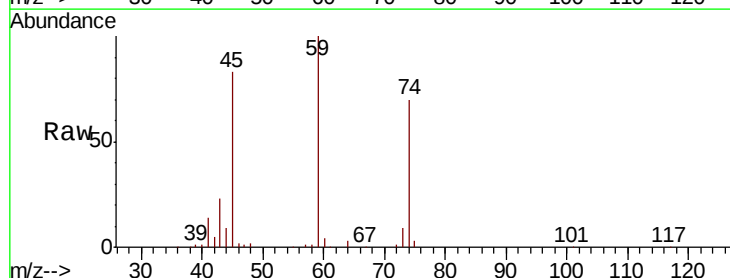
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#8

Diethyl Ether
 Concen: 49.712 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 74 Resp: 44656
 Ion Ratio Lower Upper
 74 100
 45 118.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.982 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

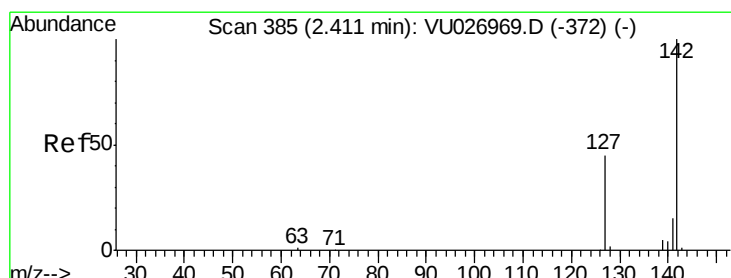
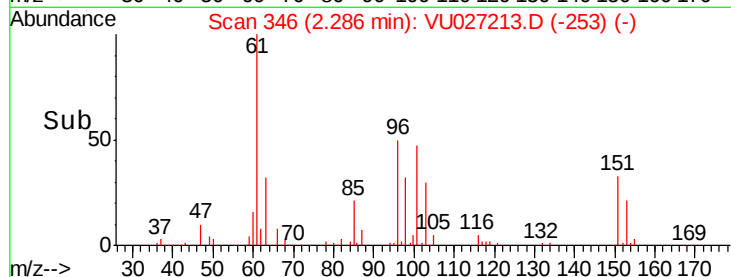
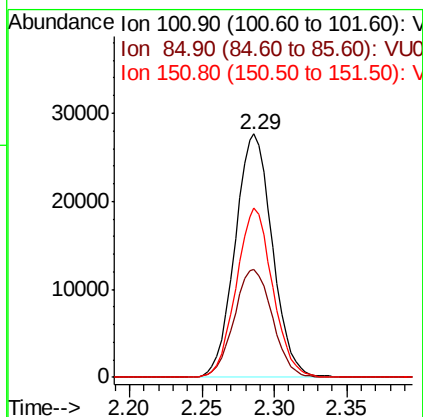
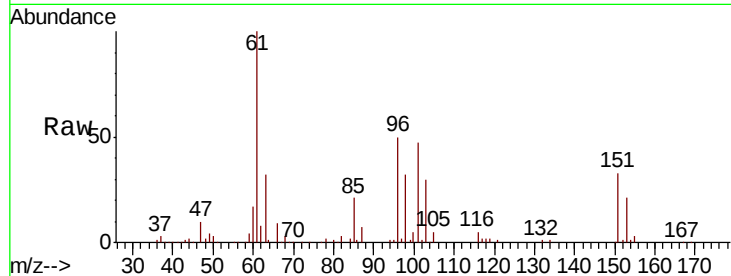
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	101	Resp:	49323
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.2	54.2
151	67.8	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 9.340 ug/l

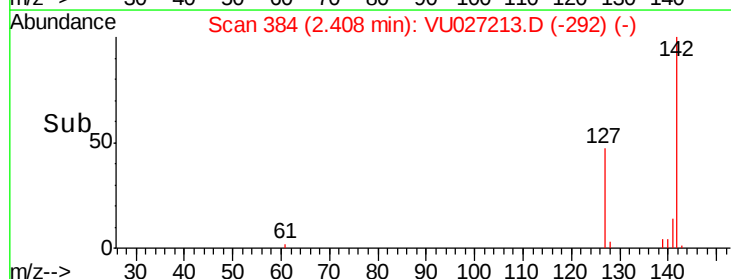
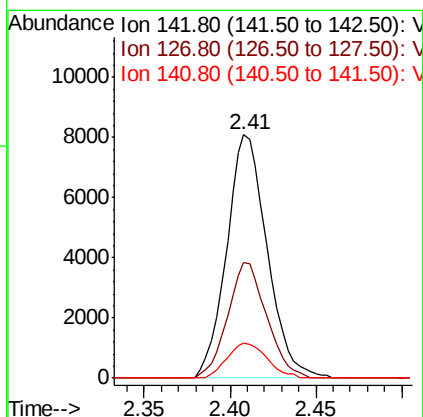
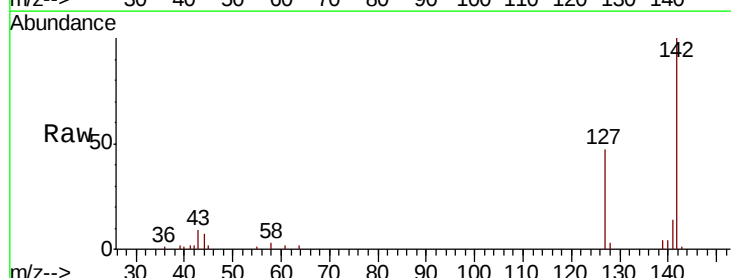
RT: 2.41 min Scan# 384

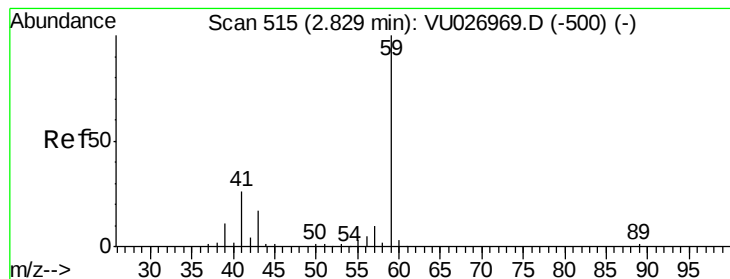
Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	142	Resp:	13293
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.7	55.1
141	14.0	11.8	17.6





#11

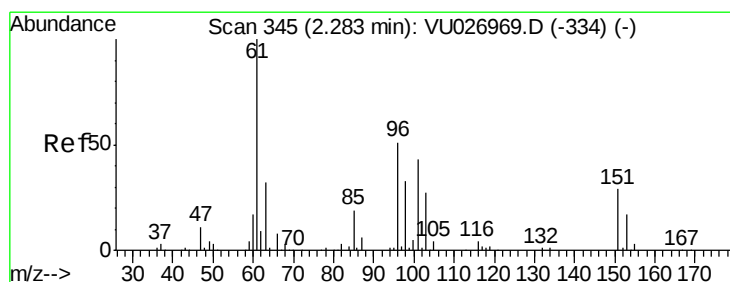
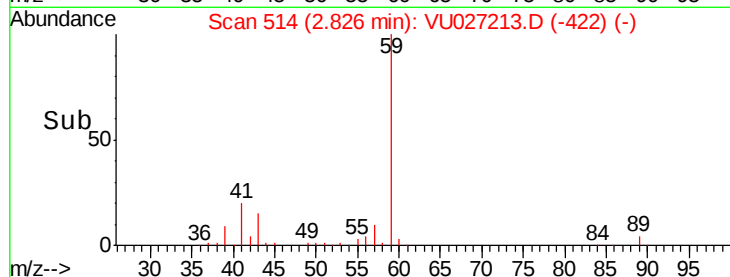
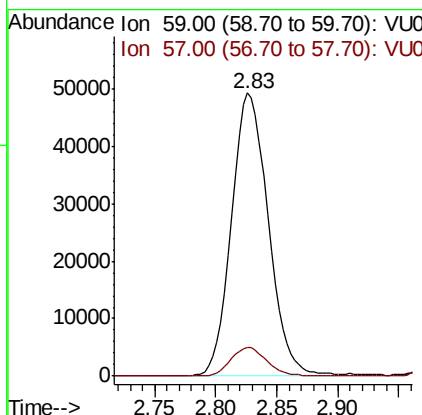
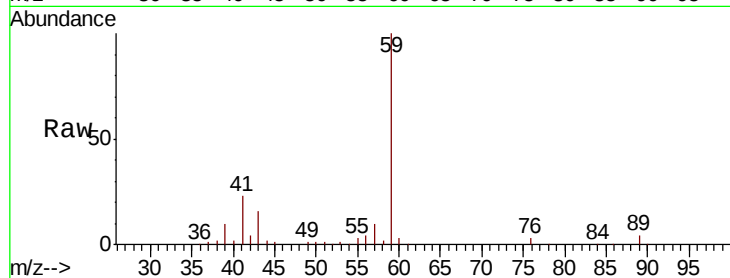
Tert butyl alcohol
 Concen: 286.497 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

Manual Integrations
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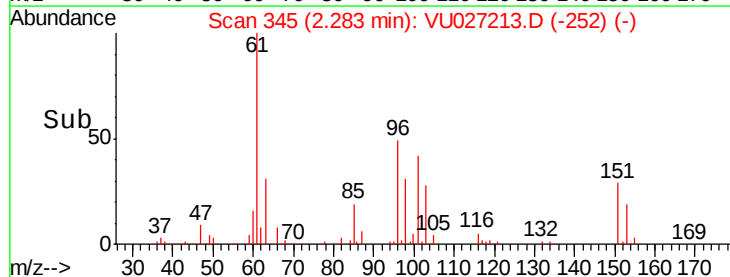
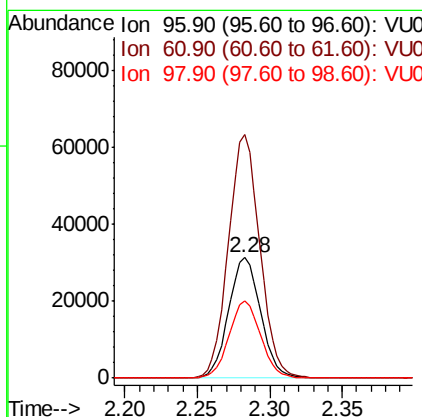
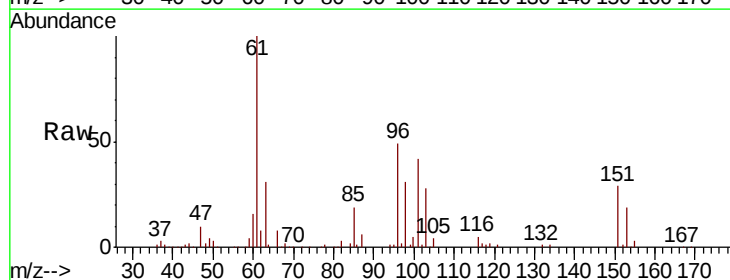
MMDadoda
 9/27/2018 3:33:26 PM

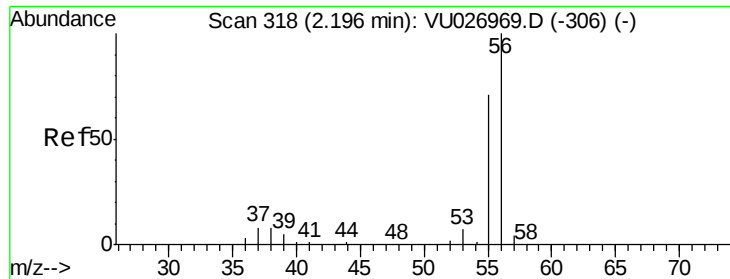


#12

1,1-Dichloroethene
 Concen: 44.469 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	202.1	156.1	234.1
98	63.7	51.4	77.0





#13

Acrolein

Concen: 174.993 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 56 Resp: 34031

Ion Ratio Lower Upper

56 100

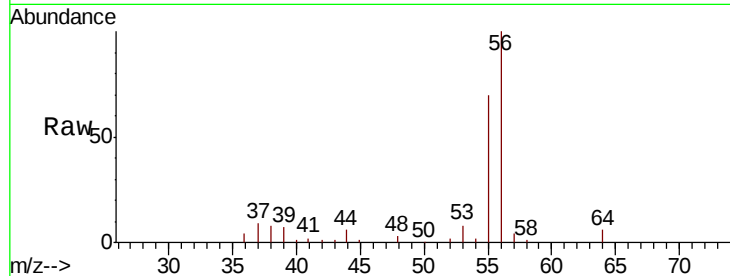
55 70.9 57.1 85.7

Manual Integrations

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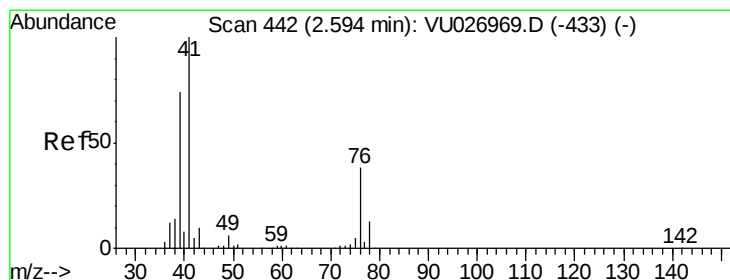
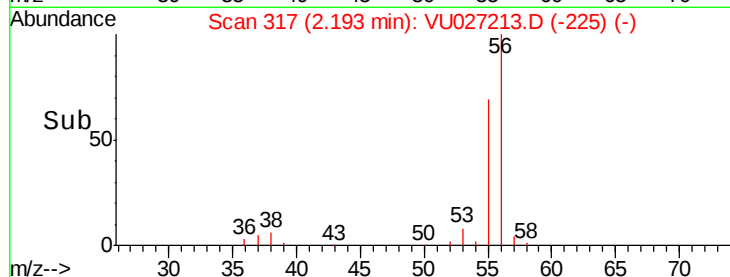
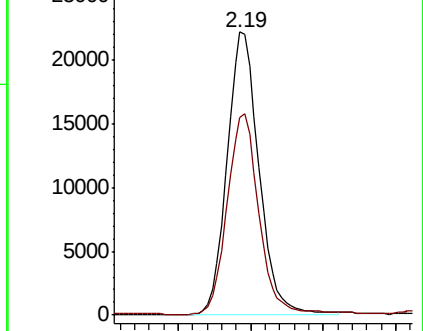
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 50.744 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

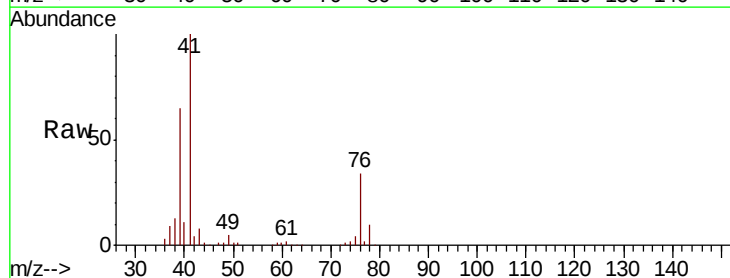
Tgt Ion: 41 Resp: 111161

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

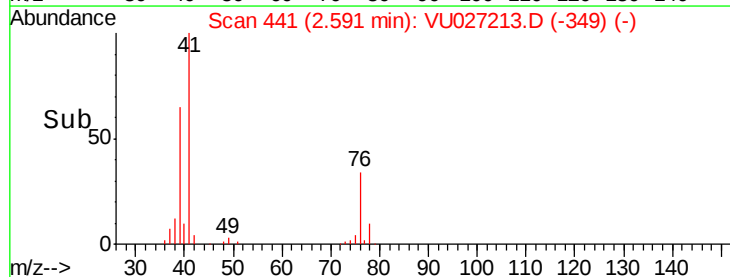
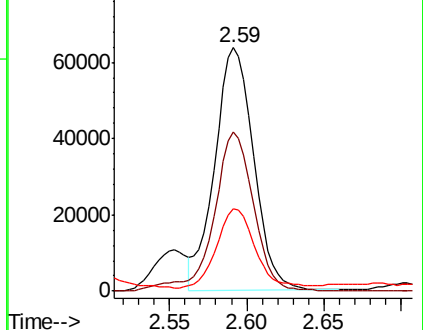
76 31.8 26.5 39.7

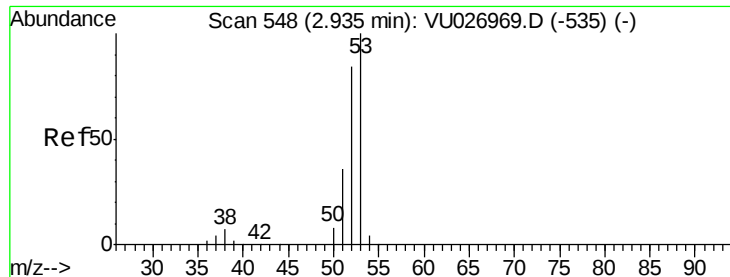


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 283.109 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

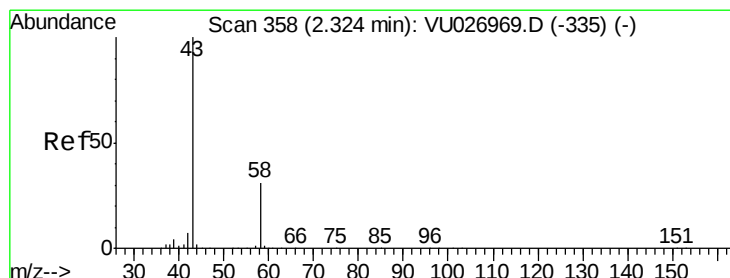
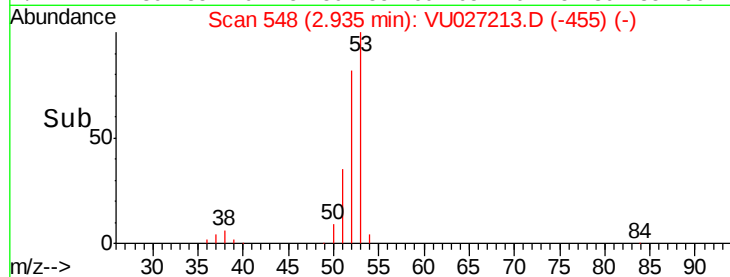
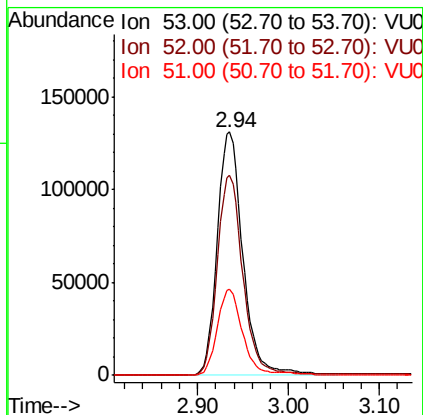
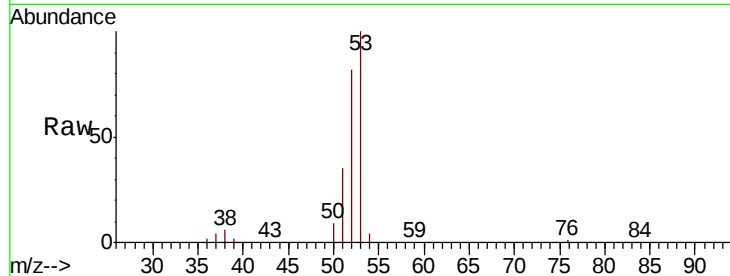
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	53	Resp:	257414
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	35.6	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 275.237 ug/l

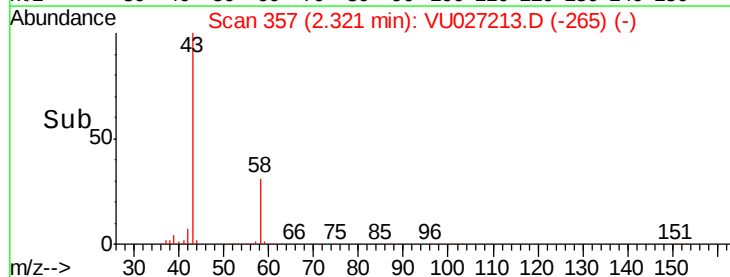
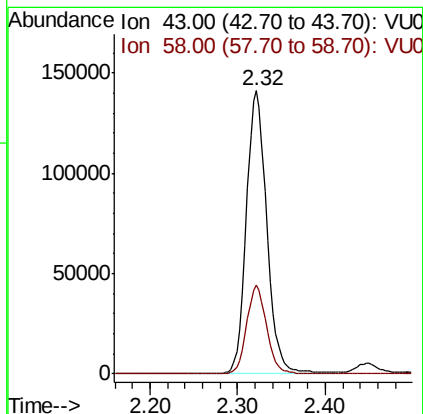
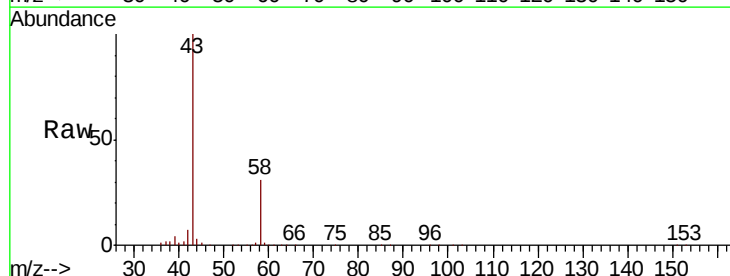
RT: 2.32 min Scan# 357

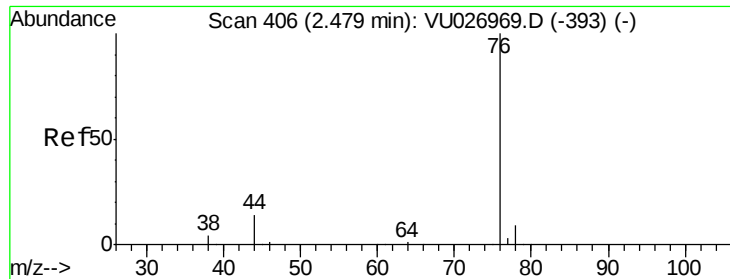
Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	43	Resp:	228713
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.6	36.8





#17

Carbon Disulfide

Concen: 42.003 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 76 Resp: 147788

Ion Ratio Lower Upper

76 100

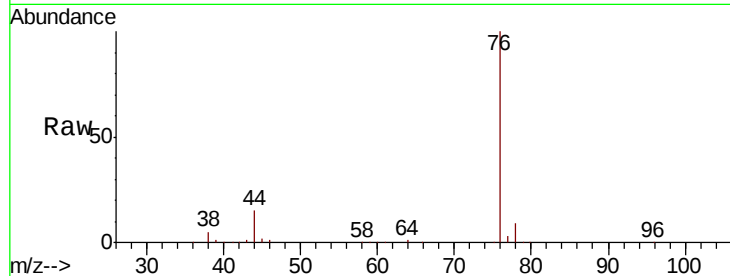
78 8.9 7.1 10.7

Manual Integrations

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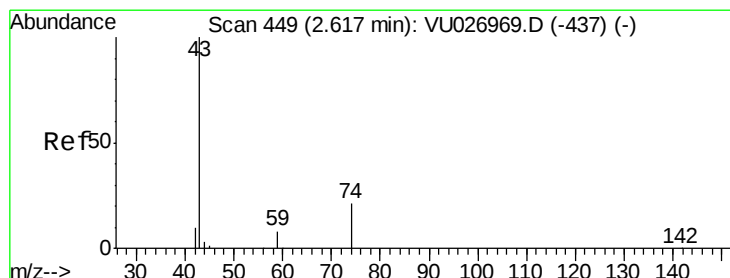
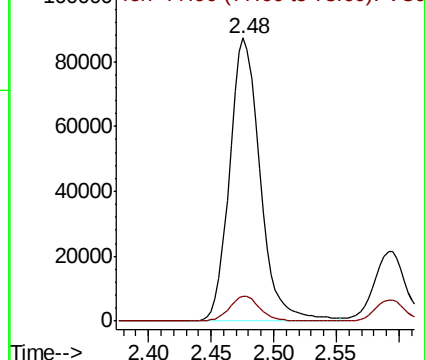
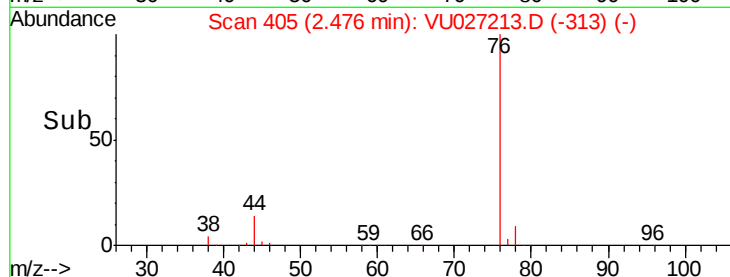
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Abundance Ion 75.90 (75.60 to 76.60): VU027213.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027213.D (-313) (-)



#18

Methyl Acetate

Concen: 52.022 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027213.D

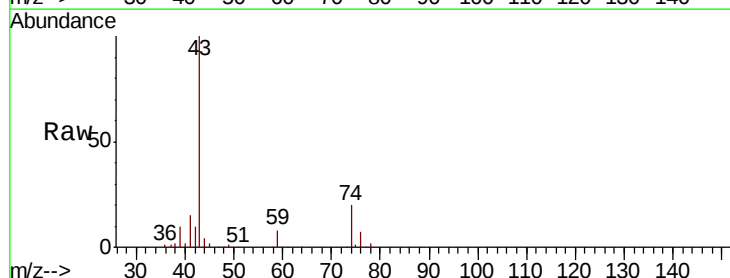
Acq: 27 Sep 2018 05:50

Tgt Ion: 43 Resp: 116540

Ion Ratio Lower Upper

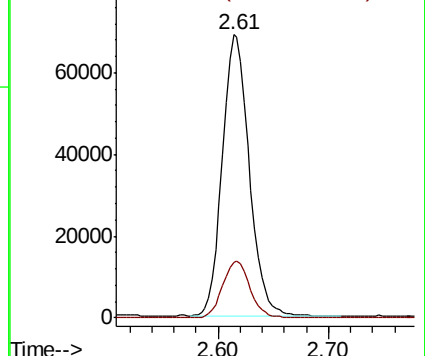
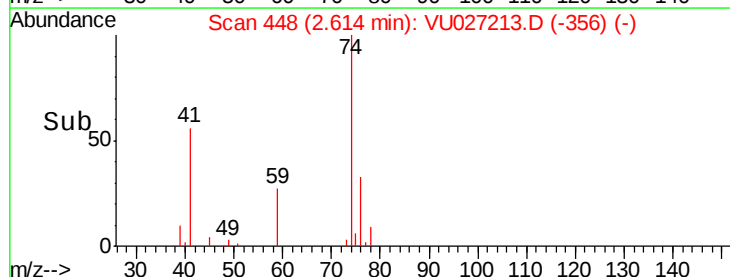
43 100

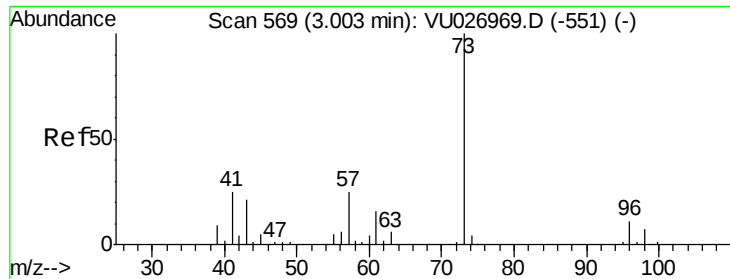
74 20.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027213.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027213.D (-356) (-)





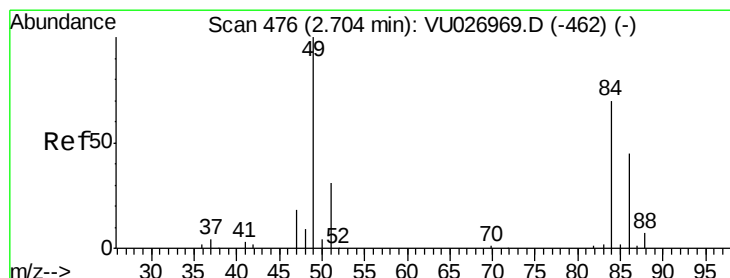
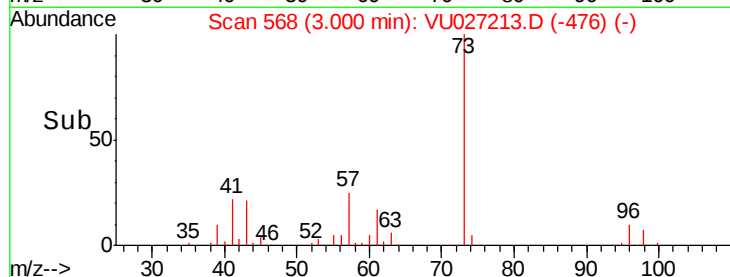
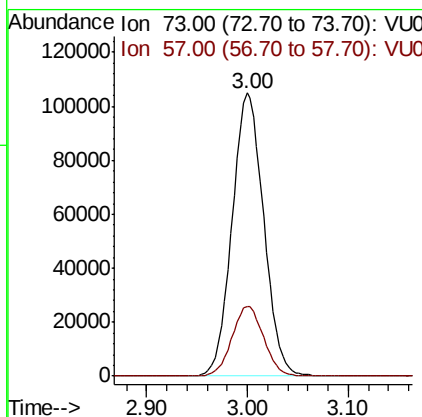
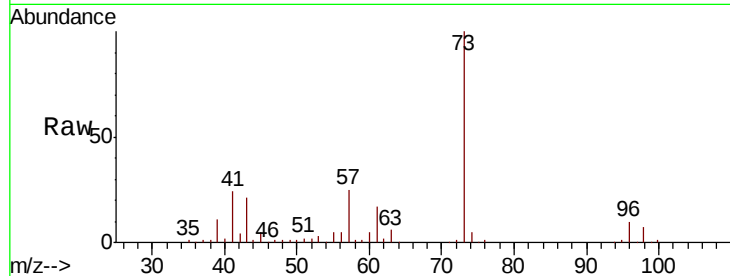
#19
Methvl tert-butvl Ether
Concen: 57.440 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 73 Resp: 227981
Ion Ratio Lower Upper
73 100
57 24.8 19.8 29.6

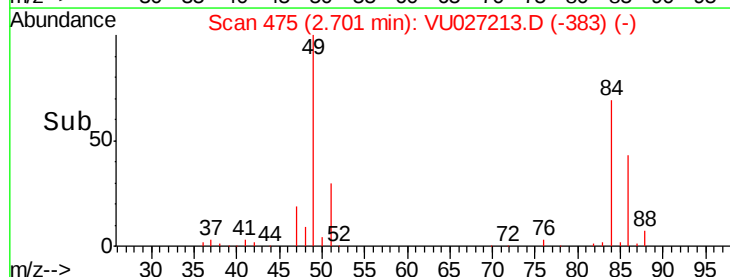
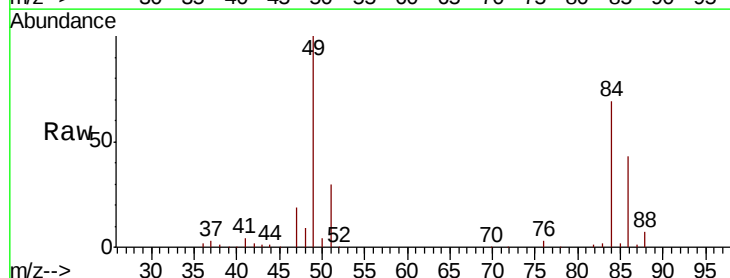
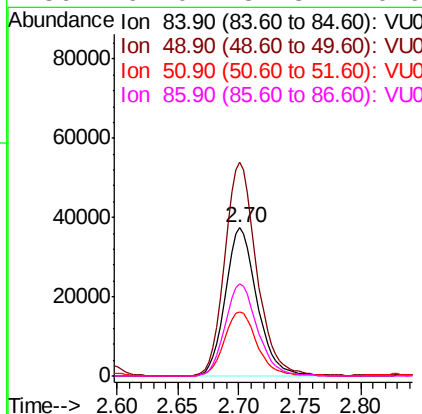
Manual Integrations
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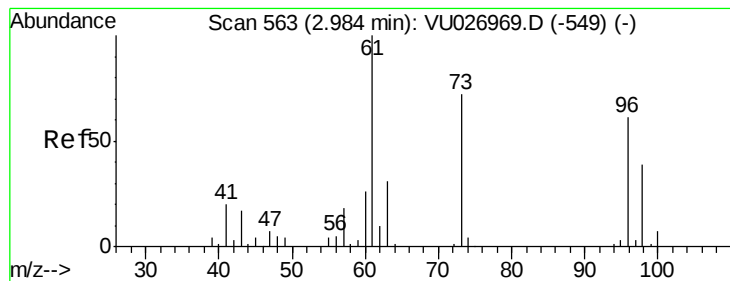
MMDadoda
9/27/2018 3:33:26 PM



#20
Methylene Chloride
Concen: 48.345 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 84 Resp: 68146
Ion Ratio Lower Upper
84 100
49 144.4 114.9 172.3
51 43.7 35.8 53.8
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.337 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 96 Resp: 55740

Ion Ratio Lower Upper

96 100

61 160.7 131.8 197.6

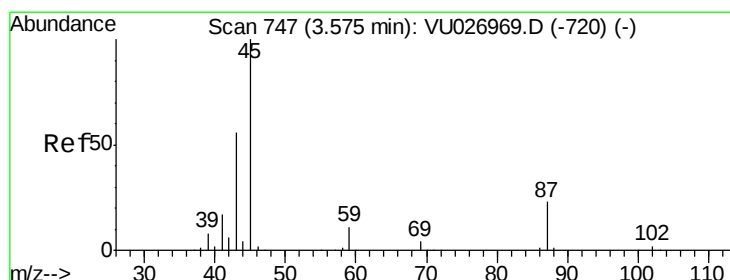
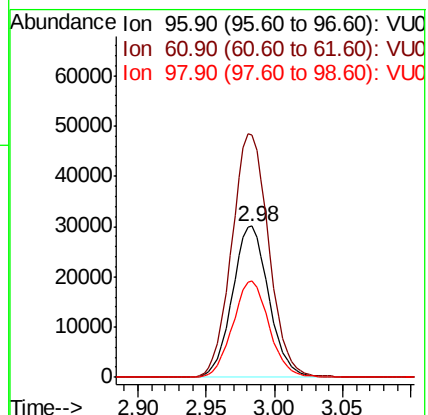
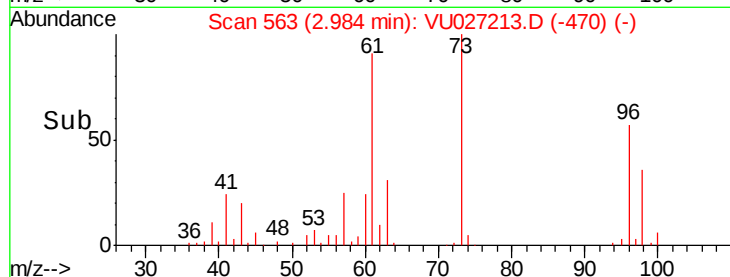
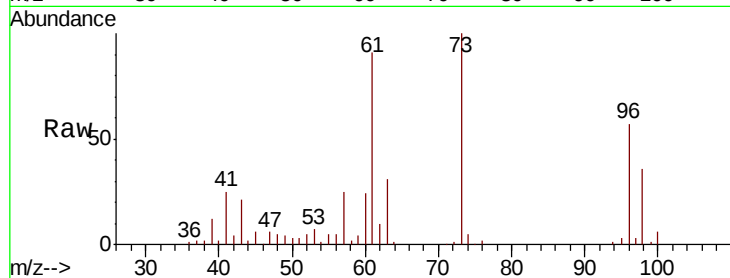
98 63.6 50.9 76.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 57.640 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion: 45 Resp: 270077

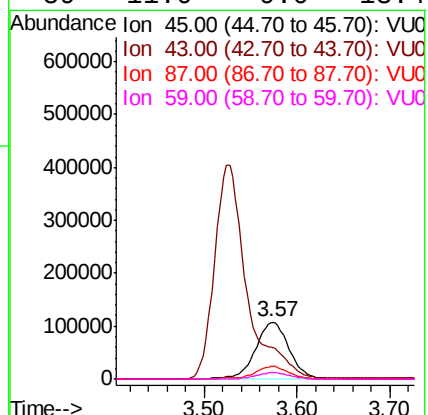
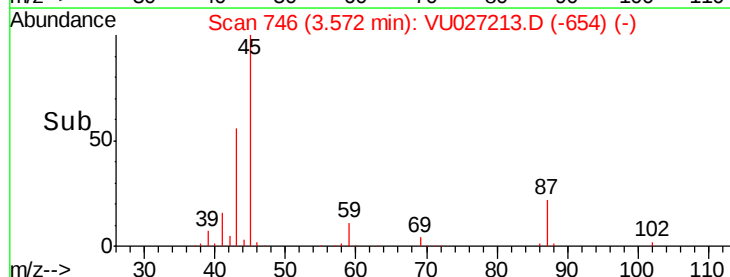
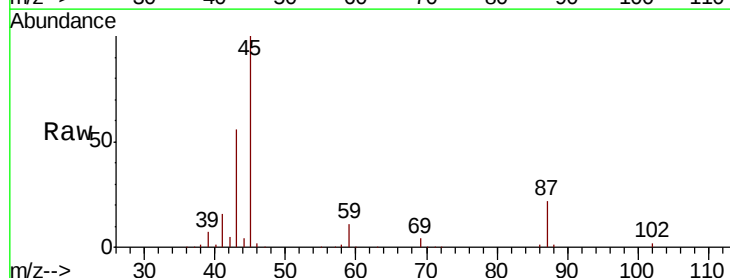
Ion Ratio Lower Upper

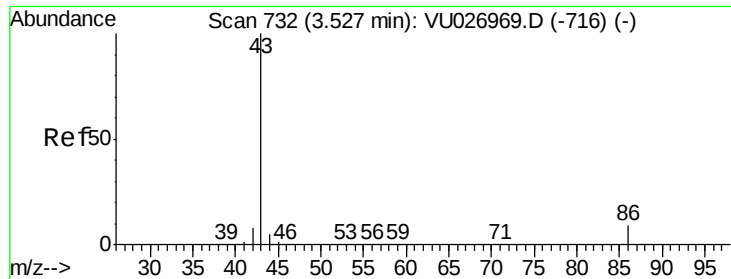
45 100

43 53.9 45.8 68.6

87 22.2 18.6 28.0

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 246.713 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 985395

Ion Ratio Lower Upper

43 100

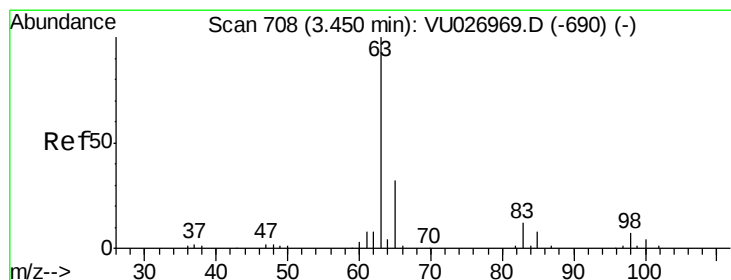
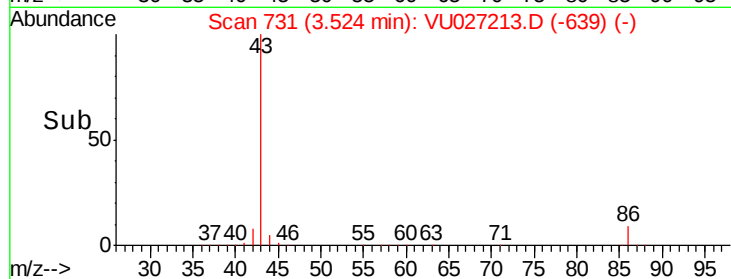
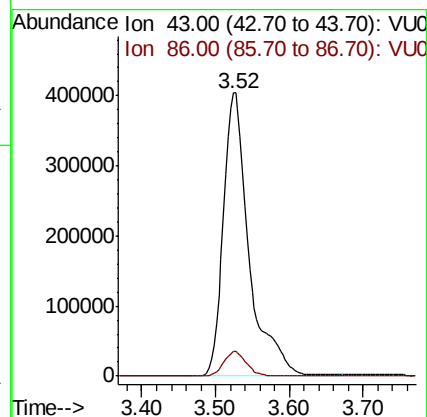
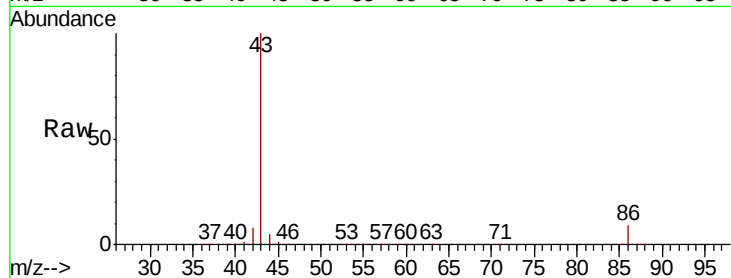
86 8.6 7.2 10.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 52.247 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

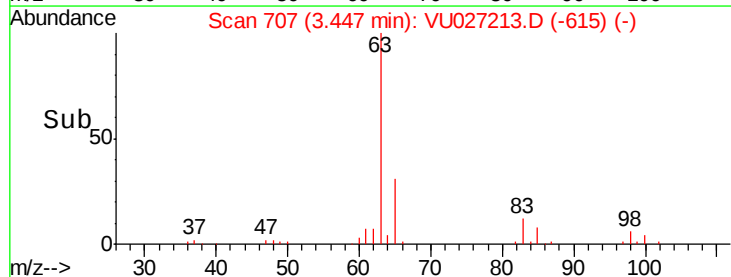
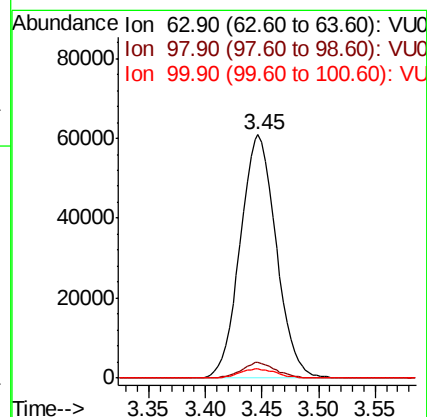
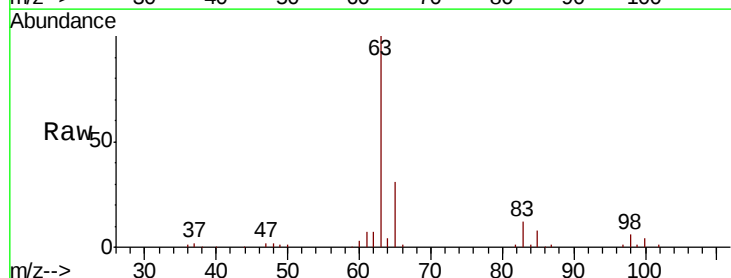
Tgt Ion: 63 Resp: 134830

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 273.921 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 362317

Ion Ratio Lower Upper

43 100

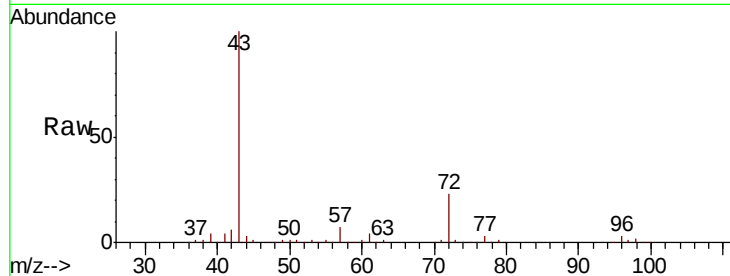
72 22.7 18.4 27.6

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

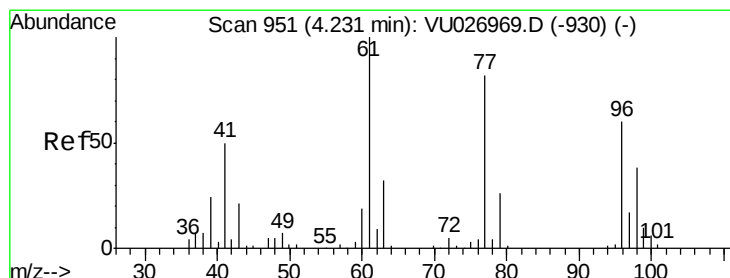
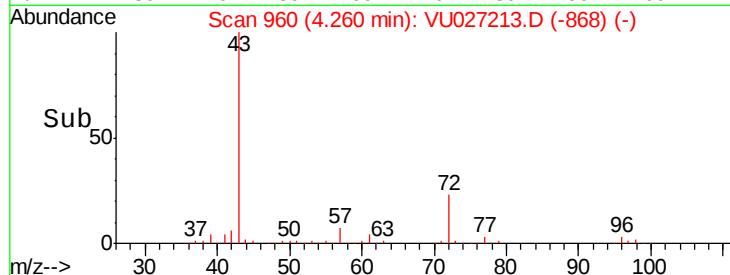
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 27.244 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027213.D

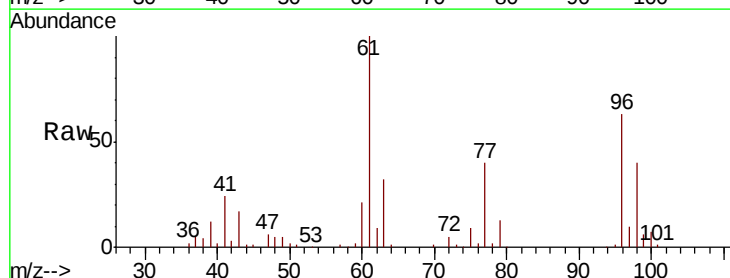
Acq: 27 Sep 2018 05:50

Tgt Ion: 77 Resp: 54831

Ion Ratio Lower Upper

77 100

97 23.5 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

20000

15000

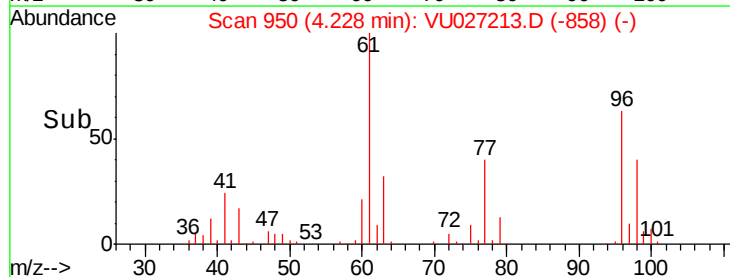
10000

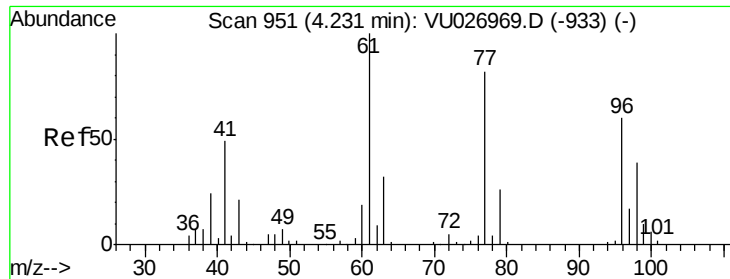
5000

0

4.10 4.20 4.30

Time-->





#27

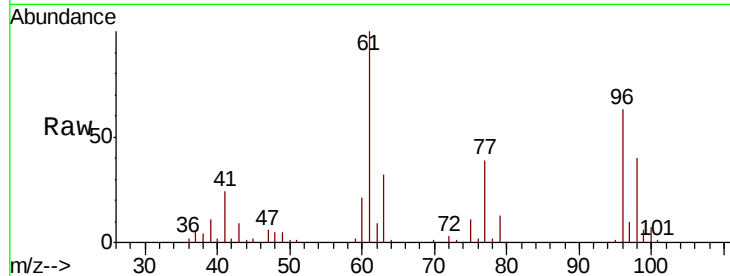
cis-1,2-Dichloroethene
 Concen: 57.833 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

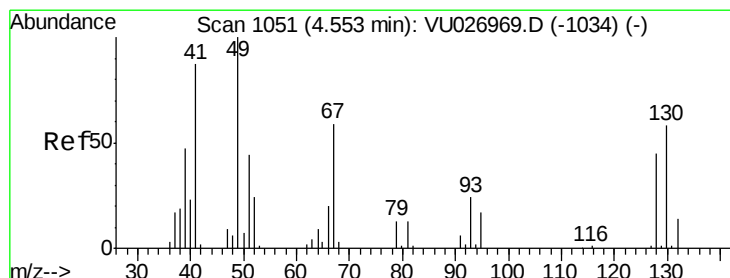
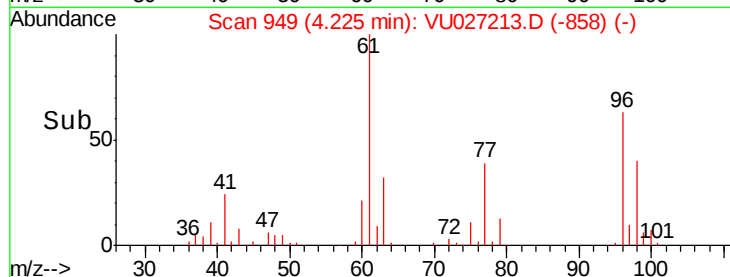
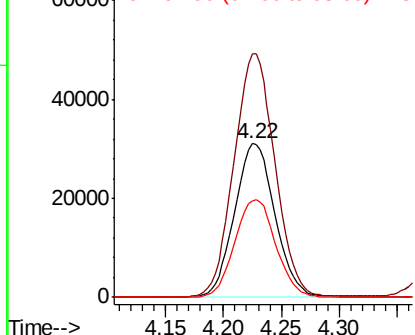
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	337.2
98	64.5	0.0	127.6

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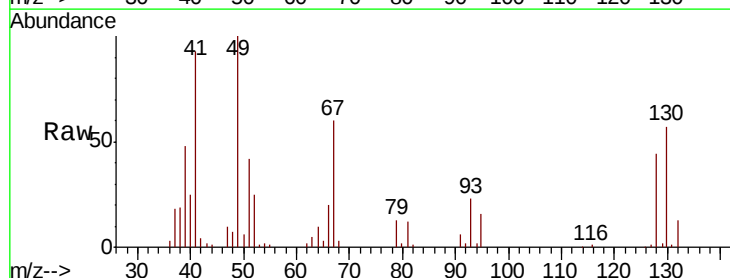
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



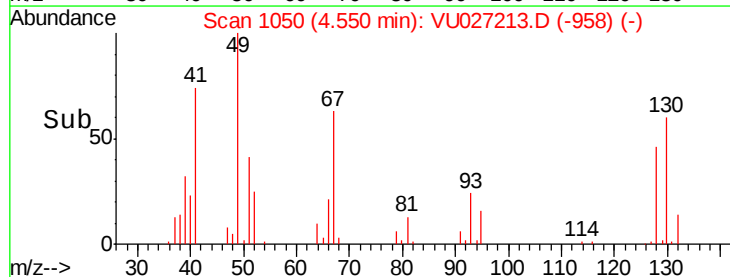
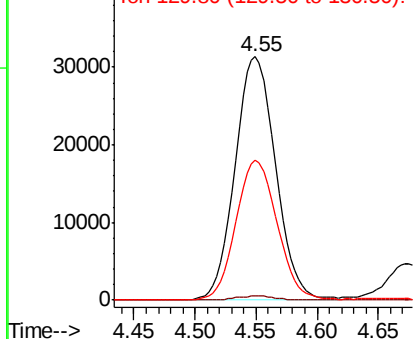
#28

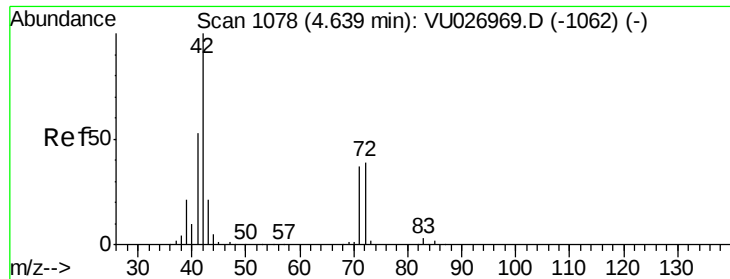
Bromochloromethane
 Concen: 58.137 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	58.2	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: 294.663 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

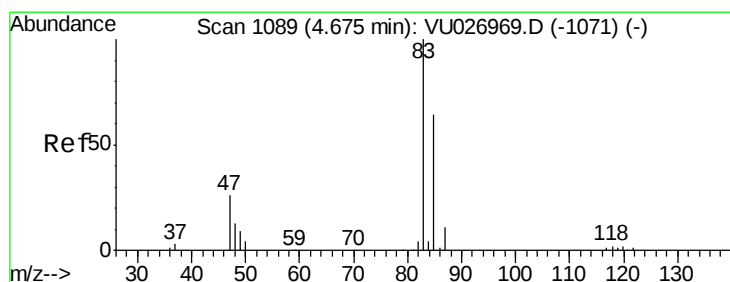
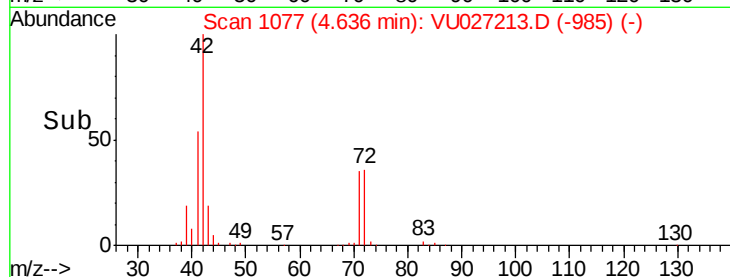
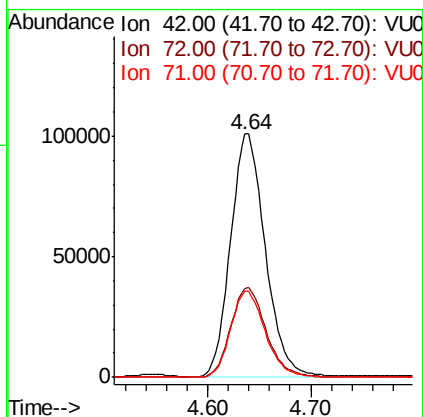
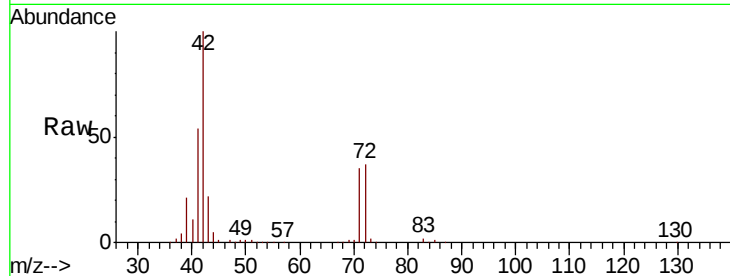
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	42	Resp:	235774
Ion	Ratio	Lower	Upper
42	100		
72	37.8	31.7	47.5
71	35.6	29.6	44.4

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#30

Chloroform

Concen: 51.364 ug/l

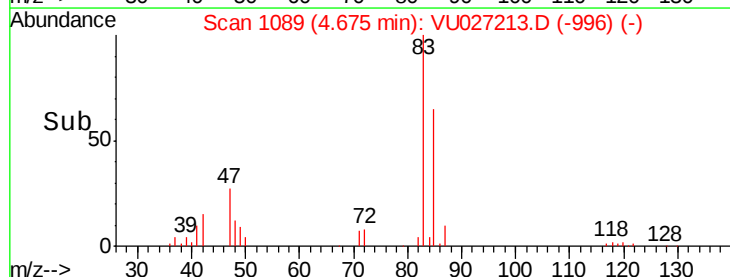
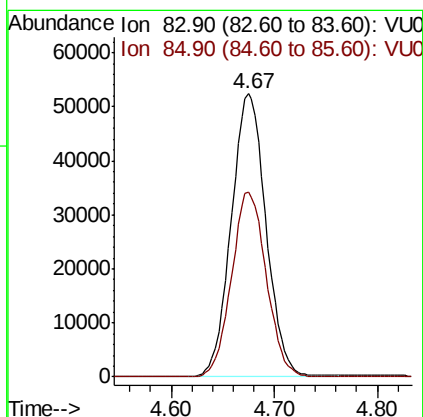
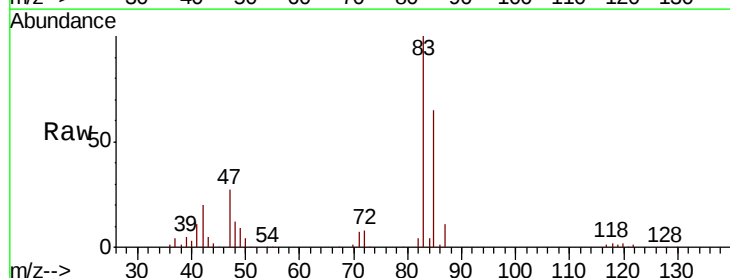
RT: 4.67 min Scan# 1089

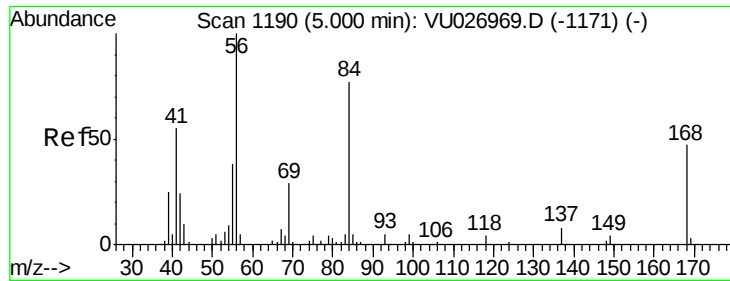
Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	83	Resp:	123039
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.5	77.3





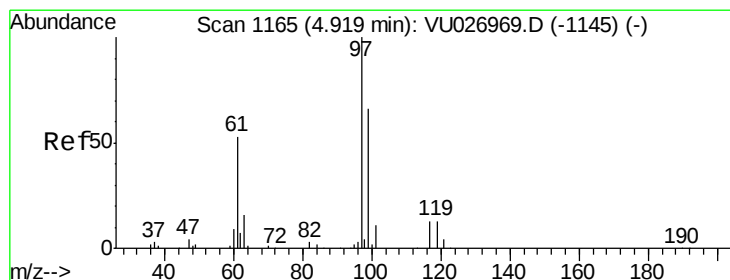
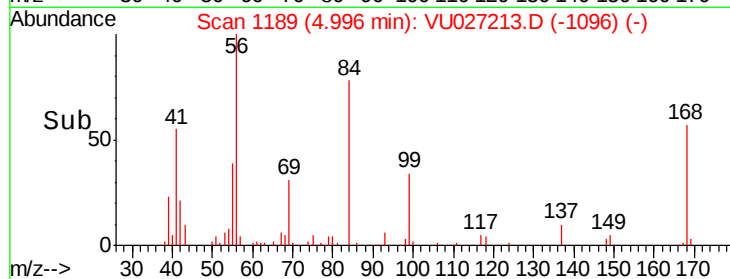
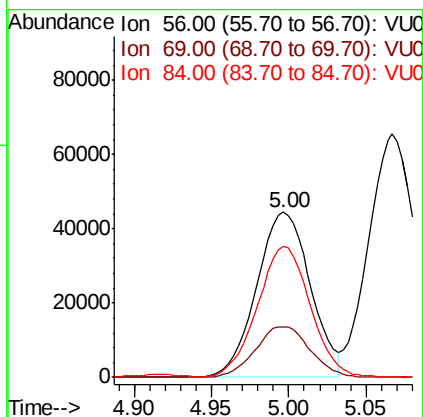
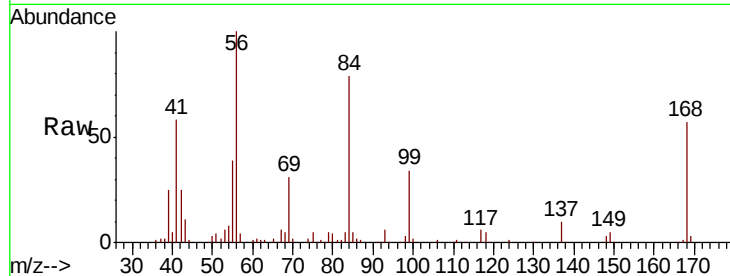
#31
Cyclohexane
Concen: 45.929 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.4
84	78.5	61.4	92.2

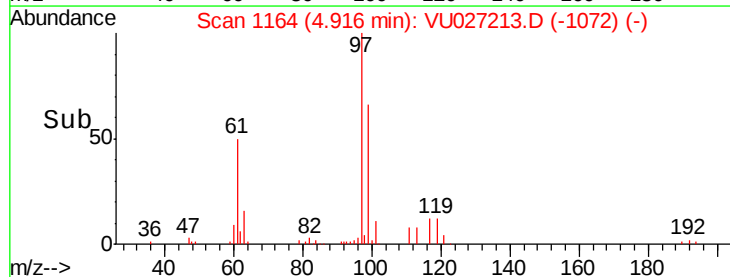
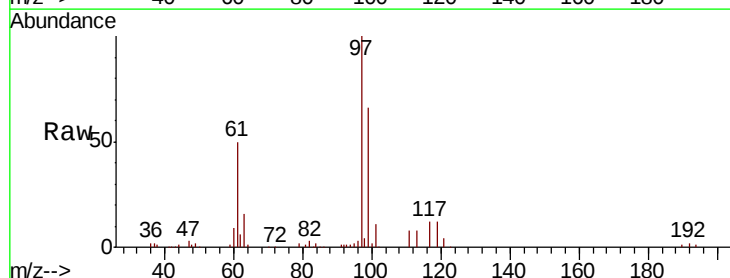
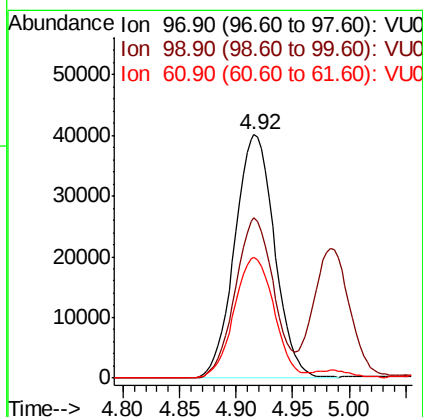
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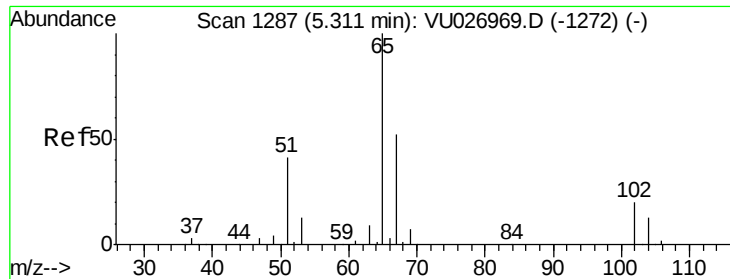
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#32
1,1,1-Trichloroethane
Concen: 51.379 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	50.0	41.1	61.7





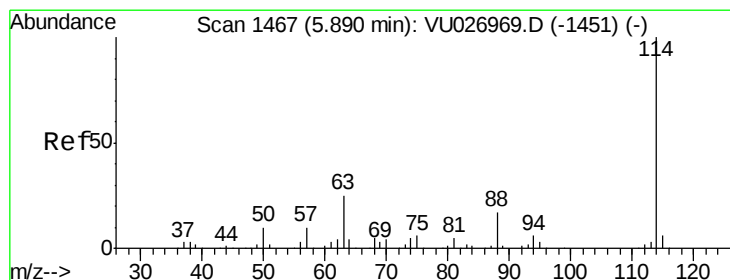
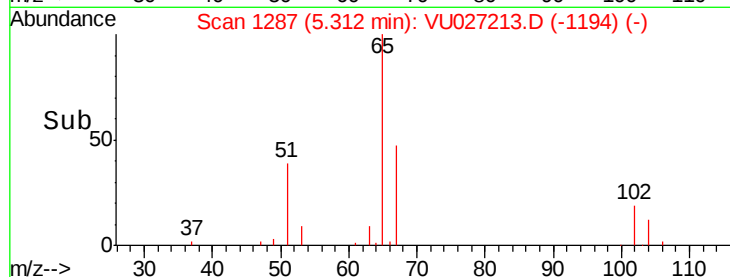
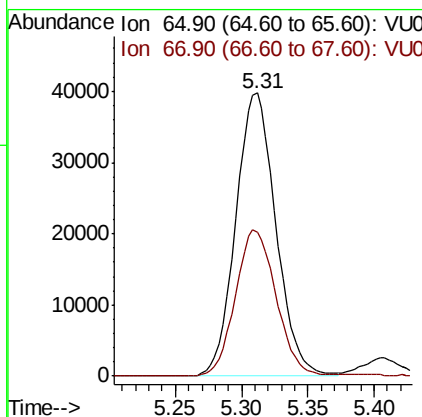
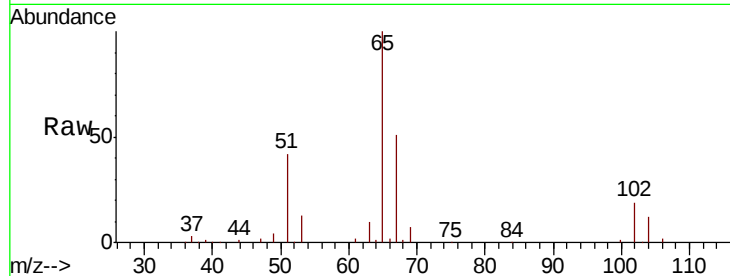
#33
 1,2-Dichloroethane-d4
 Concen: 53.067 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.6

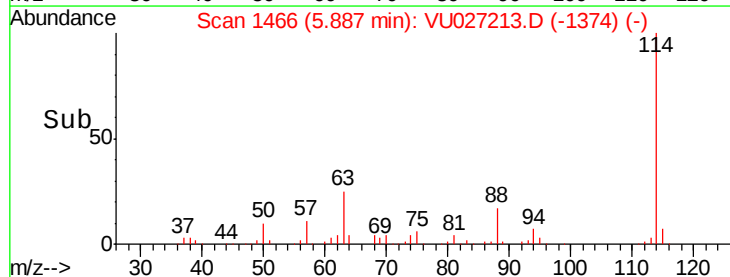
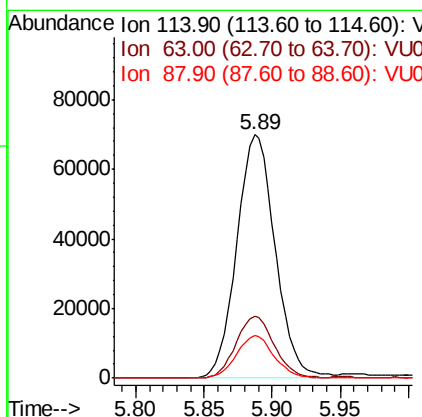
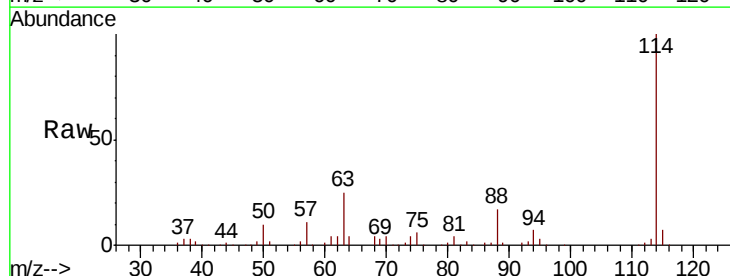
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	49.2
88	17.5	0.0	33.8





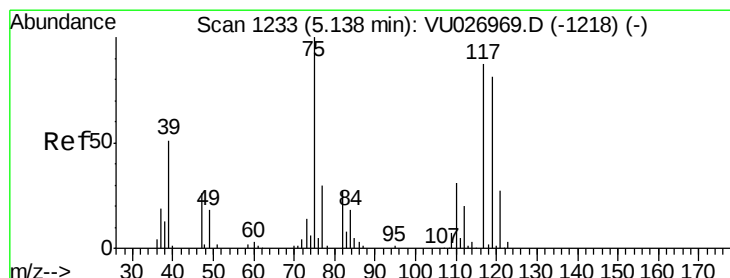
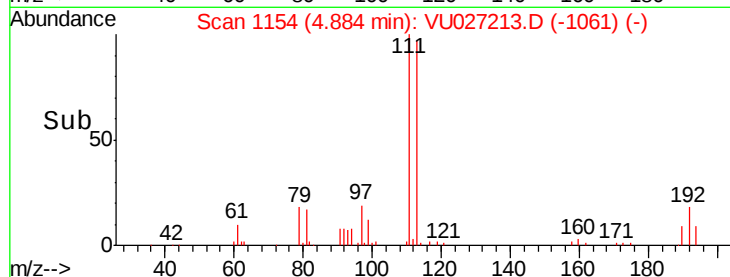
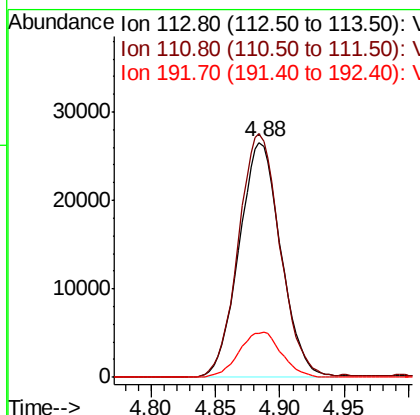
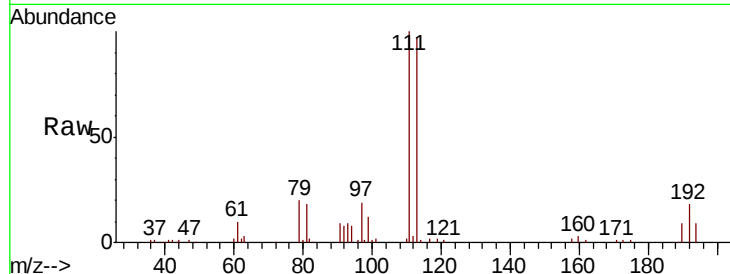
#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	19.3	15.2	22.8

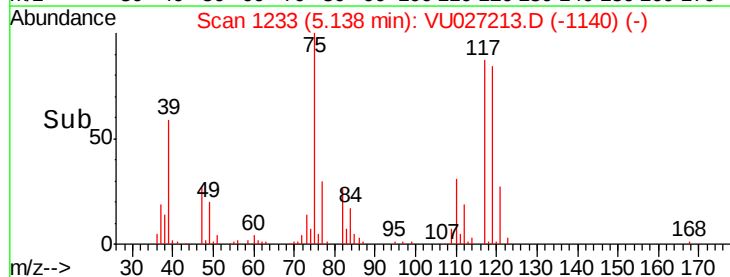
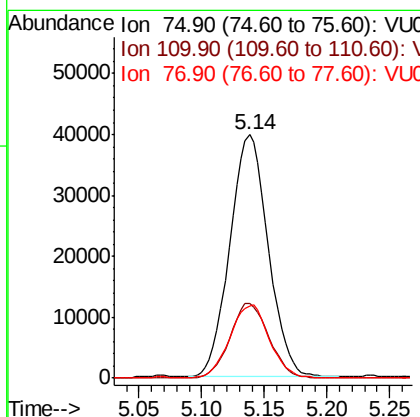
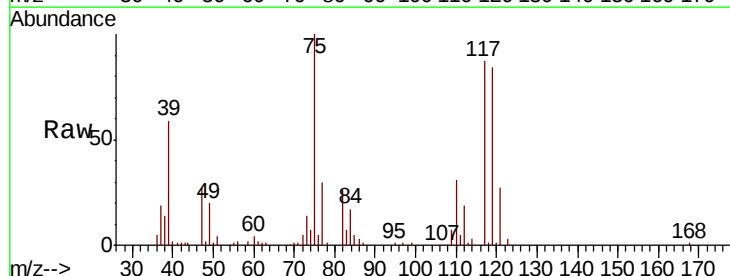
Manual Integrations
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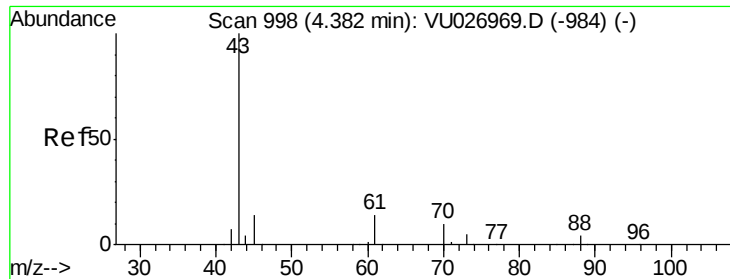
MMDadoda
 9/27/2018 3:33:26 PM



#36
 1,1-Dichloropropene
 Concen: 46.245 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.1	48.2
77	31.3	24.6	36.8





#37

Ethyl Acetate

Concen: 45.408 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

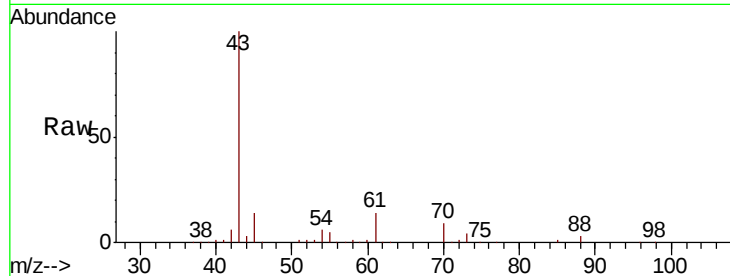
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	43	Resp:	112564
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.1	7.4	11.0

Manual Integrations
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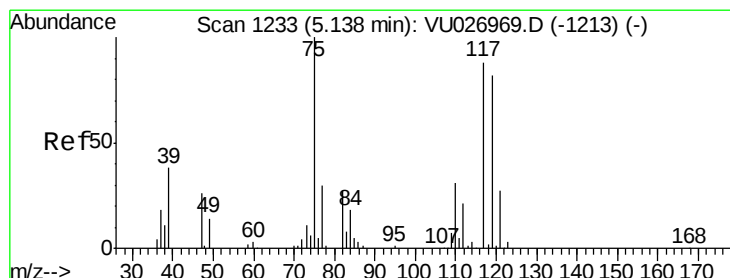
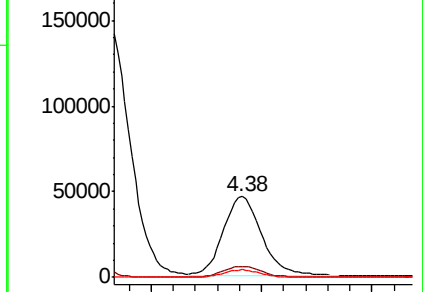
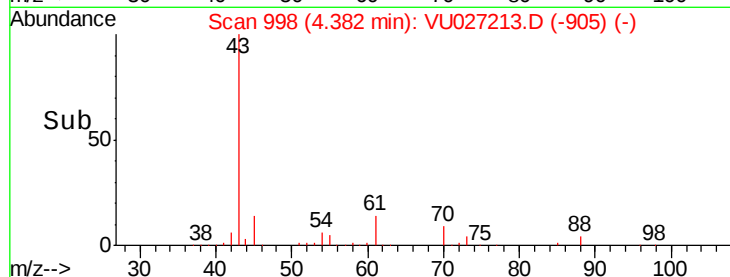


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

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

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

Time-->



#38

Carbon Tetrachloride

Concen: 46.106 ug/l

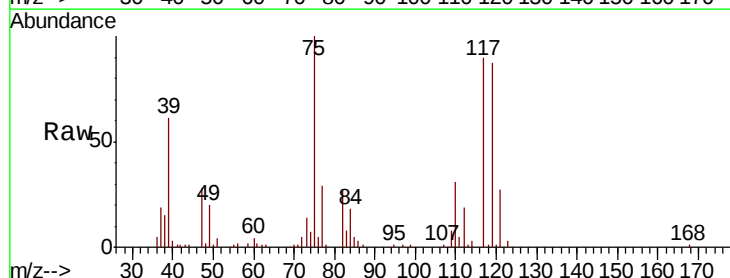
RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	117	Resp:	80345
Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.4	111.6
121	30.6	24.2	36.4

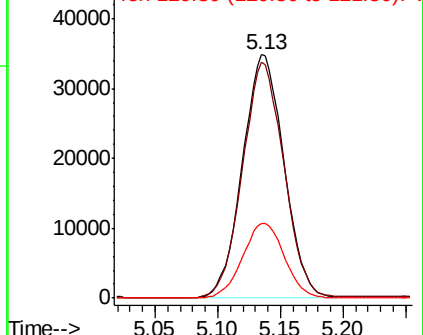
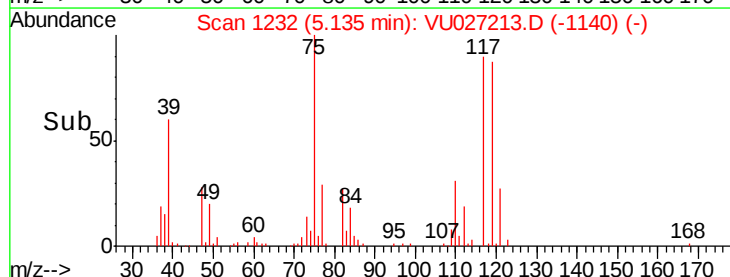


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

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

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

Time-->





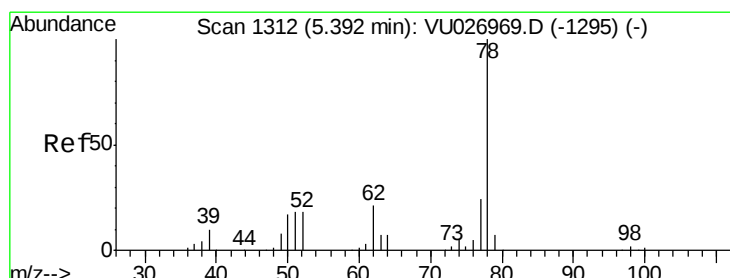
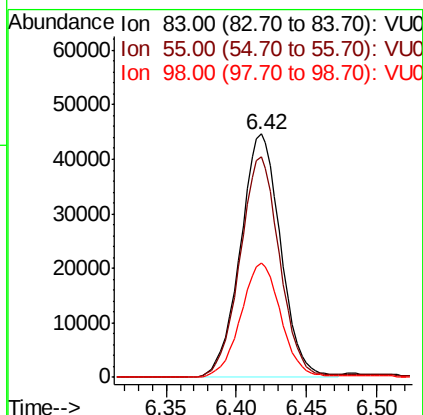
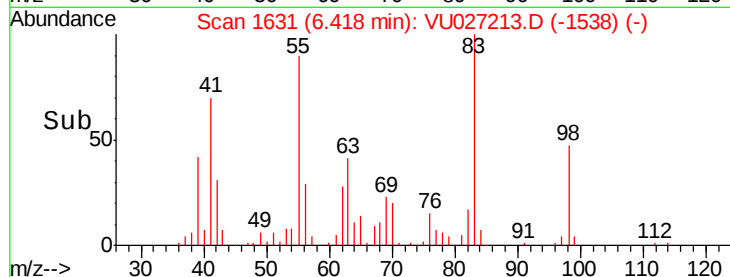
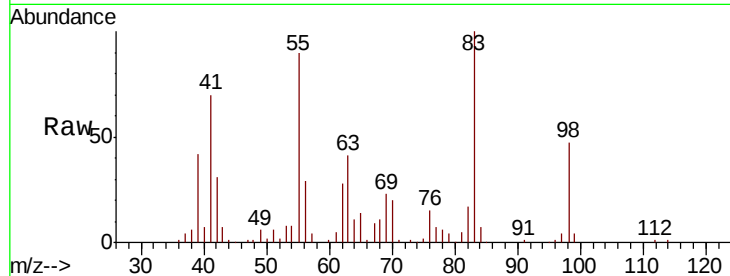
#39
Methvlcvclohexane
Concen: 44.880 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.5	69.9	104.9
98	46.9	37.5	56.3

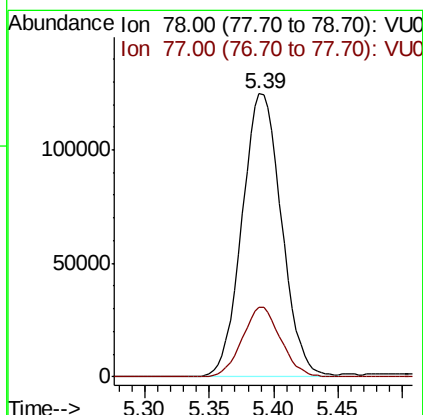
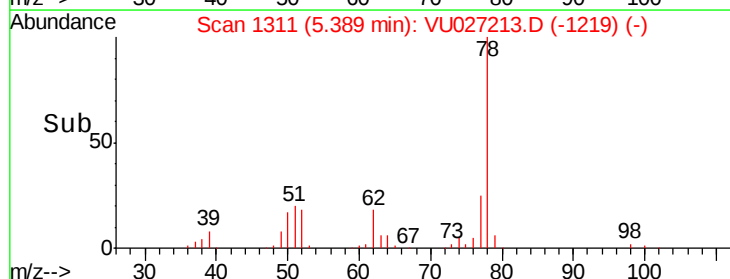
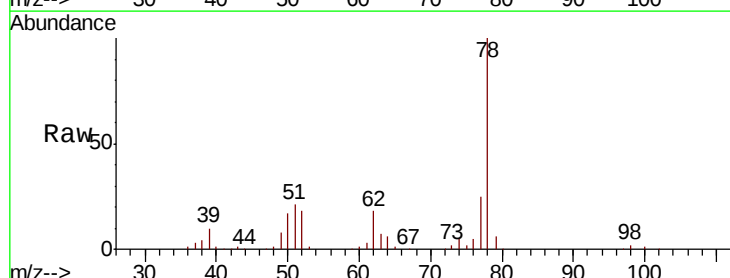
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#40
Benzene
Concen: 47.873 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





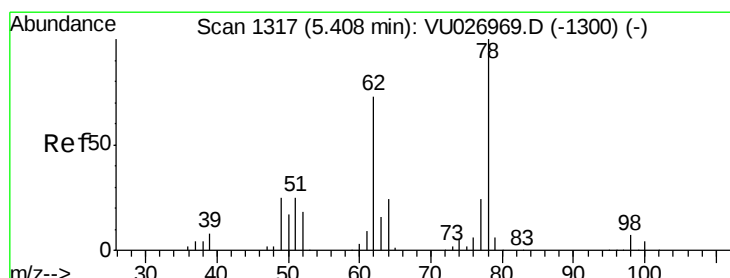
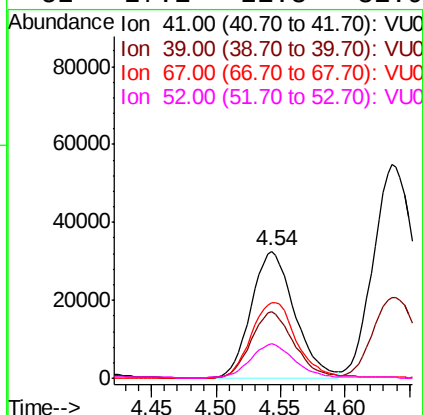
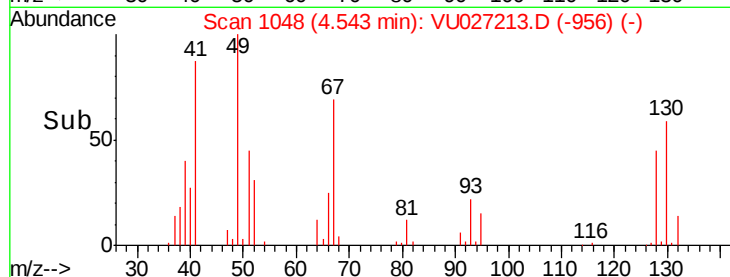
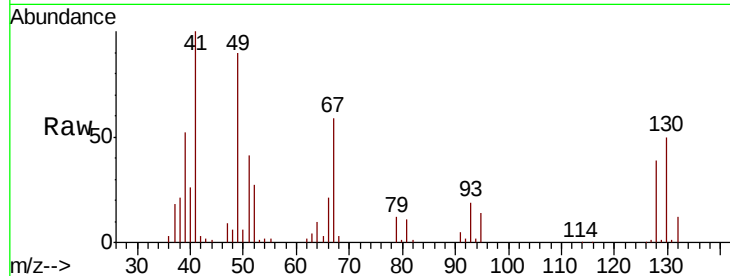
#41
Methacrylonitrile
Concen: 58.853 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.9	64.3	
67	63.3	52.4	78.6	
52	27.1	21.3	31.9	

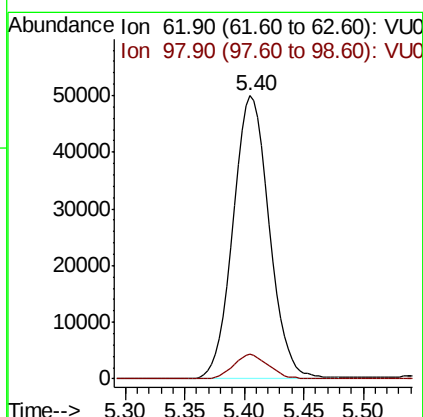
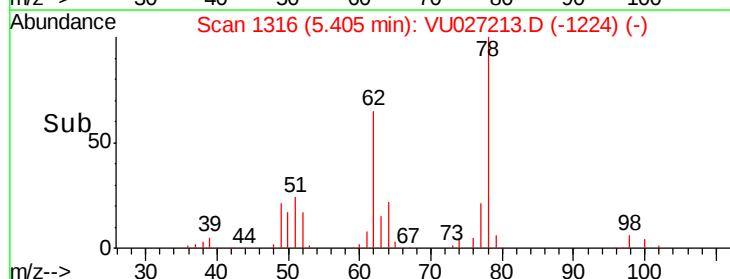
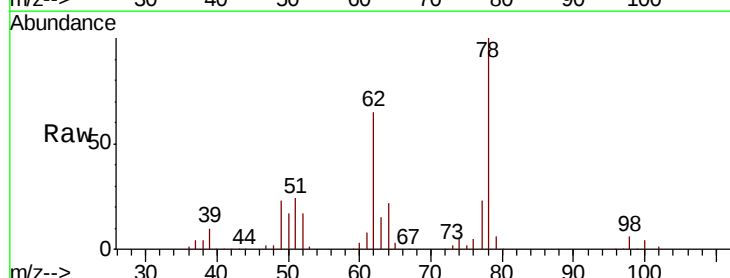
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 50.218 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.0	





#43

Isopropyl Acetate

Concen: 52.404 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

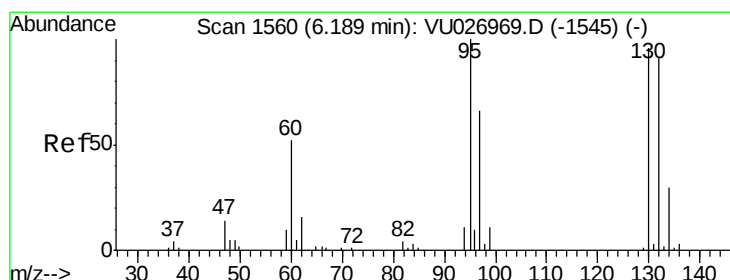
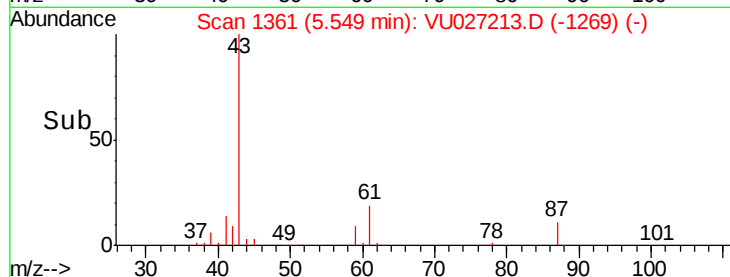
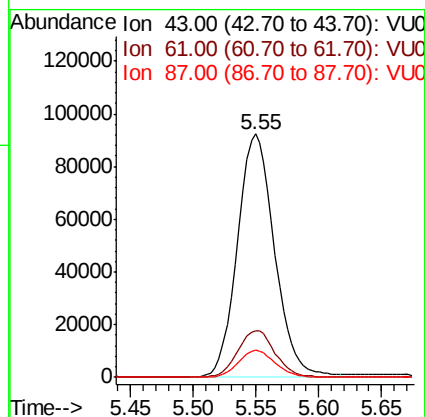
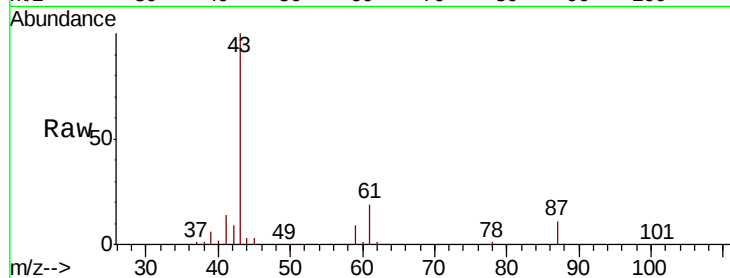
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	43	Resp:	189451
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	10.9	9.0	13.4

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#44

Trichloroethene

Concen: 52.137 ug/l

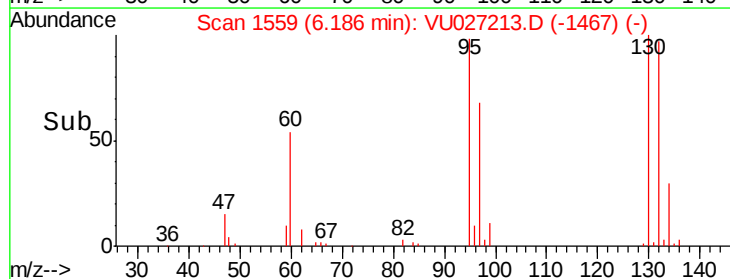
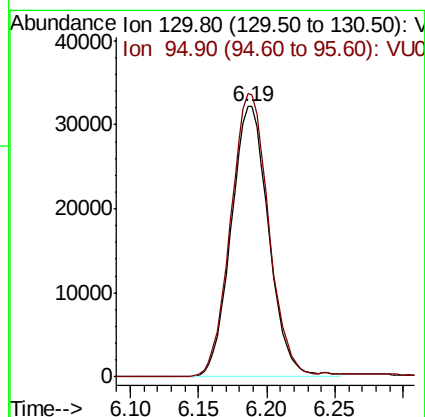
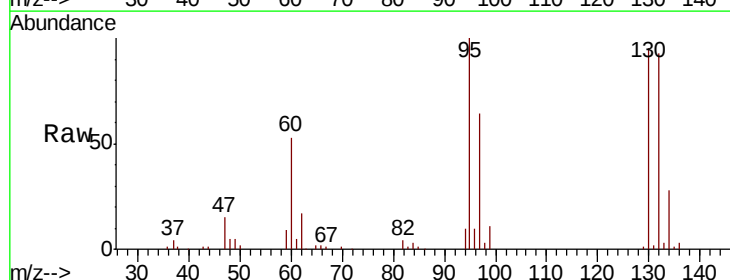
RT: 6.19 min Scan# 1559

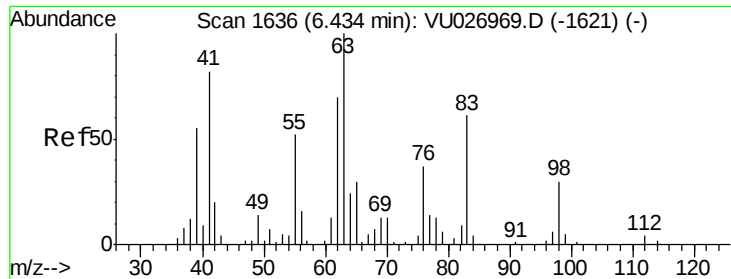
Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	130	Resp:	61788
Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	208.8





#45

1,2-Dichloropropane

Concen: 52.006 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 63 Resp: 82490

Ion Ratio Lower Upper

63 100

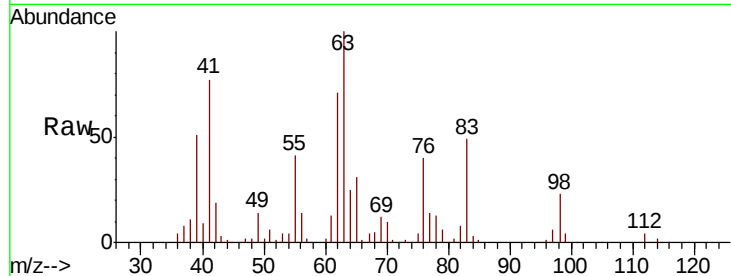
65 31.3 24.3 36.5

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.43

40000

30000

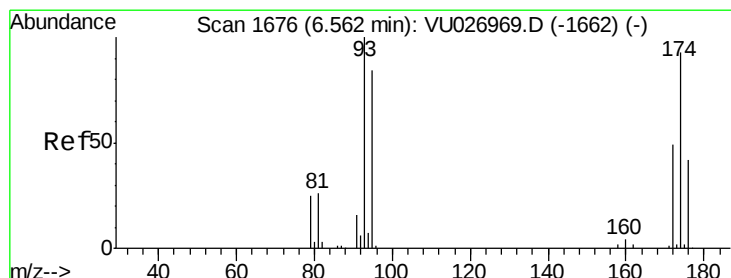
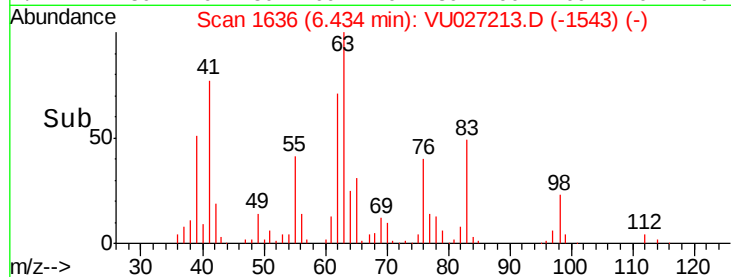
20000

10000

0

6.35 6.40 6.45 6.50

Time-->



#46

Dibromomethane

Concen: 49.940 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

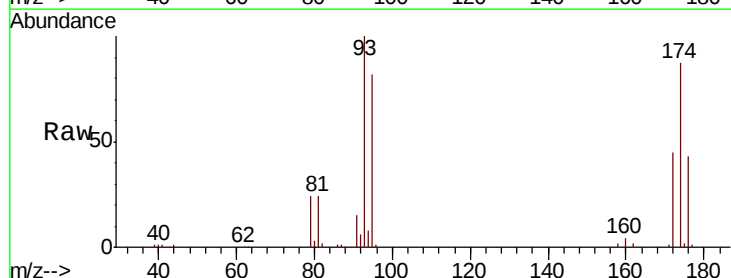
Tgt Ion: 93 Resp: 47841

Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 88.5 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

30000

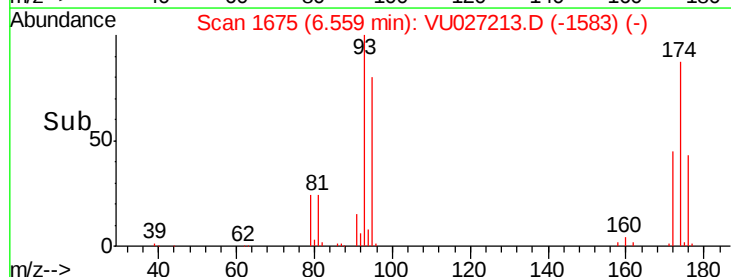
20000

10000

0

6.50 6.55 6.60 6.65

Time-->





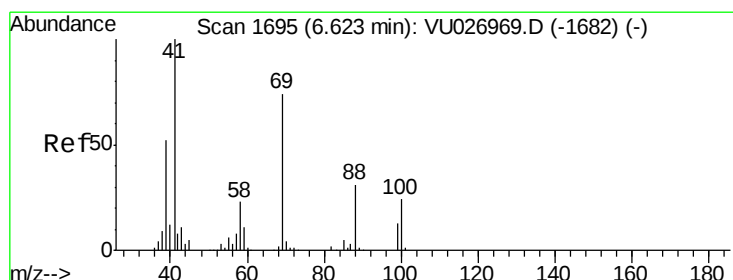
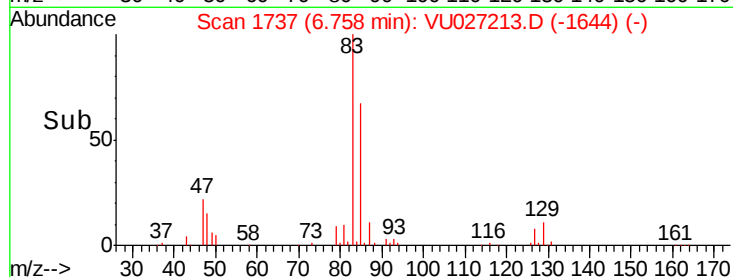
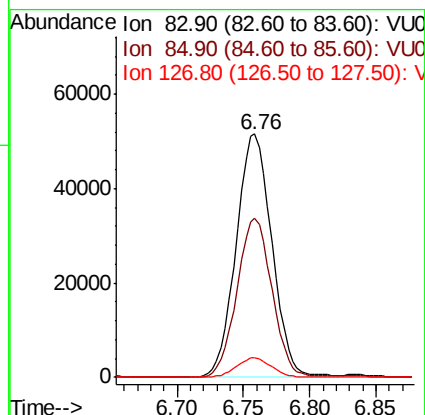
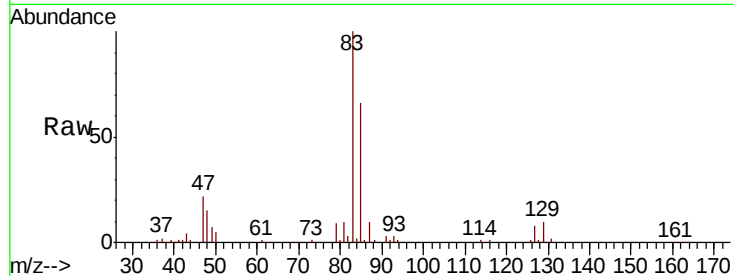
#47
Bromodichloromethane
Concen: 50.068 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	83	Resp	96983
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	52.5	78.7
127	8.3	6.3	9.5

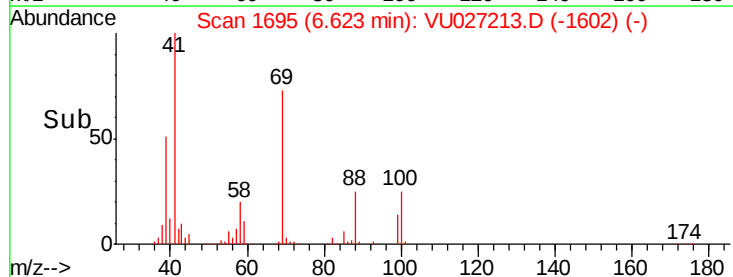
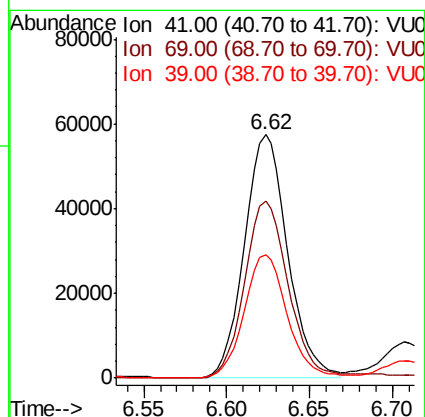
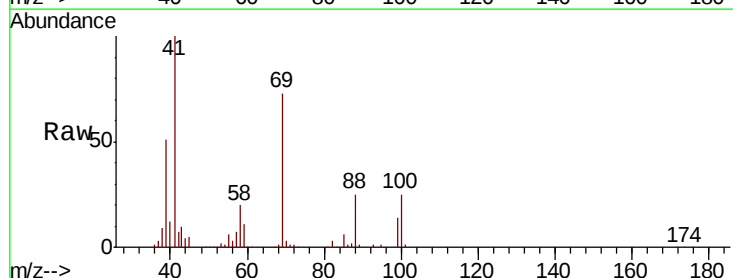
Manual Integrations
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#48
Methyl methacrylate
Concen: 52.699 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	41	Resp	103804
Ion Ratio	100	Lower	Upper
41	100		
69	76.4	60.6	90.8
39	51.0	42.8	64.2





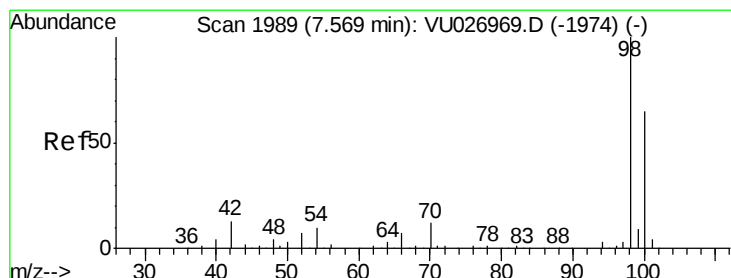
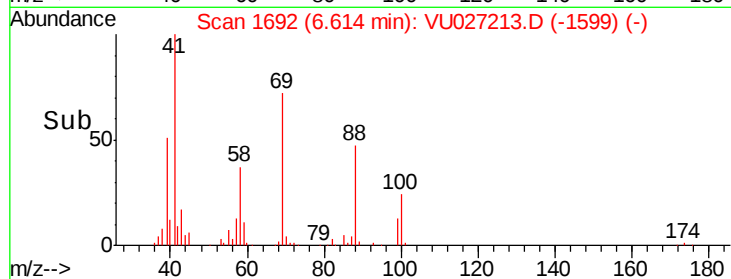
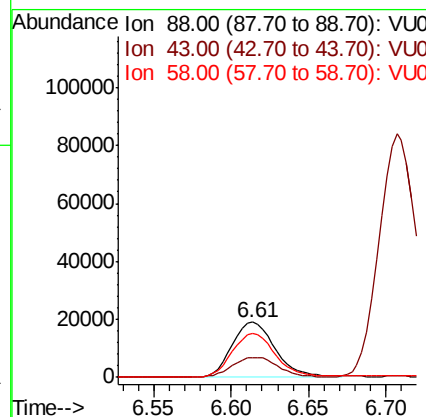
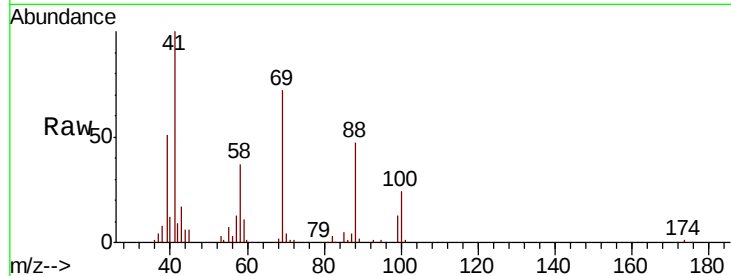
#49
1,4-Dioxane
Concen: 954.686 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	29.8	44.8
58	79.9	63.9	95.9

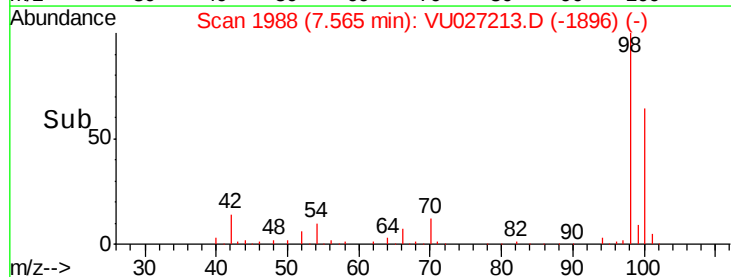
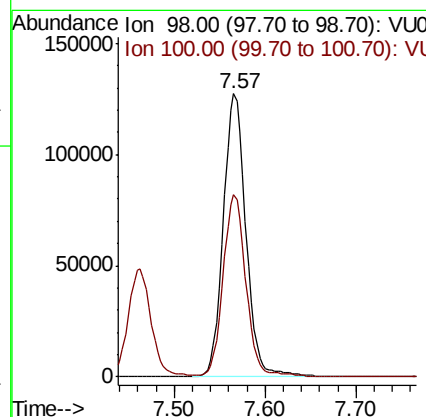
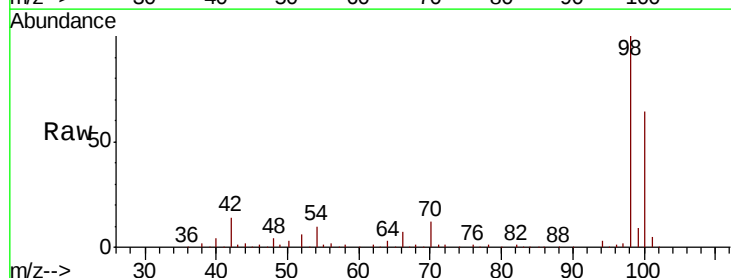
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#50
Toluene-d8
Concen: 48.659 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 288.281 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 700945

Ion Ratio Lower Upper

43 100

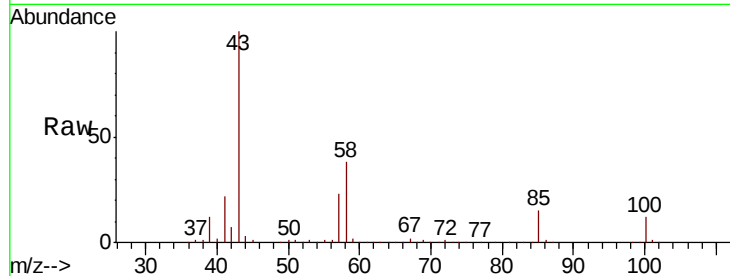
58 37.4 29.8 44.6

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

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

7.46

400000

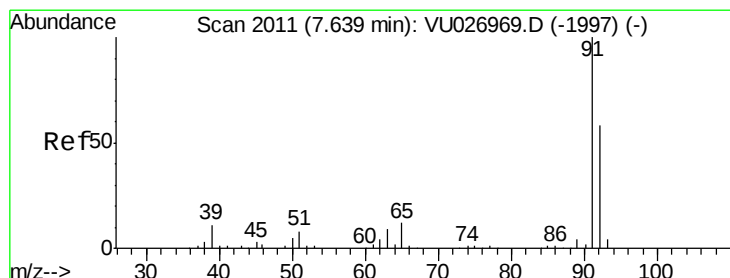
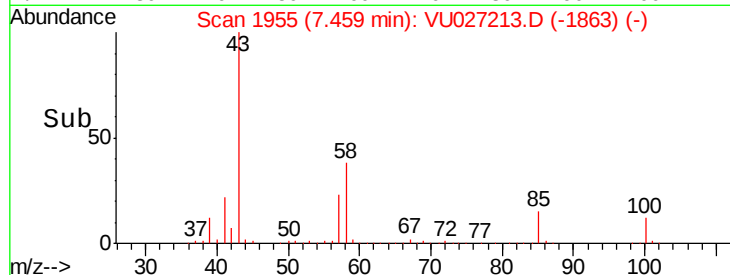
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.738 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027213.D

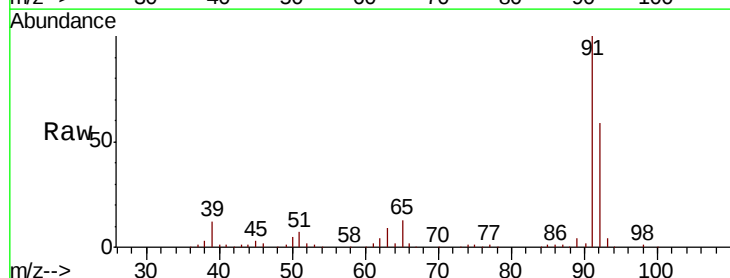
Acq: 27 Sep 2018 05:50

Tgt Ion: 92 Resp: 158708

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6



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

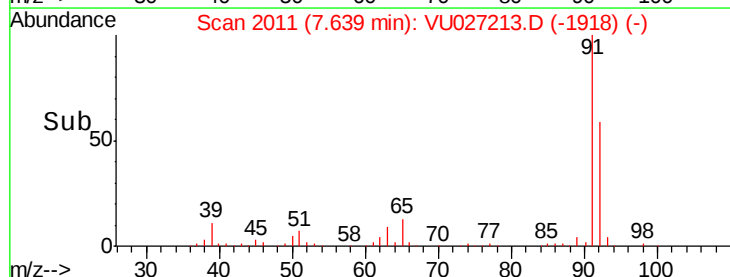
150000

100000

50000

0

Time-->





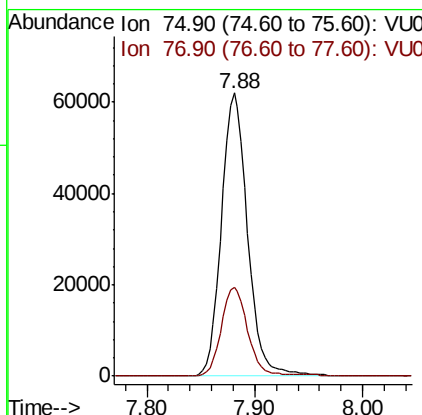
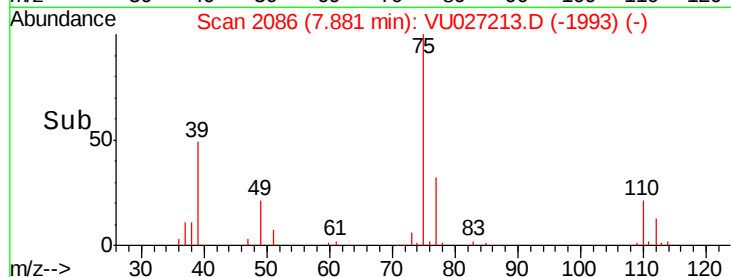
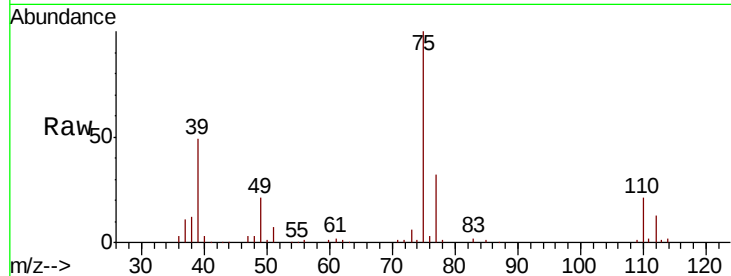
#53
t-1,3-Dichloropropene
Concen: 50.300 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 75 Resp: 104684
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

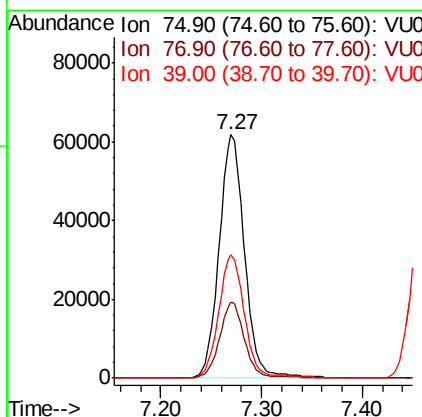
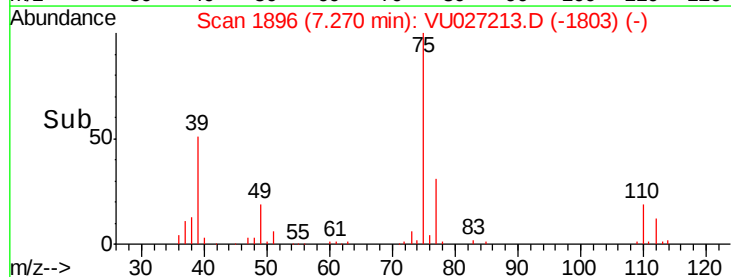
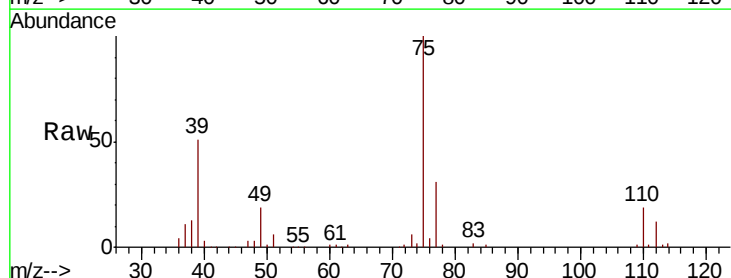
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#54
cis-1,3-Dichloropropene
Concen: 47.494 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 108682
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 50.5 41.6 62.4





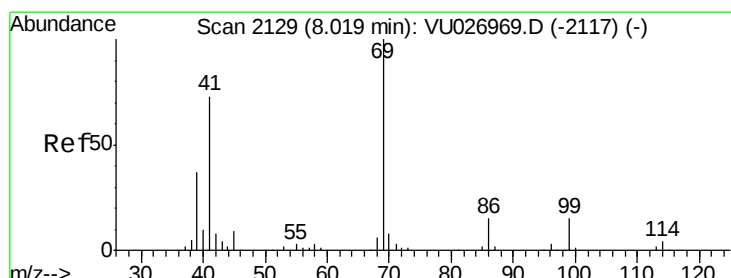
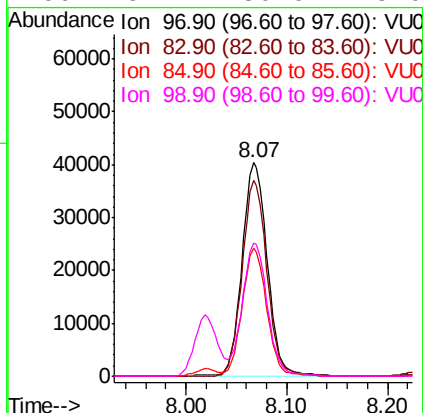
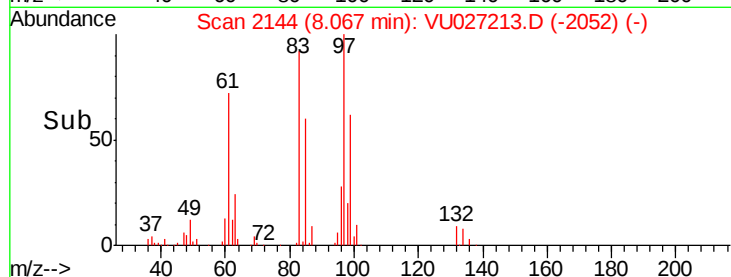
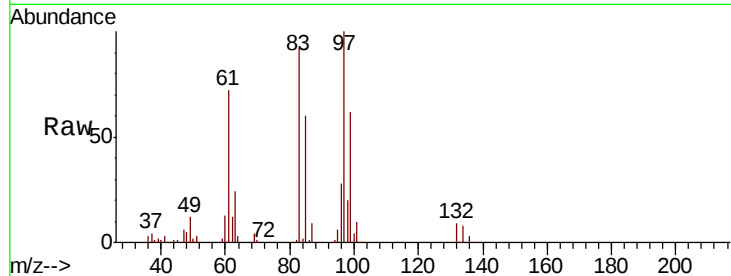
#55
 1,1,2-Trichloroethane
 Concen: 51.670 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:	97	Resp:	69861
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.1	109.7
85	59.7	46.7	70.1
99	62.1	50.0	75.0

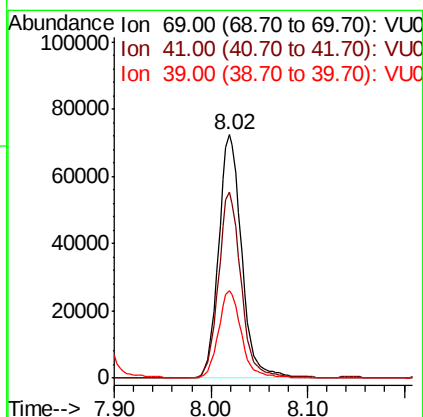
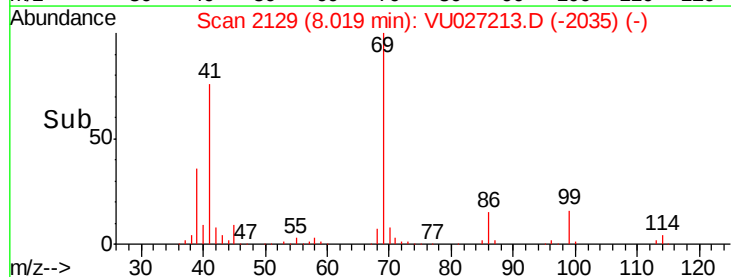
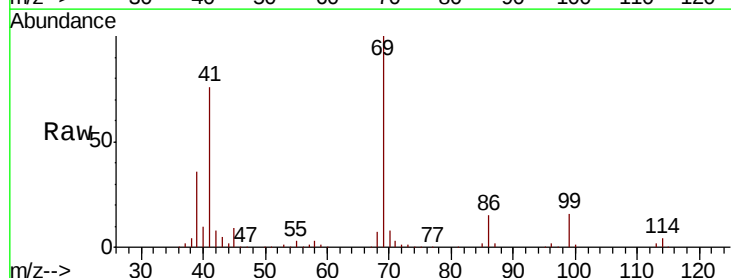
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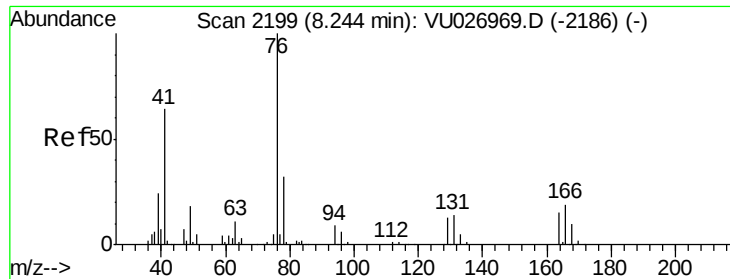
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#56
 Ethyl methacrylate
 Concen: 51.127 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion:	69	Resp:	120062
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.0	88.4
39	35.1	30.2	45.4





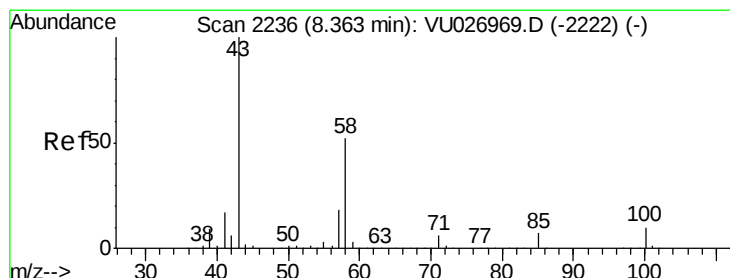
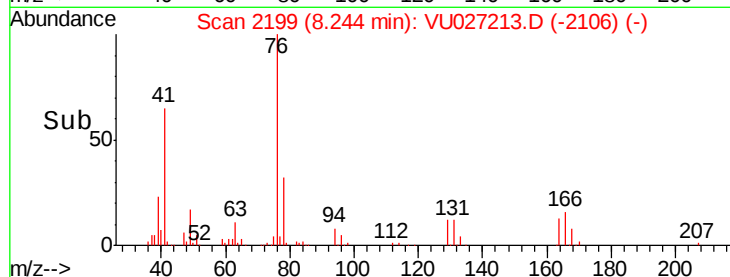
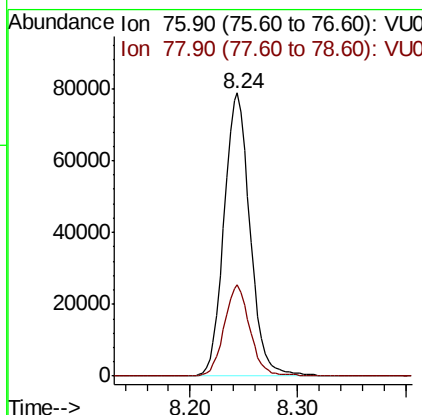
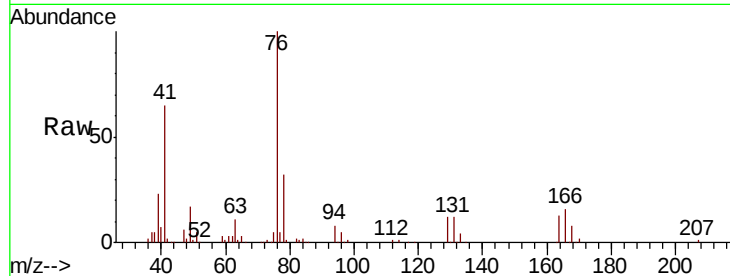
#57
 1,3-Dichloropropane
 Concen: 52.588 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

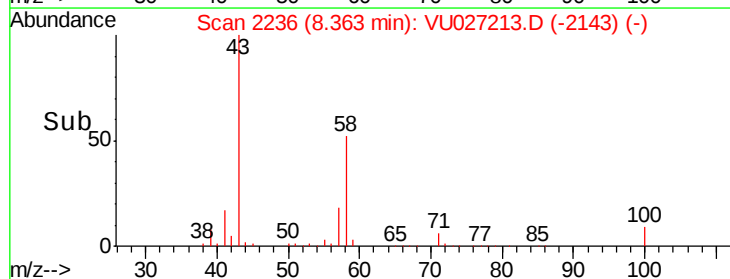
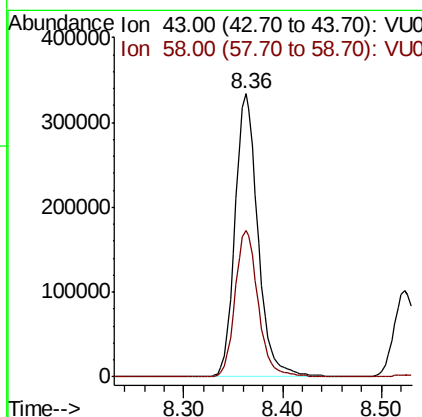
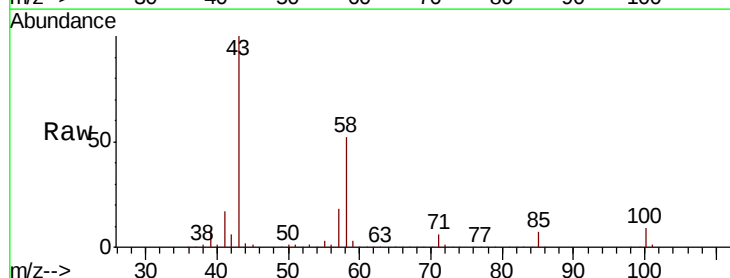
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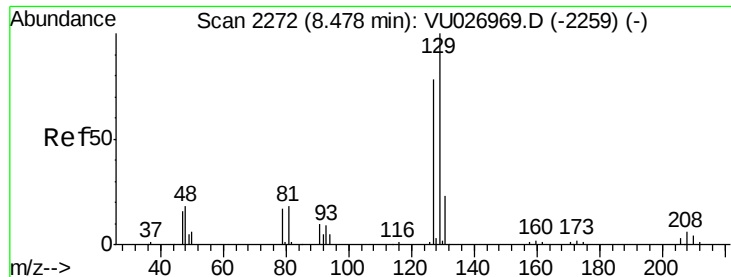
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#59
 2-Hexanone
 Concen: 283.814 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2





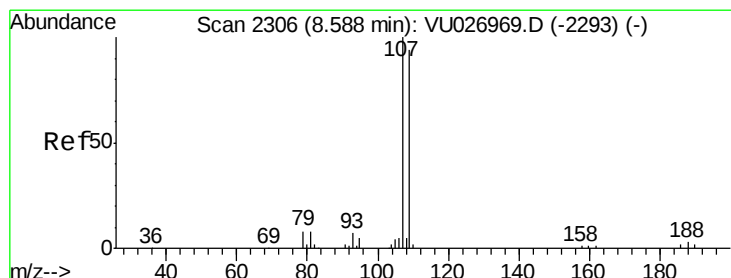
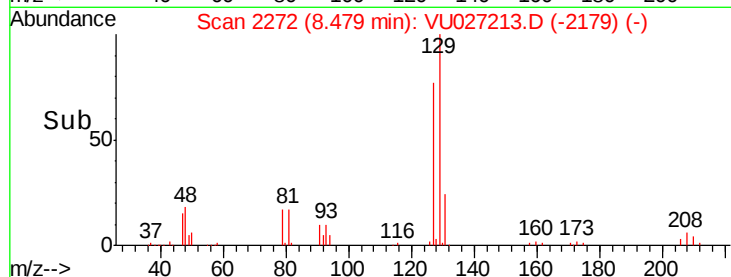
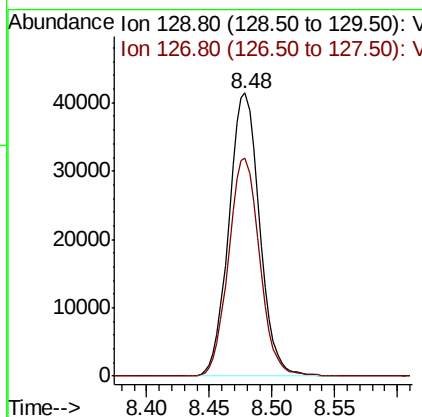
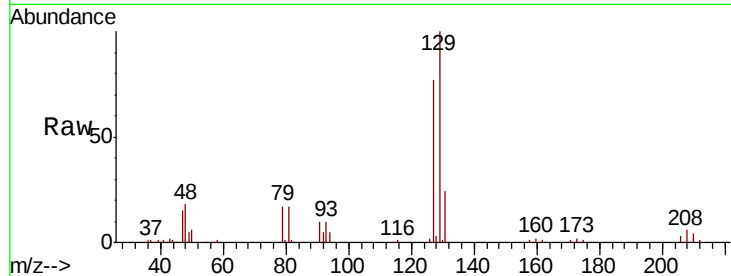
#60
Dibromochloromethane
Concen: 53.249 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:129 Resp: 70620
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5

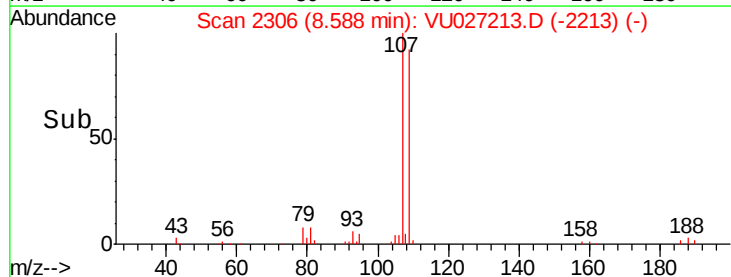
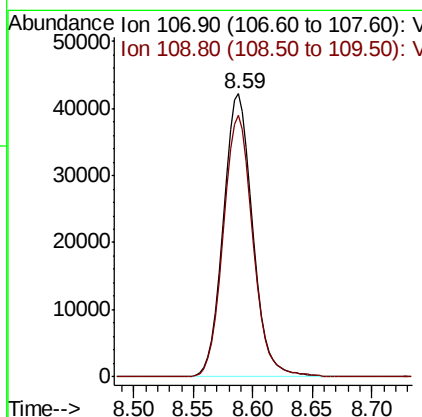
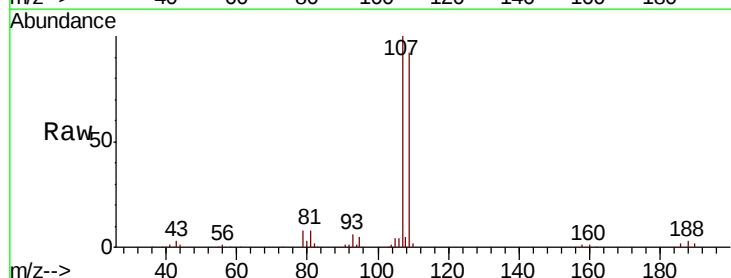
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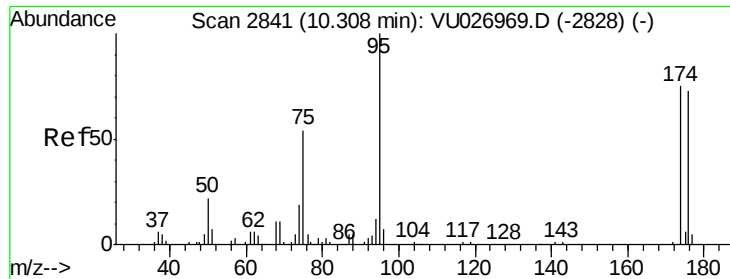
MMDadoda
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#61
1,2-Dibromoethane
Concen: 51.234 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:107 Resp: 72074
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6





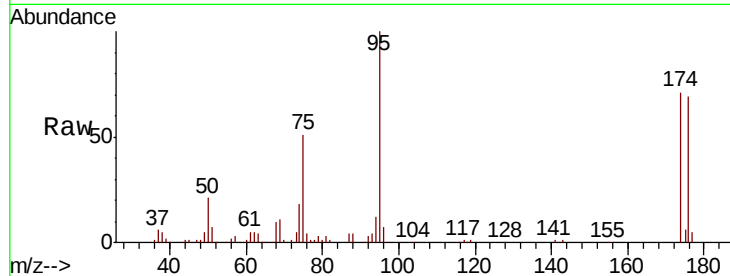
#62
4-Bromofluorobenzene
Concen: 52.379 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

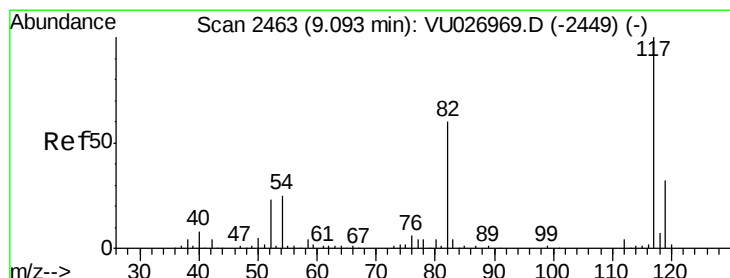
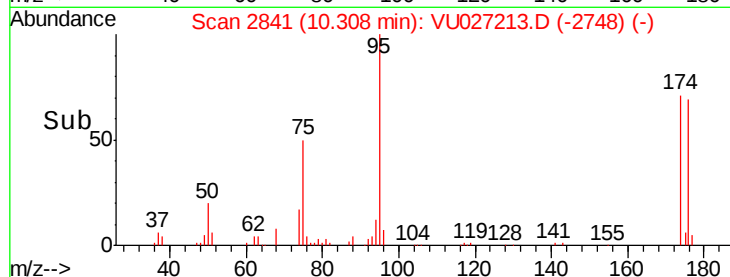
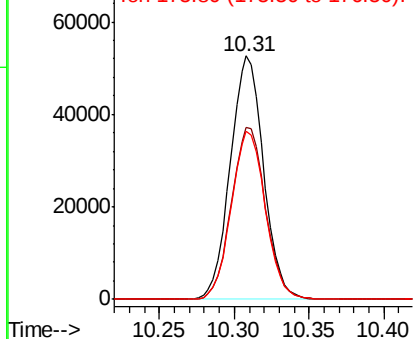
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	150.2
176	70.7	0.0	145.2

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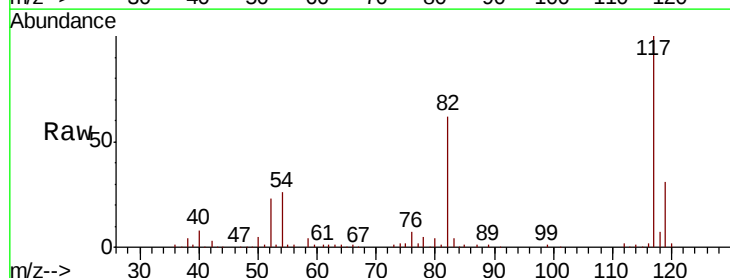


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

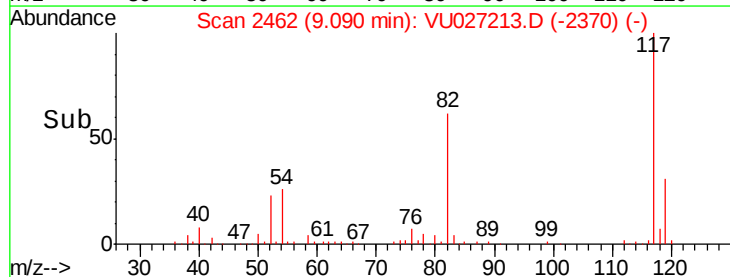
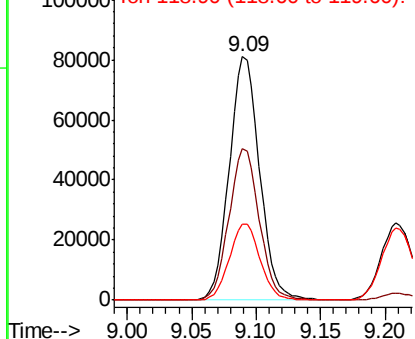


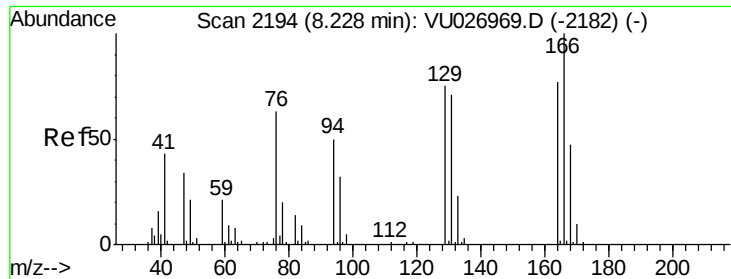
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.4	48.0	72.0
119	31.3	25.8	38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





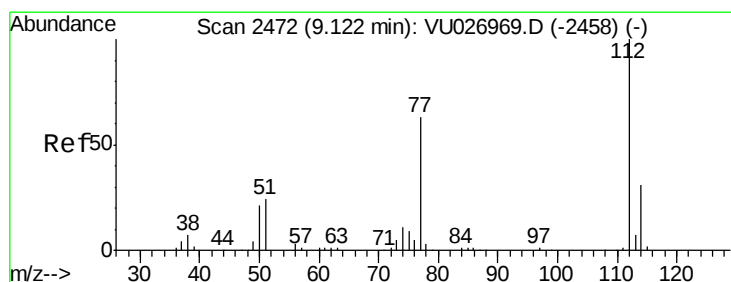
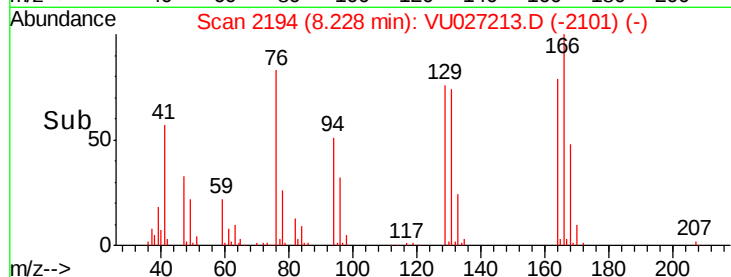
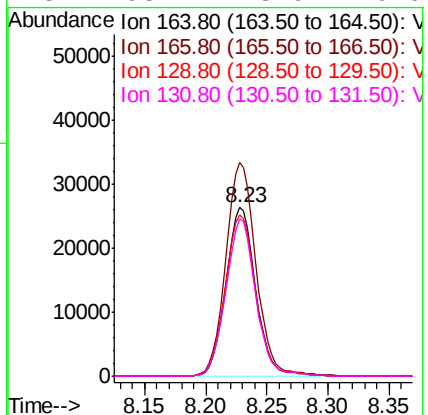
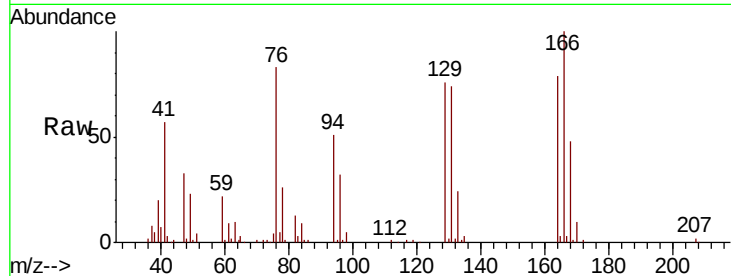
#64
Tetrachloroethene
Concen: 44.354 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.7	104.4	156.6
129	95.8	78.7	118.1
131	93.2	73.9	110.9

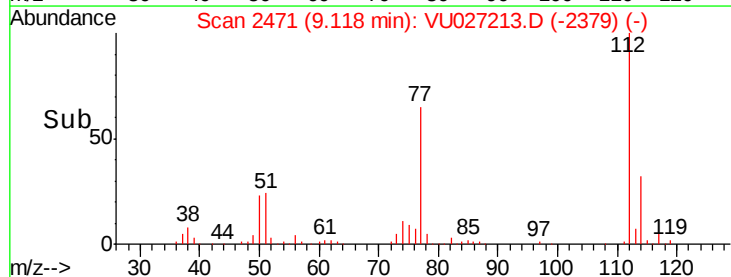
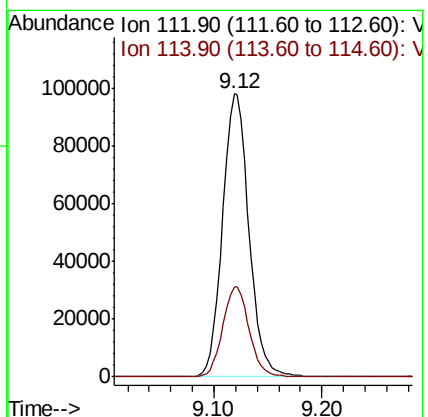
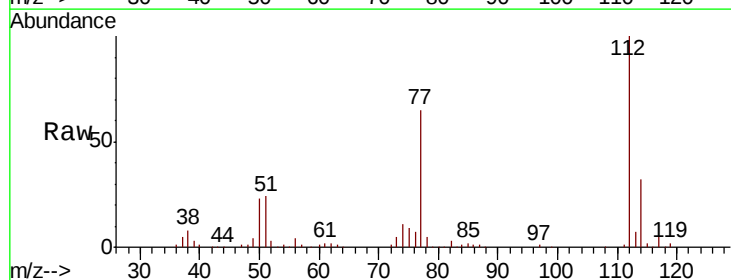
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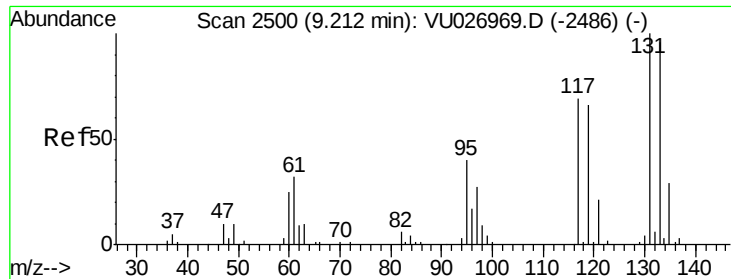
MMDadoda
9/27/2018 3:33:26 PM



#65
Chlorobenzene
Concen: 47.563 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6





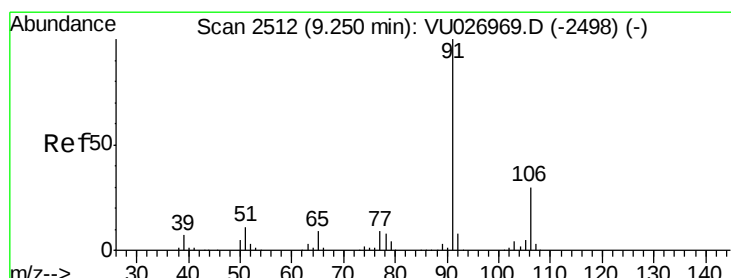
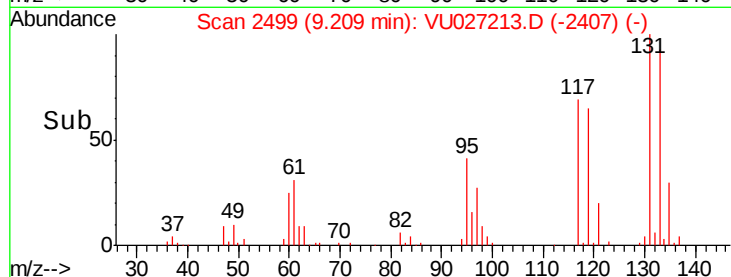
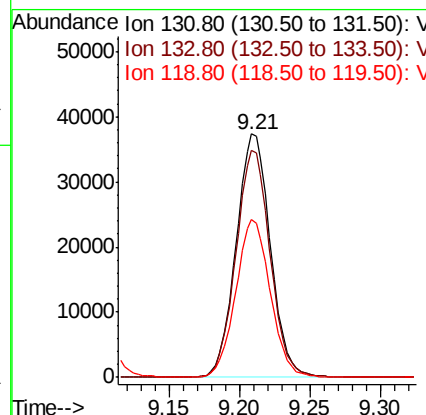
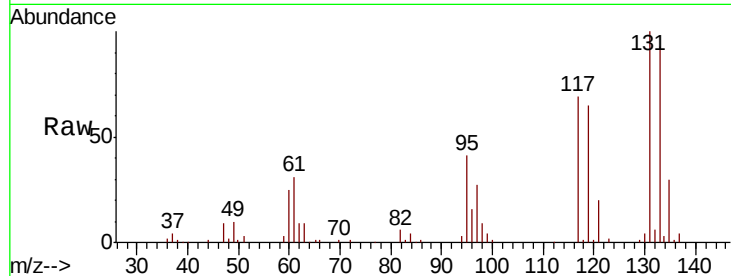
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.526 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.3	48.0	144.2
119	65.1	33.4	100.1

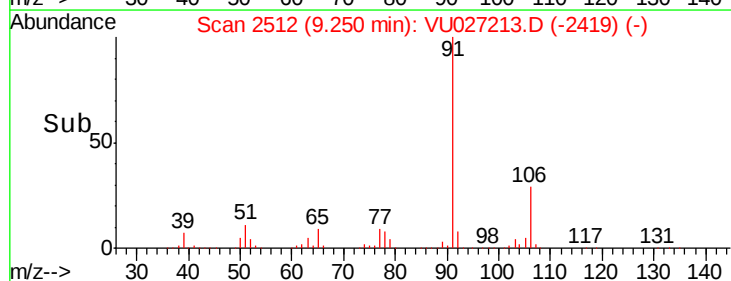
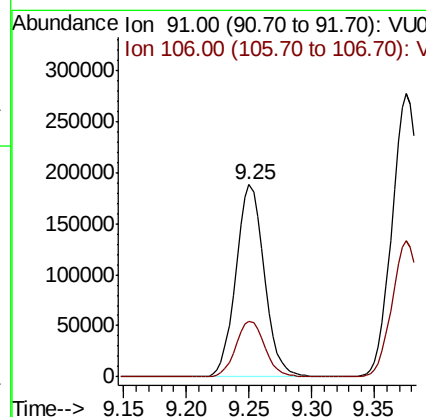
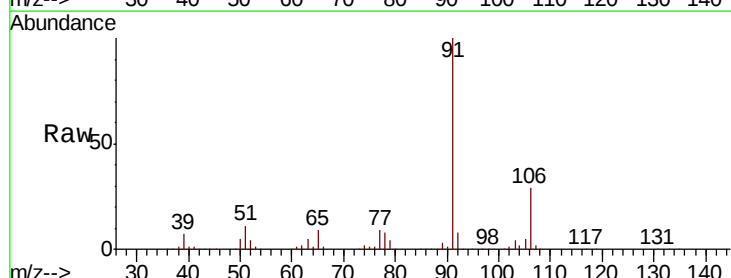
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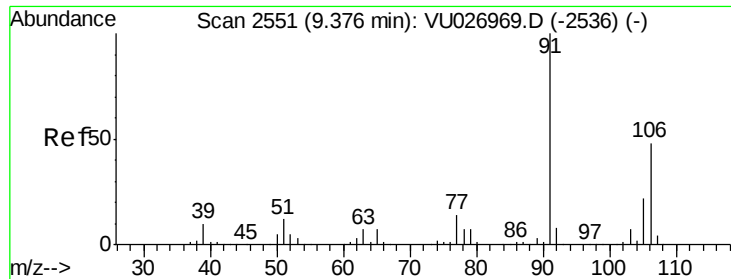
MMDadoda
 9/27/2018 3:33:26 PM



#67
 Ethyl Benzene
 Concen: 51.438 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.2	23.8	35.8





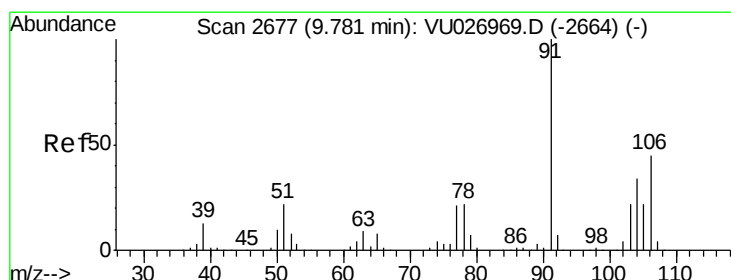
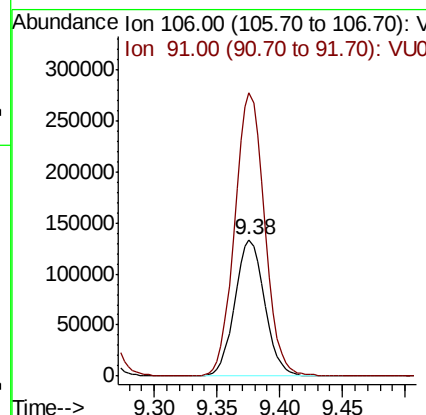
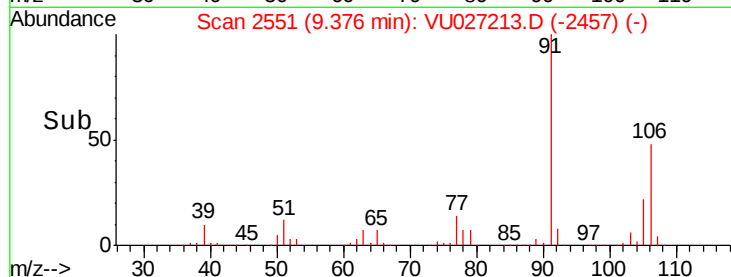
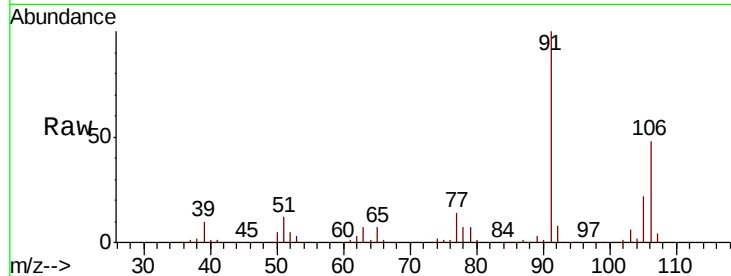
#68
m/p-Xylenes
Concen: 94.238 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:106 Resp: 220119
Ion Ratio Lower Upper
106 100
91 208.7 166.5 249.7

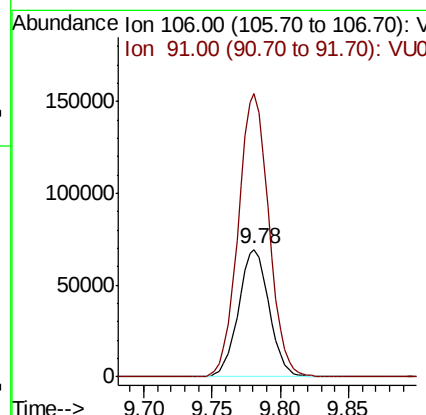
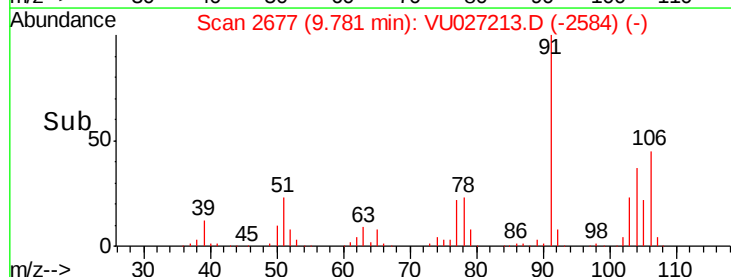
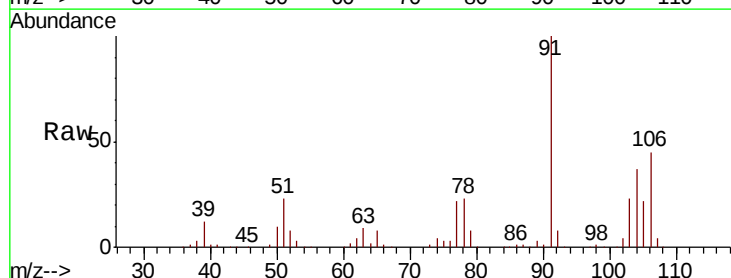
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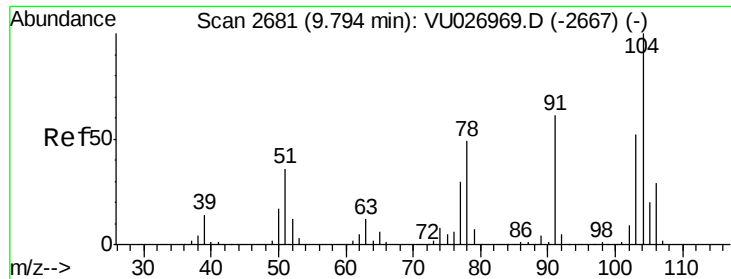
MMDadoda
9/27/2018 3:33:26 PM



#69
o-Xylene
Concen: 52.738 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:106 Resp: 107872
Ion Ratio Lower Upper
106 100
91 223.1 110.2 330.6





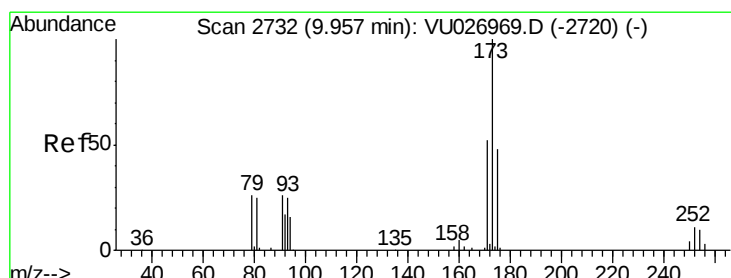
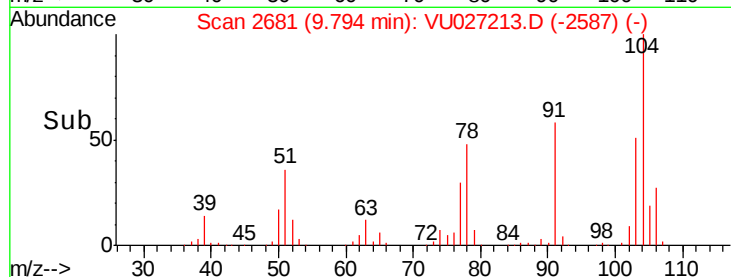
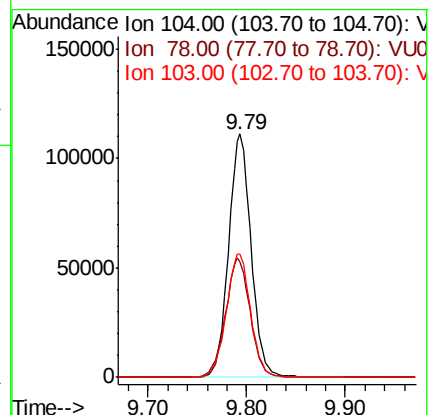
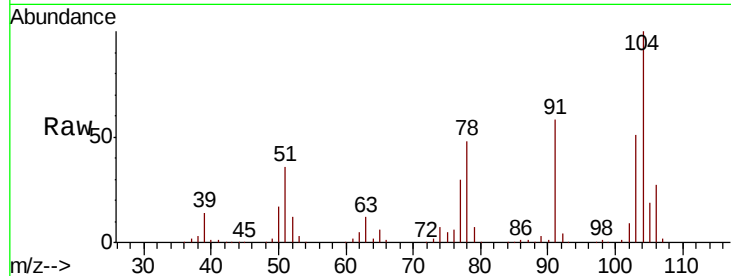
#70
Stvrene
Concen: 46.856 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.0	64.4
103	54.5	44.1	66.1

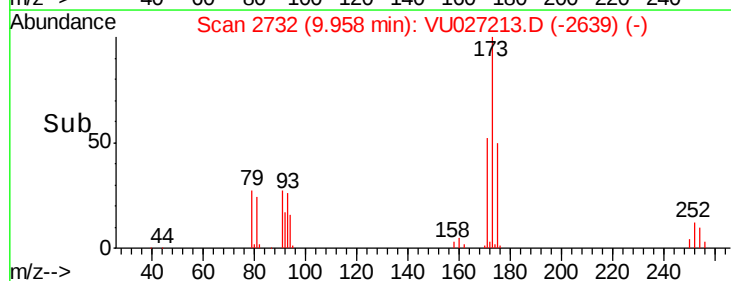
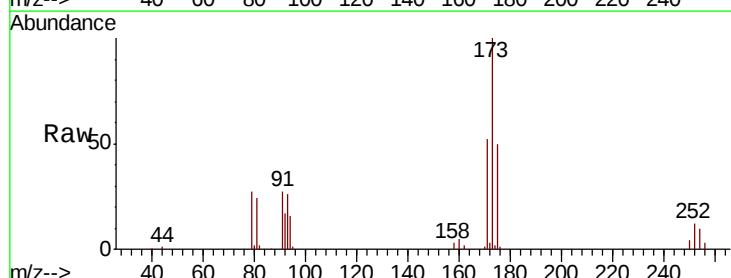
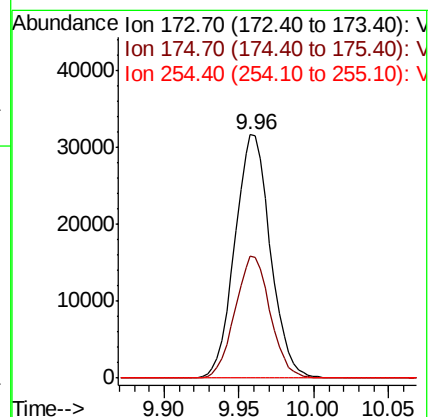
Manual Integrations
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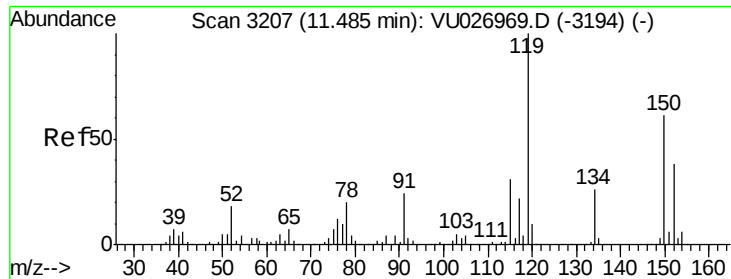
MMDadoda
9/27/2018 3:33:26 PM



#71
Bromoform
Concen: 56.008 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:152 Resp: 71600

Ion Ratio Lower Upper

152 100

115 85.5 44.9 134.5

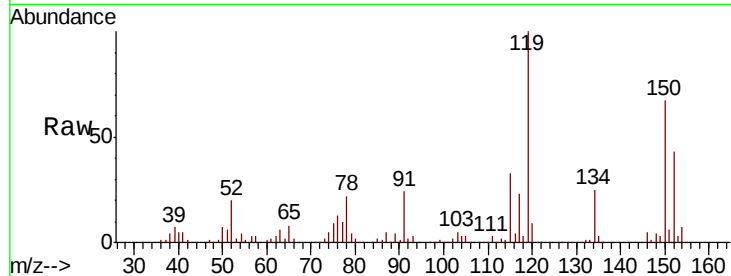
150 174.5 0.0 355.8

Manual Integrations

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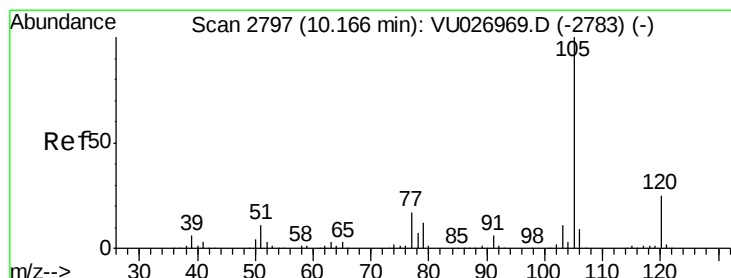
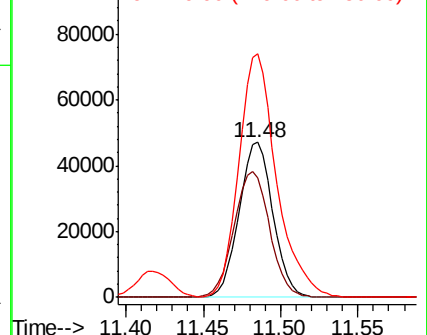
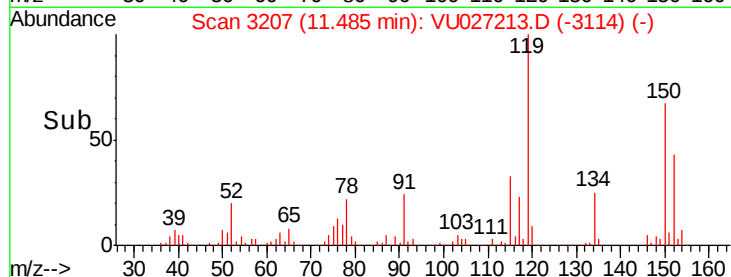
9/27/2018 3:33:26 PM



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: 53.226 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027213.D

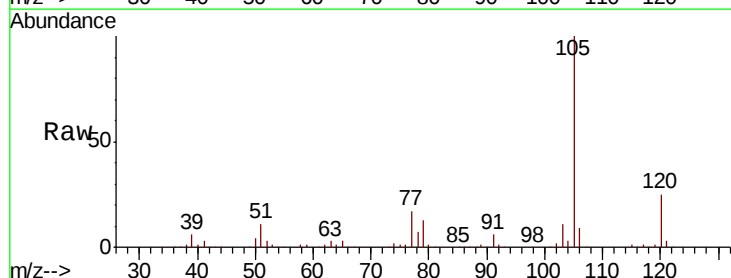
Acq: 27 Sep 2018 05:50

Tgt Ion:105 Resp: 289898

Ion Ratio Lower Upper

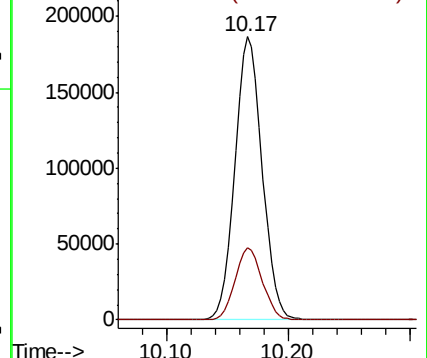
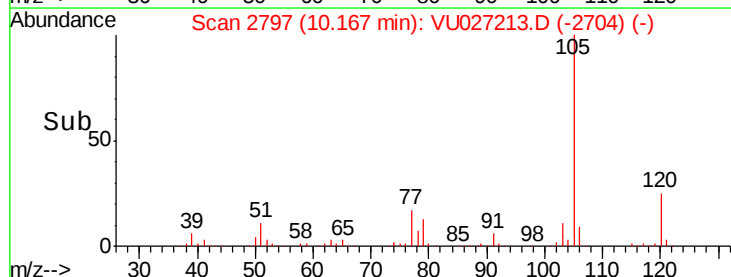
105 100

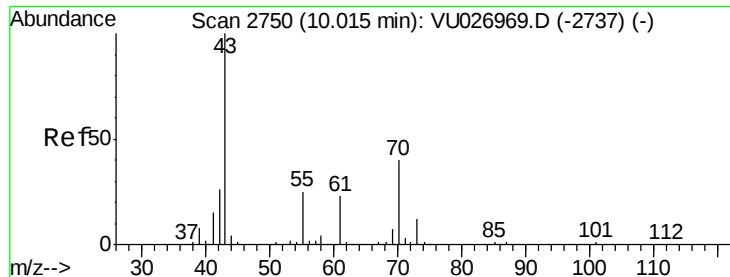
120 25.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.662 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

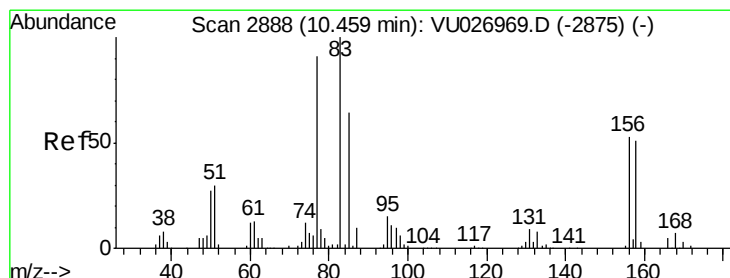
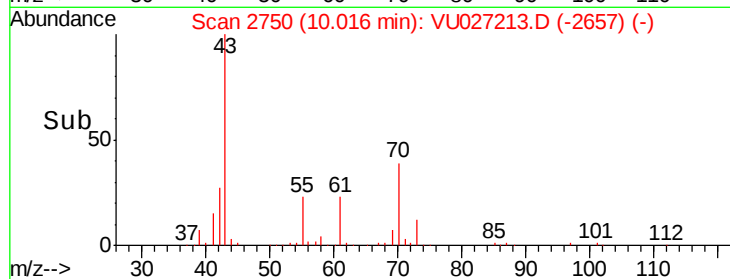
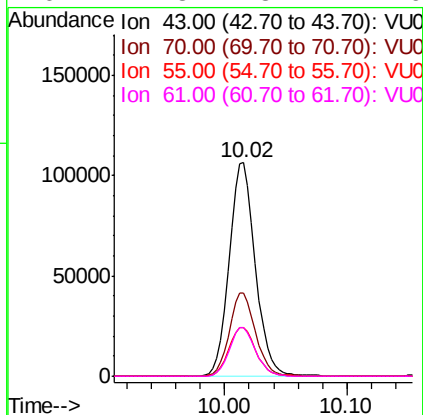
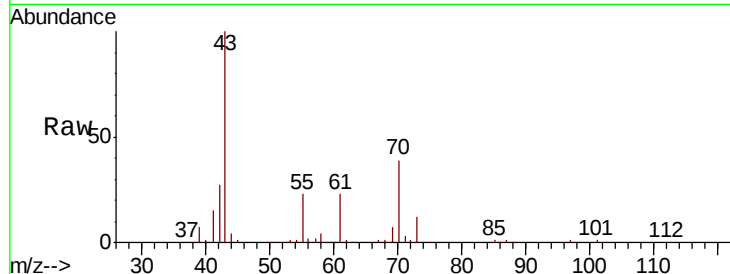
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	43	Resp:	159723
Ion	Ratio	Lower	Upper
43	100		
70	39.2	31.8	47.8
55	23.8	19.9	29.9
61	22.8	18.4	27.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.918 ug/l

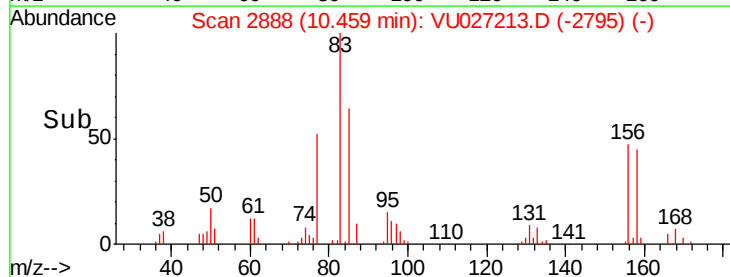
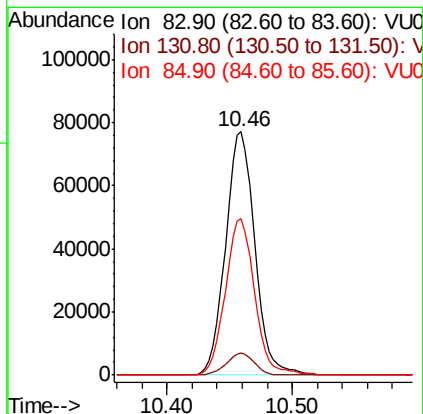
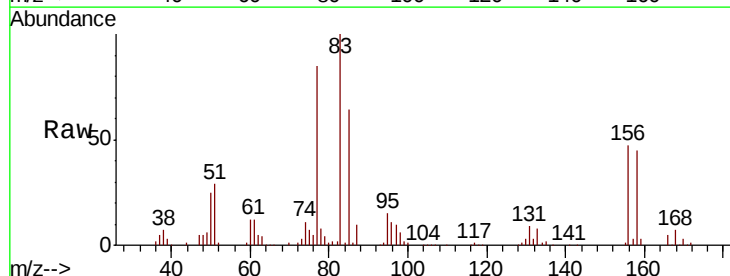
RT: 10.46 min Scan# 2888

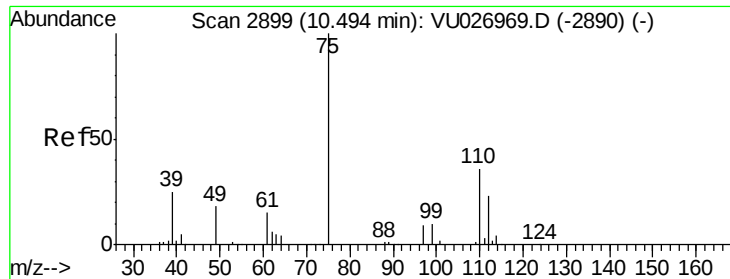
Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	83	Resp:	125004
Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.3	12.8
85	64.2	31.9	95.7





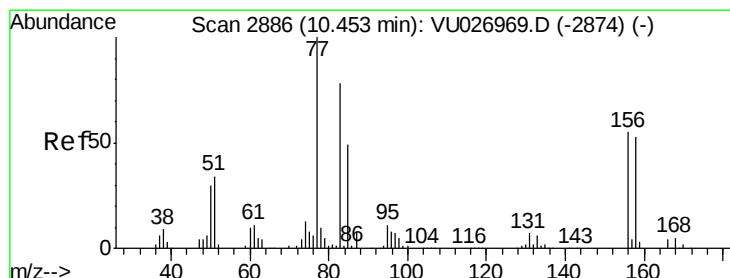
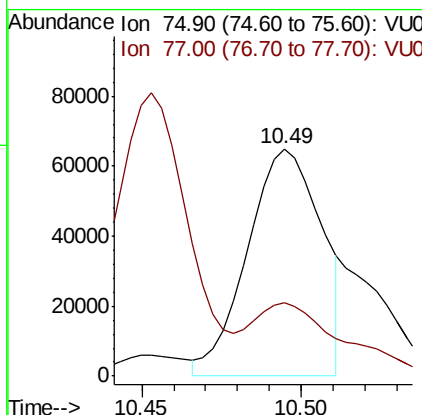
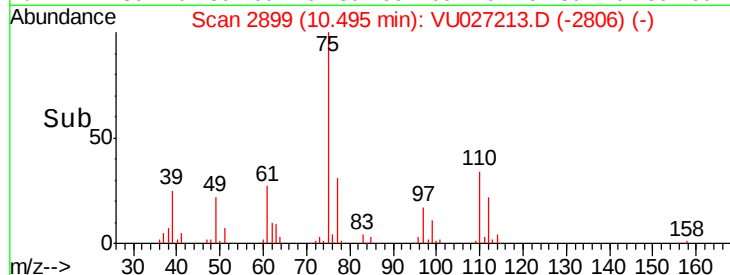
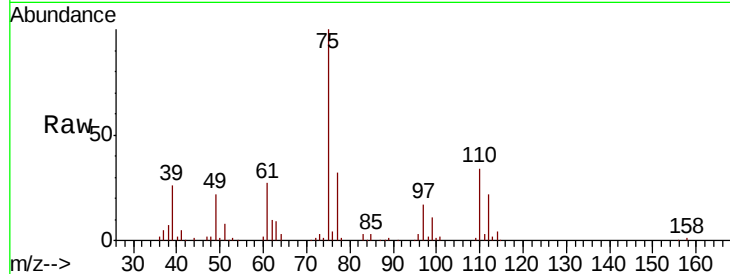
#76
 1,2,3-Trichloropropane
 Concen: 48.225 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion: 75 Resp: 104898
 Ion Ratio Lower Upper
 75 100
 77 40.7 20.9 62.8

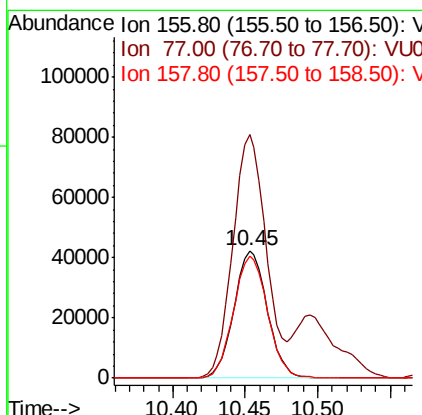
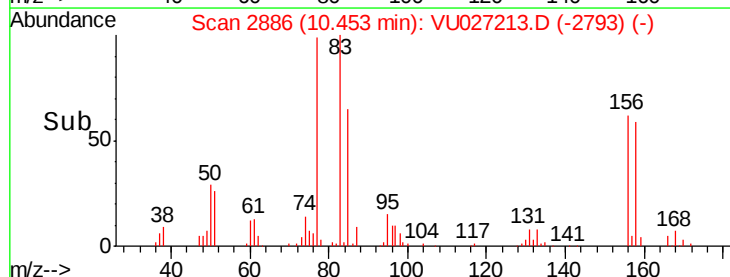
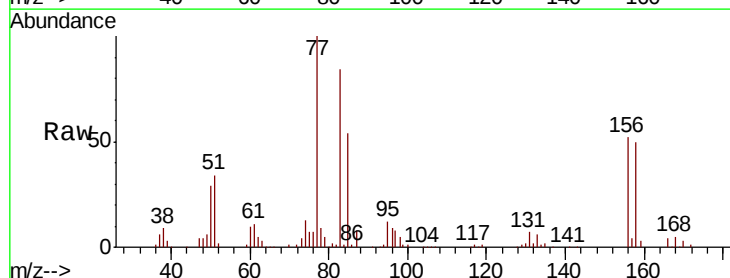
Manual Integrations
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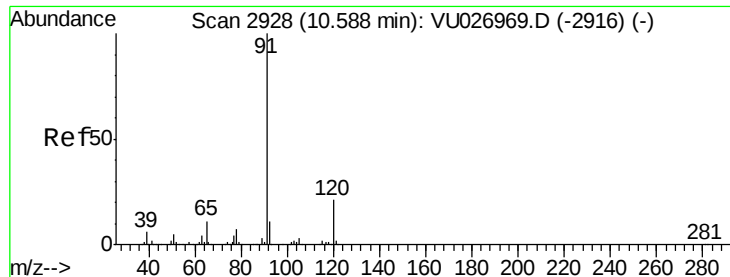
MMDadoda
 9/27/2018 3:33:26 PM



#77
 Bromobenzene
 Concen: 50.772 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 156 Resp: 67576
 Ion Ratio Lower Upper
 156 100
 77 191.3 92.3 276.9
 158 97.5 48.1 144.3





#78

n-propylbenzene

Concen: 53.098 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 342190

Ion Ratio Lower Upper

91 100

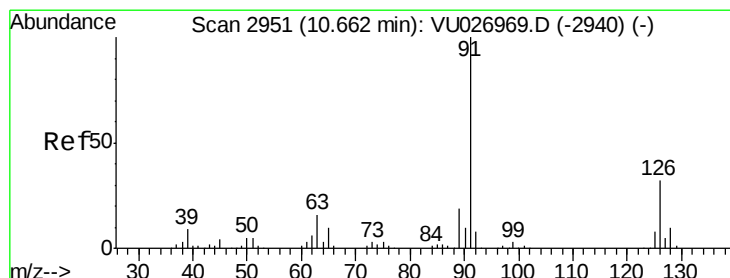
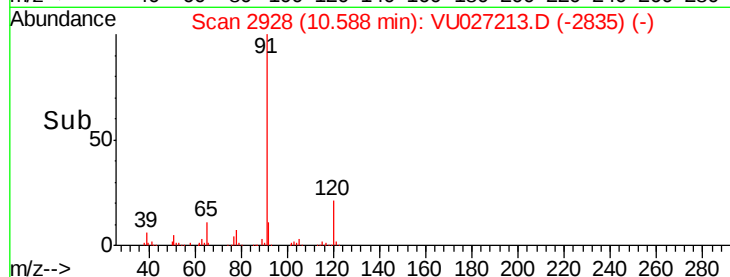
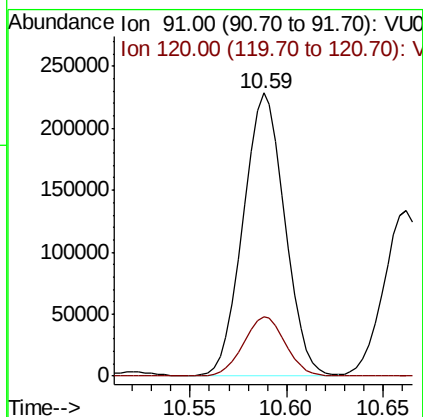
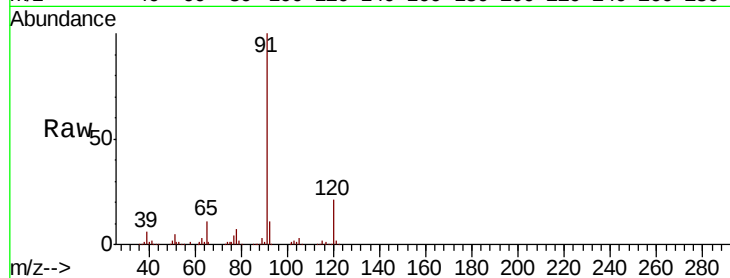
120 21.1 10.6 31.8

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#79

2-Chlorotoluene

Concen: 51.103 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027213.D

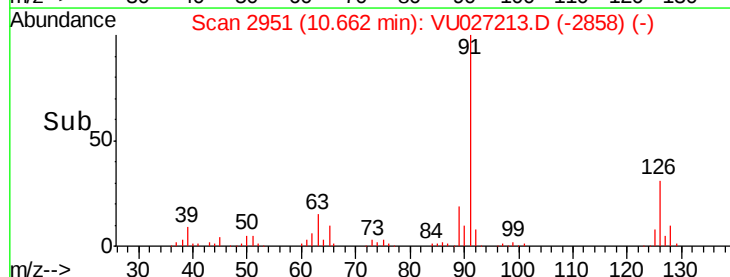
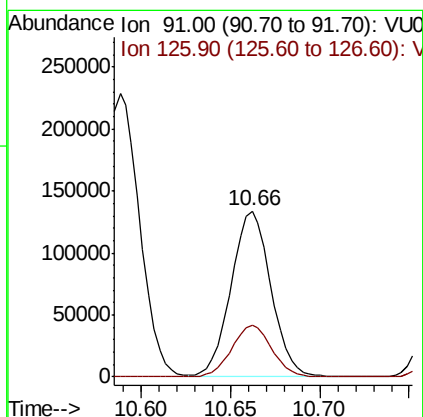
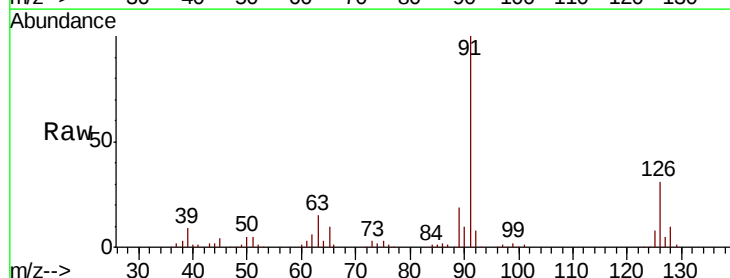
Acq: 27 Sep 2018 05:50

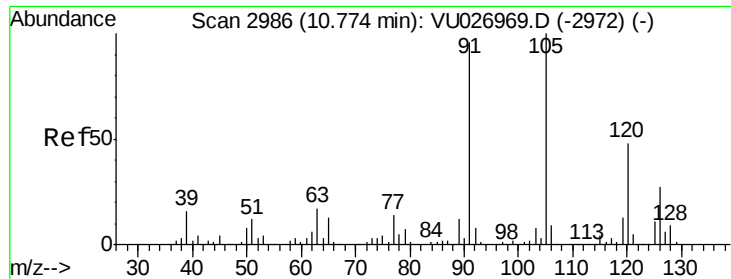
Tgt Ion: 91 Resp: 206865

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.3





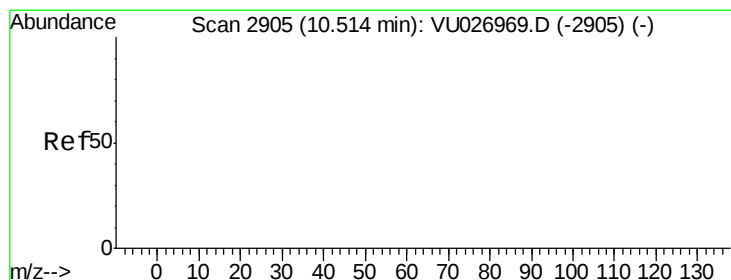
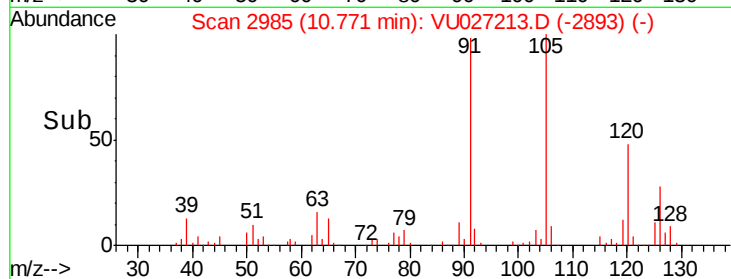
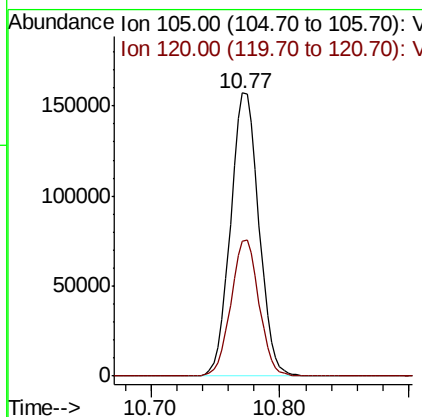
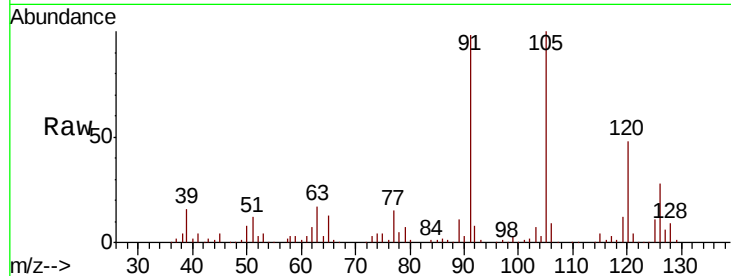
#80
 1,3,5-Trimethylbenzene
 Concen: 53.308 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:105 Resp: 239671
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7

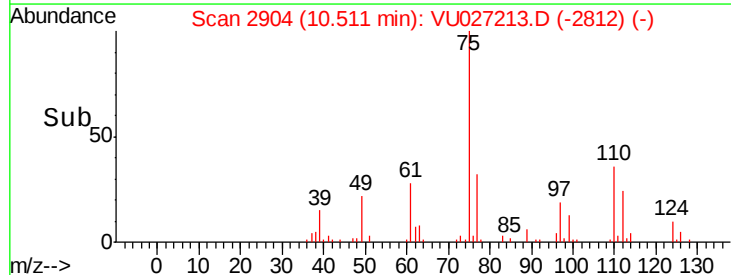
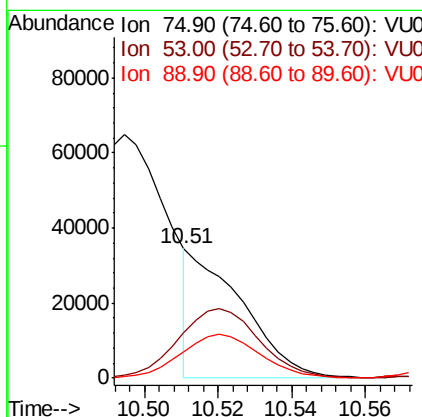
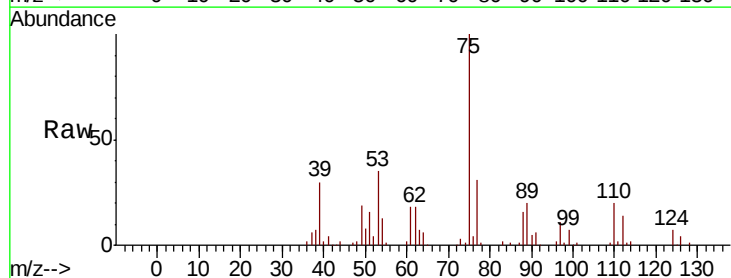
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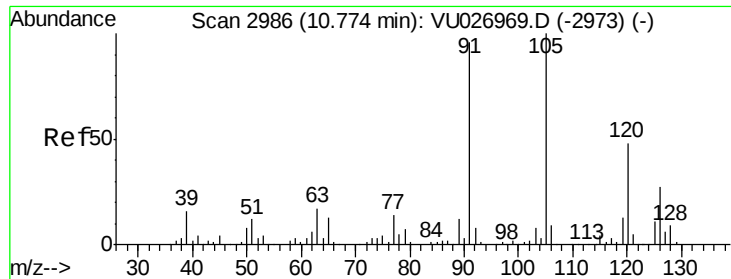
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.434 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 33601
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 52.402 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 237850

Ion Ratio Lower Upper

91 100

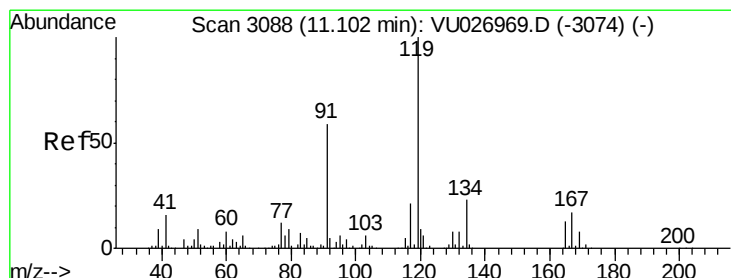
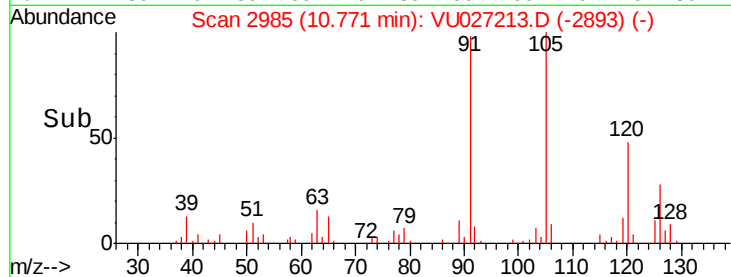
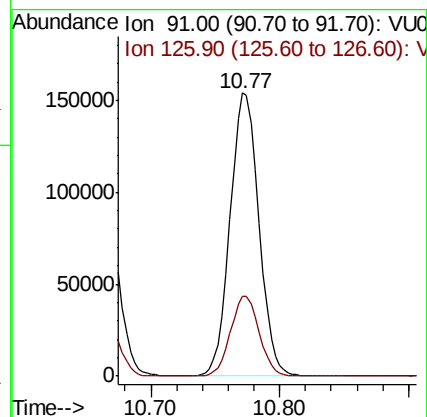
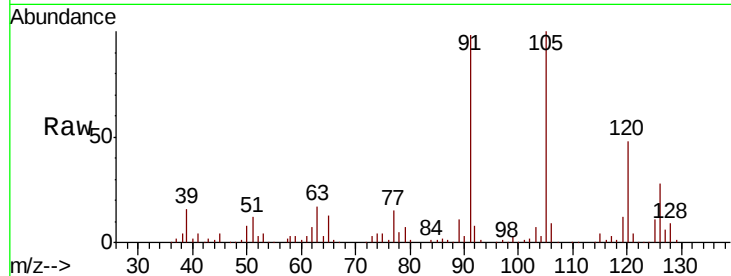
126 28.3 14.1 42.2

Manual Integrations

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#83

tert-Butylbenzene

Concen: 53.236 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

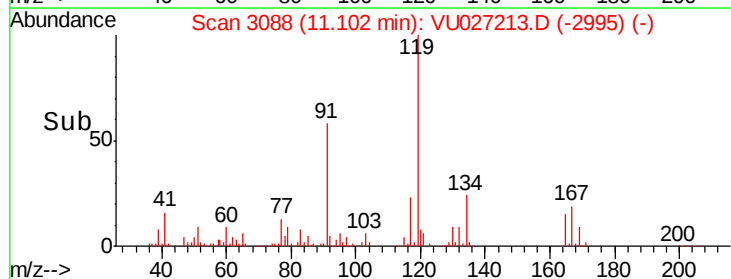
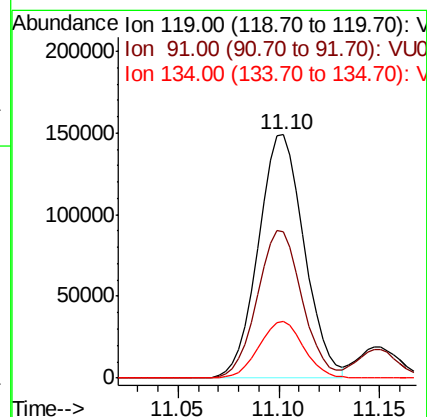
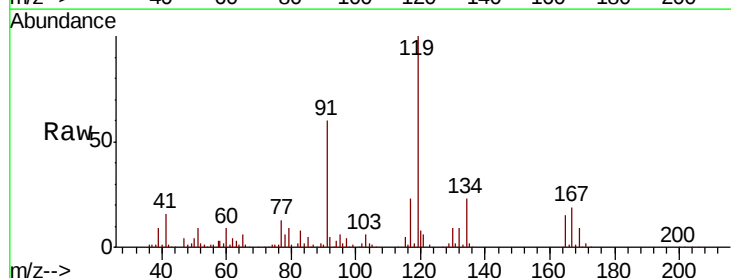
Tgt Ion: 119 Resp: 236634

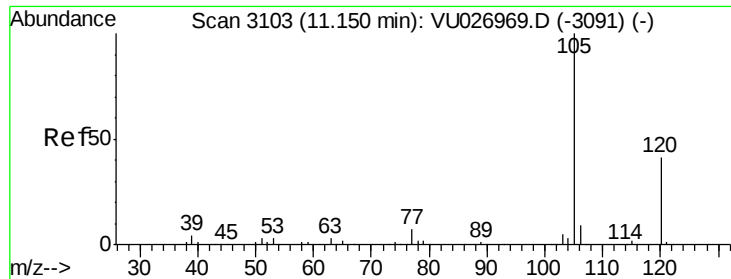
Ion Ratio Lower Upper

119 100

91 59.1 29.8 89.4

134 22.7 11.5 34.4





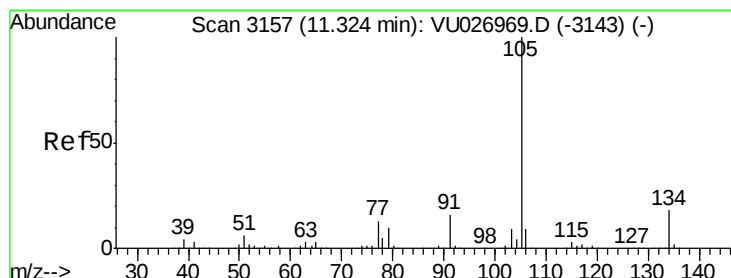
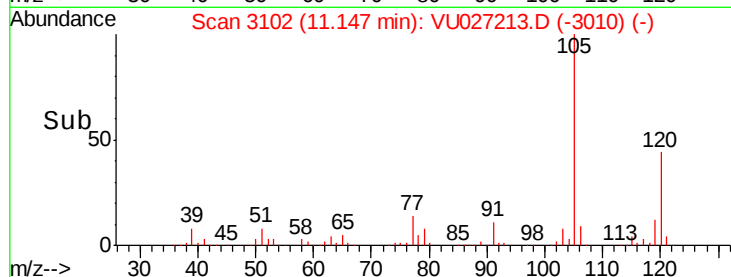
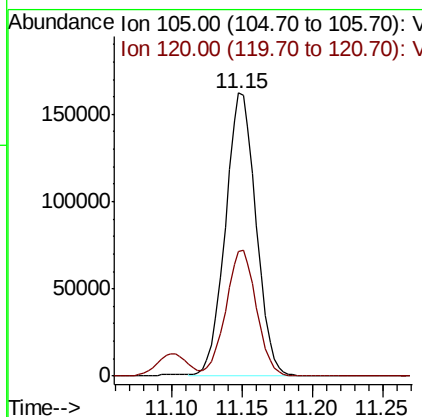
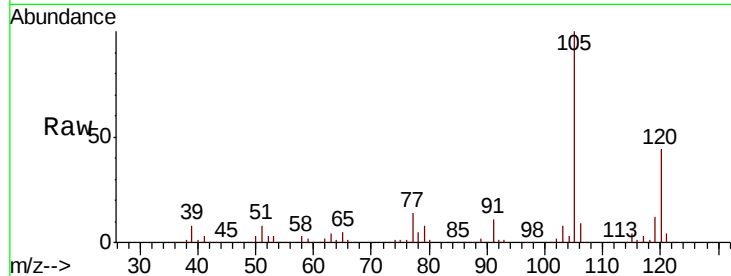
#84
1,2,4-Trimethylbenzene
Concen: 53.621 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.2

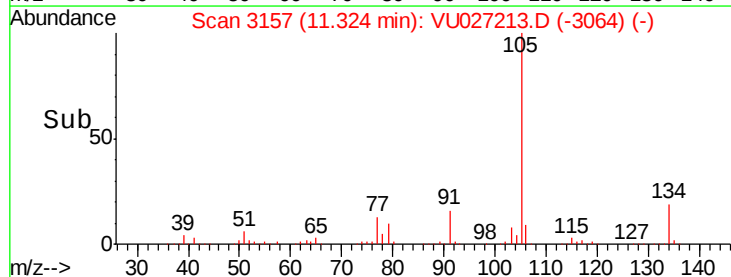
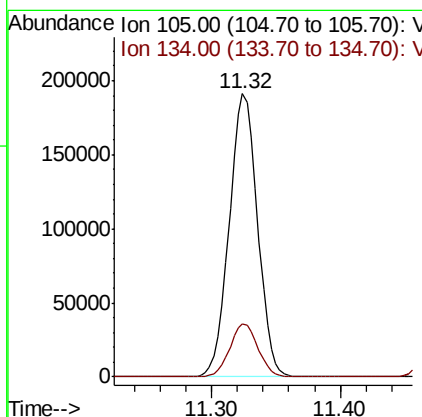
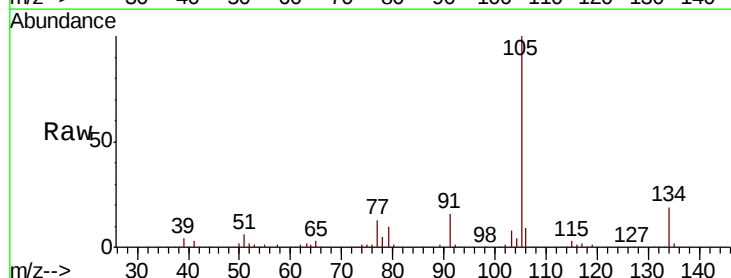
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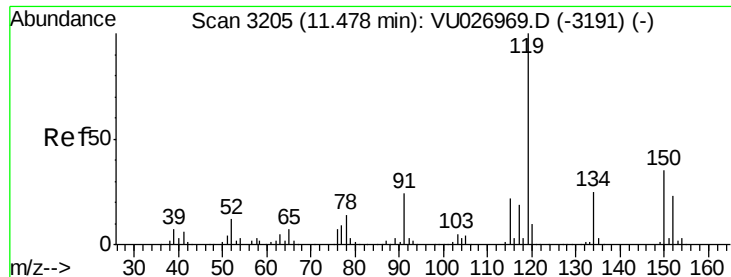
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#85
sec-Butylbenzene
Concen: 53.512 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.4	28.2





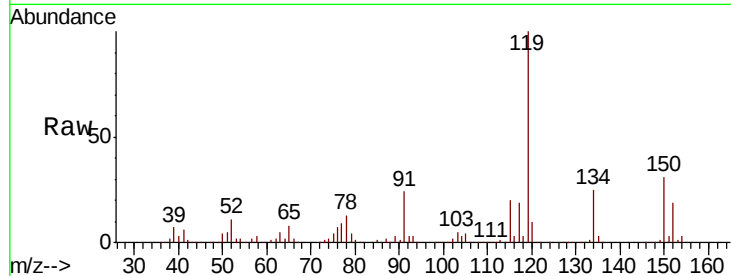
#86
 p-Isopropyltoluene
 Concen: 48.310 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245804		
134	24.9	12.8	38.3	
91	24.4	12.3	36.8	

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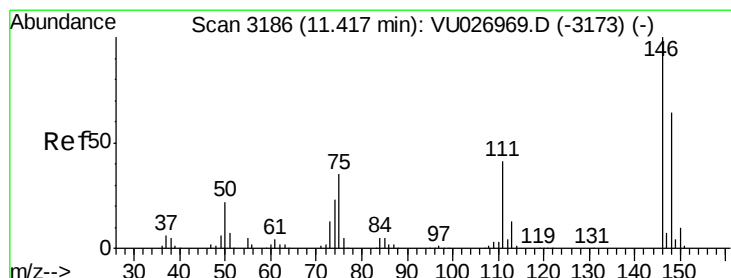
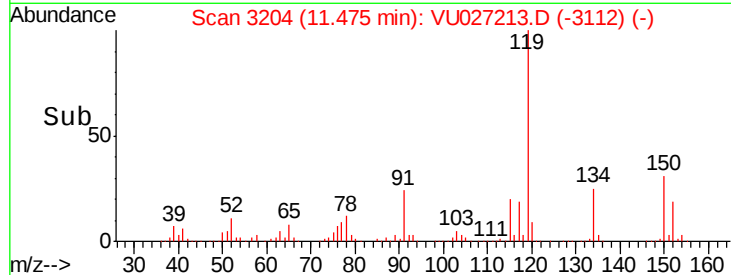
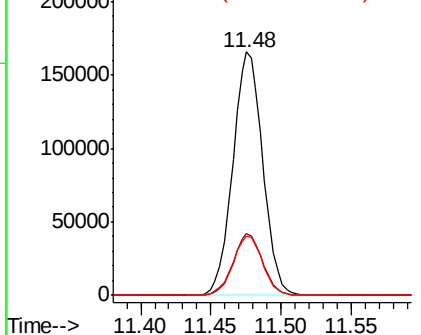


Abundance

Ion 119.00 (118.70 to 119.70): V

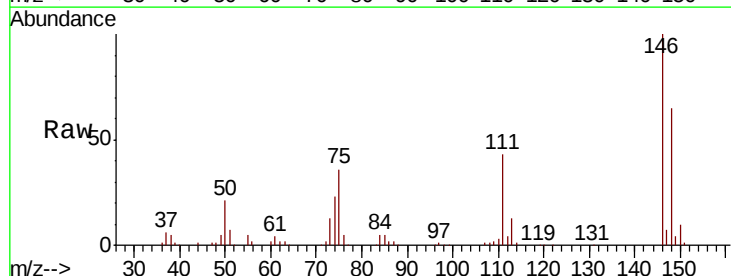
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 50.210 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124359		
111	42.4	20.8	62.2	
148	64.2	32.0	96.2	

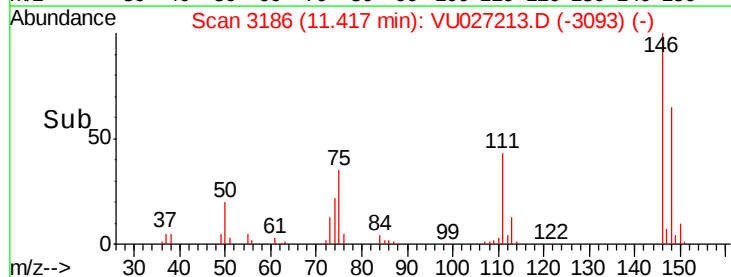
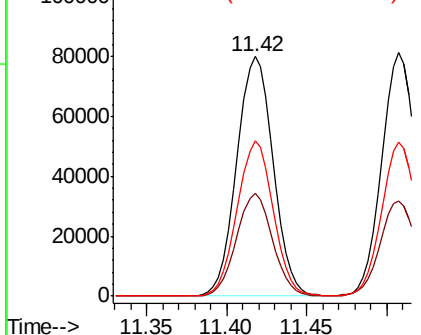


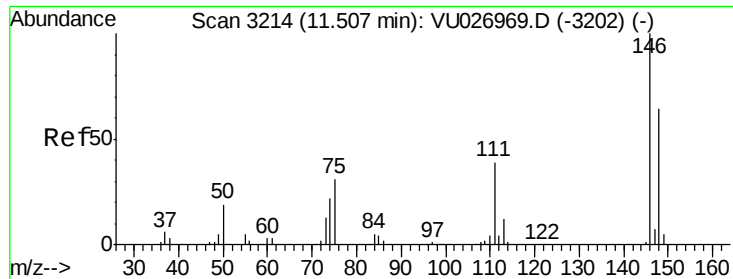
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 46.363 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

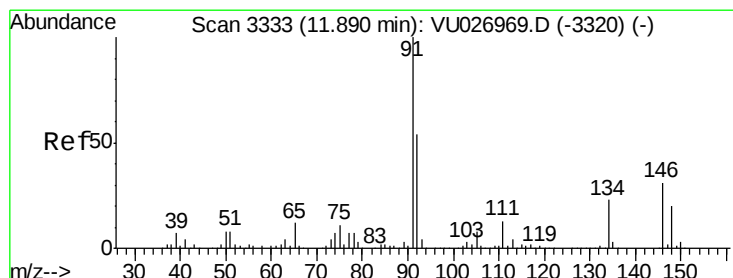
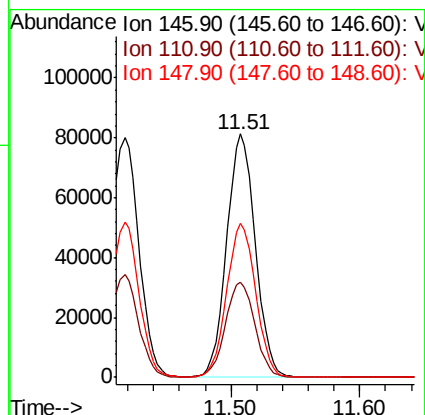
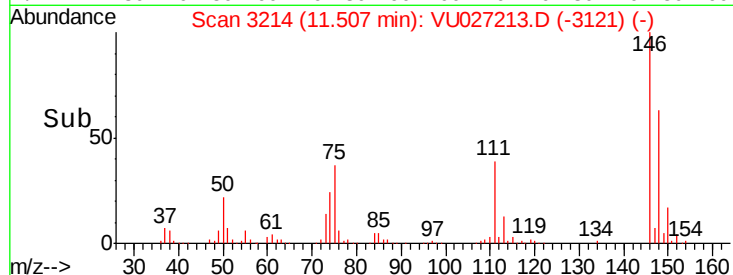
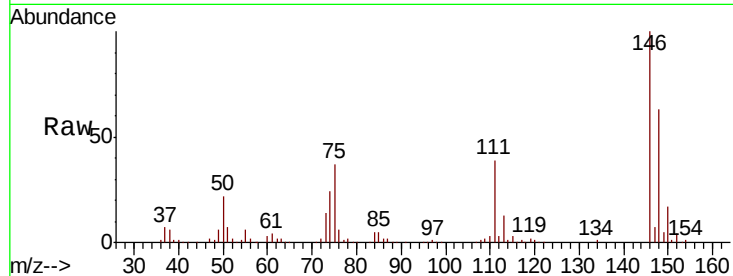
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	146	Resp:	125152
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	60.9
148	64.2	31.9	95.9

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#89

n-Butylbenzene

Concen: 45.254 ug/l

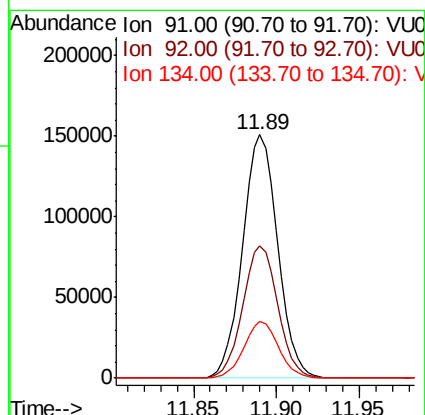
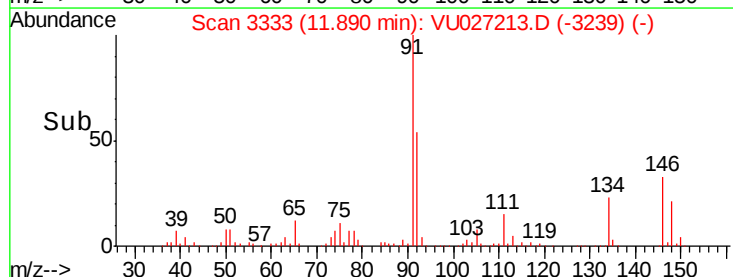
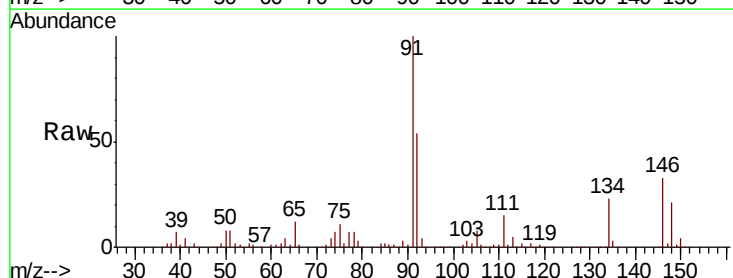
RT: 11.89 min Scan# 3333

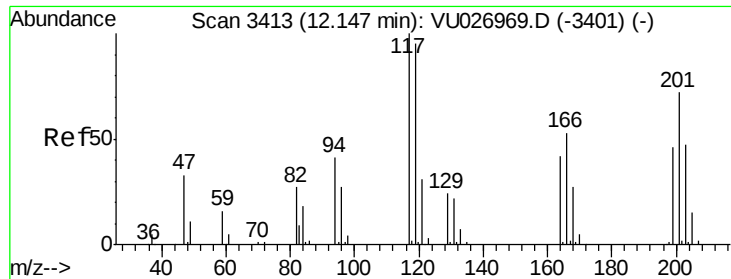
Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion:	91	Resp:	222173
Ion Ratio	Lower	Upper	
91	100		
92	54.3	27.1	81.2
134	22.9	11.7	35.0





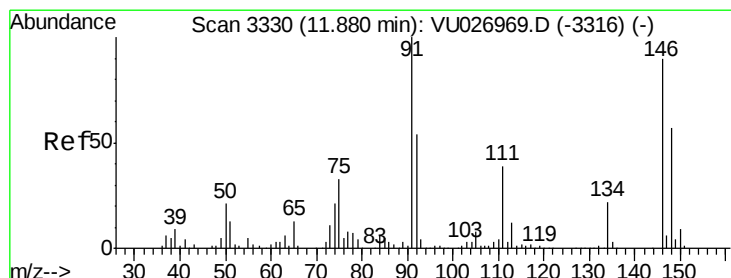
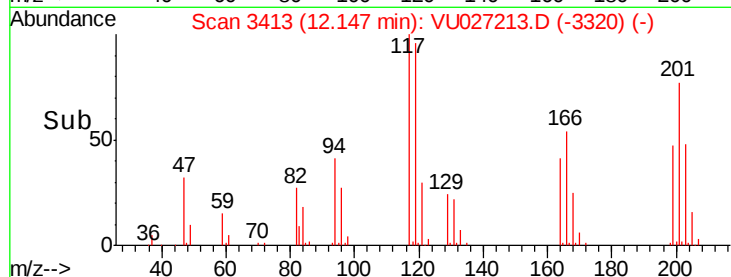
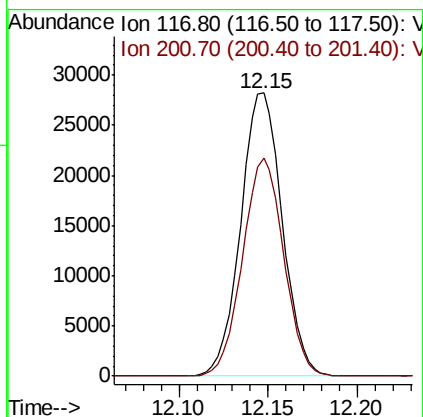
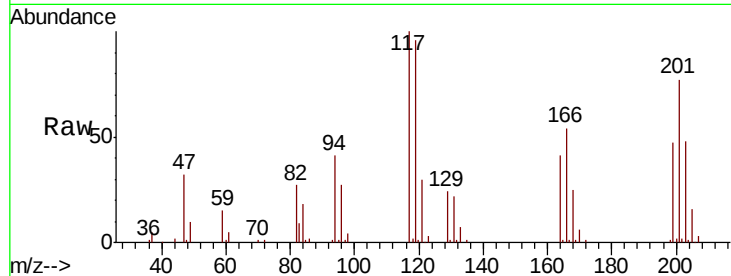
#90
Hexachloroethane
Concen: 46.462 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:117 Resp: 45844
Ion Ratio Lower Upper
117 100
201 76.1 36.8 110.3

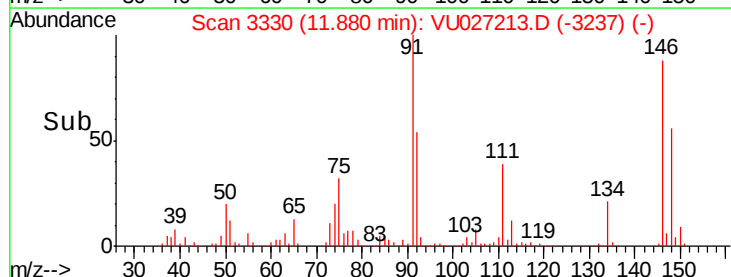
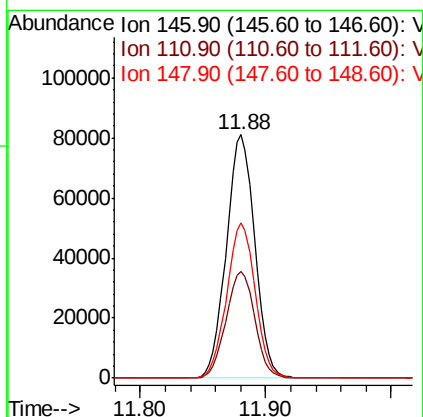
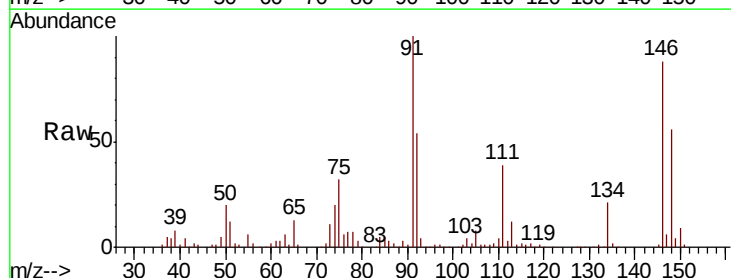
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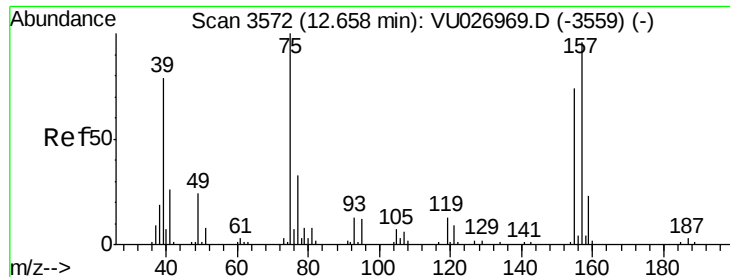
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#91
1,2-Dichlorobenzene
Concen: 48.430 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:146 Resp: 127417
Ion Ratio Lower Upper
146 100
111 44.3 21.8 65.3
148 63.7 31.9 95.7





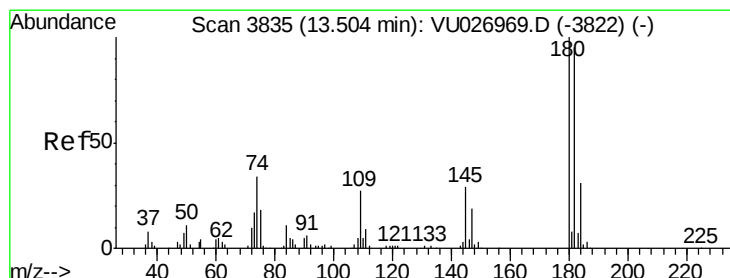
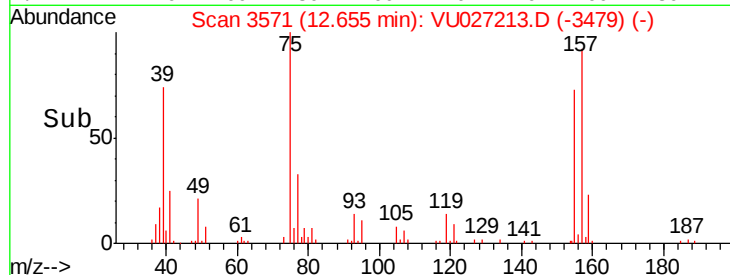
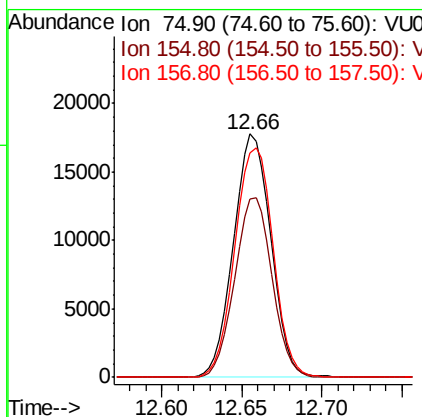
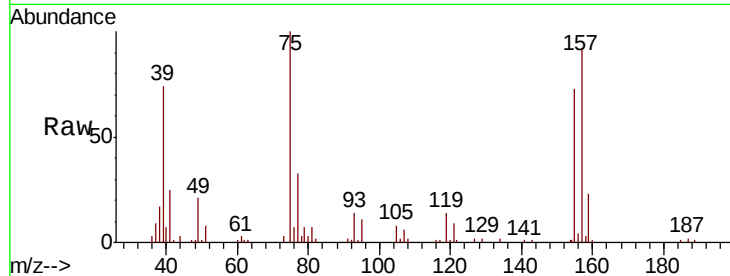
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.450 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	73.3	36.6	109.8
157	96.3	47.4	142.2

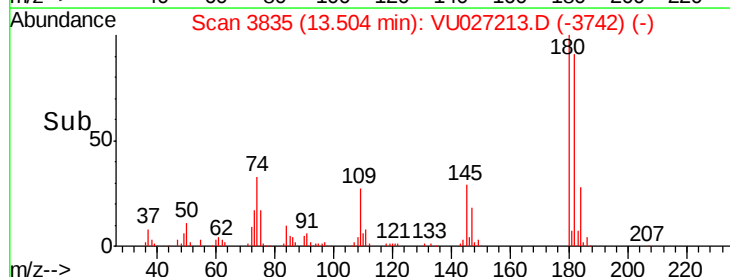
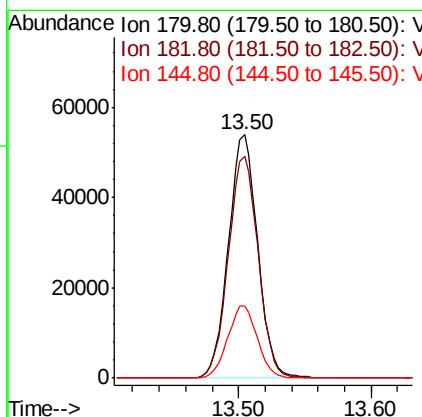
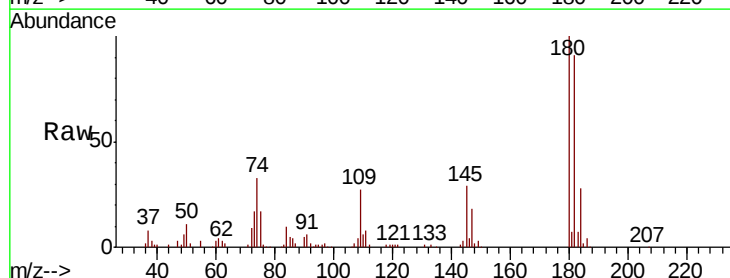
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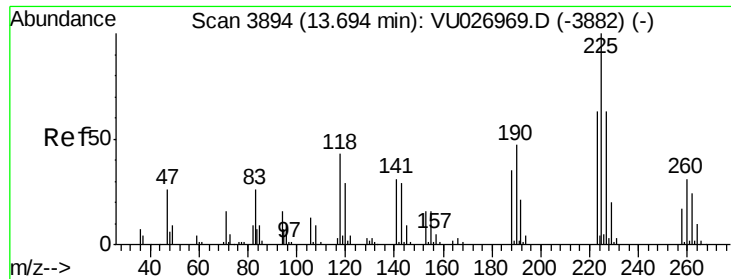
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 54.511 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.2
145	30.0	14.9	44.5





#94

Hexachlorobutadiene

Concen: 45.856 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:225 Resp: 36786

Ion Ratio Lower Upper

225 100

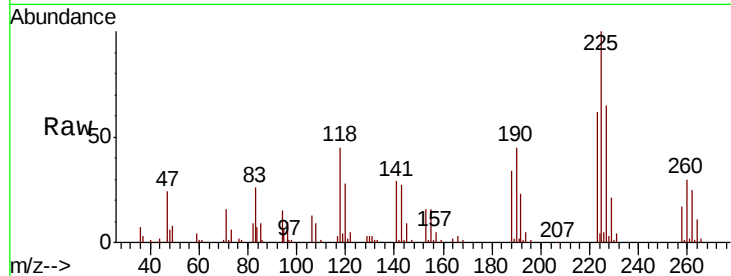
223 63.6 31.9 95.7

227 64.7 32.1 96.5

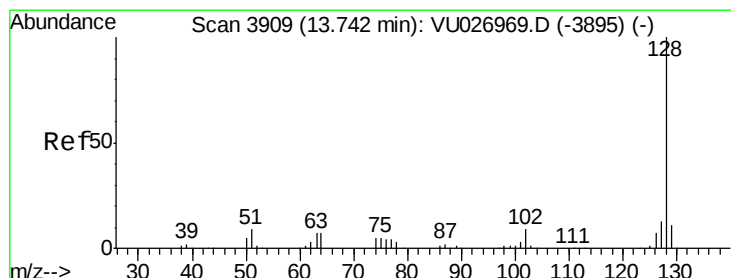
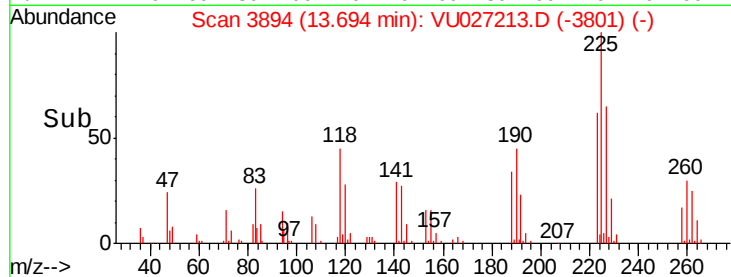
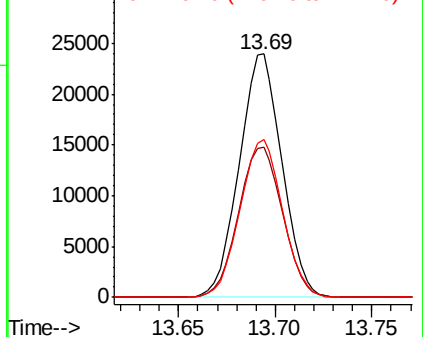
Manual Integrations
APPROVED

MMDadoda

9/27/2018 3:33:26 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: 50.786 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

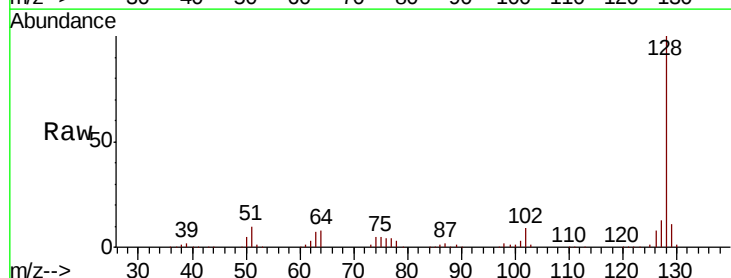
Tgt Ion:128 Resp: 301212

Ion Ratio Lower Upper

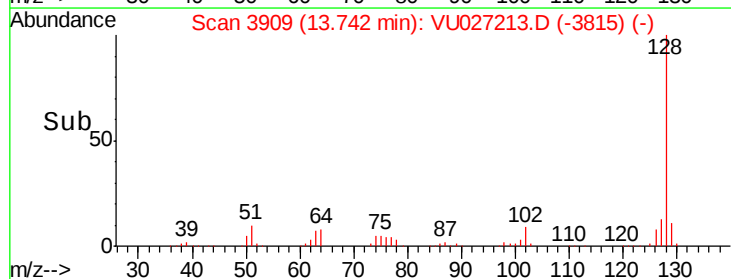
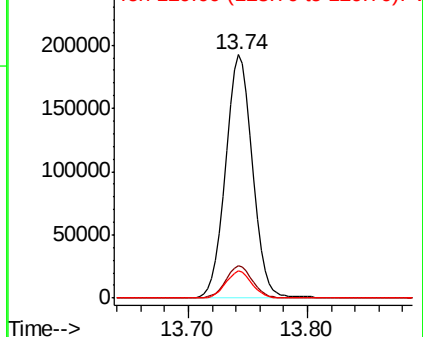
128 100

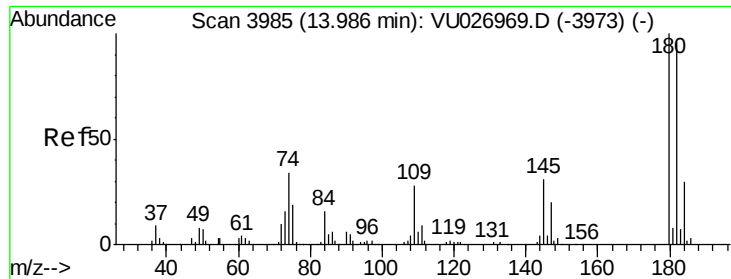
127 13.2 10.6 15.8

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 52.913 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion:	180	Resp:	86029
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.5	142.5
145	31.7	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:26 PM

