

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024752.D
 Acq On : 20 Jun 2018 12:56
 Operator : MD/SY
 Sample : VU0620WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Manual Integrations
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 6/21/2018 1:44:34 PM

Quant Time: Jun 20 15:03:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	174388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263596	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	121565	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
35) Dibromofluoromethane	4.89	113	103054	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	7.57	98	372739	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	10.31	95	140498	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	36795	16.86	ug/l	100
3) Chloromethane	1.33	50	41076	18.42	ug/l	99
4) Vinyl Chloride	1.40	62	41827	18.19	ug/l	98
5) Bromomethane	1.63	94	26805	24.11	ug/l	97
6) Chloroethane	1.70	64	26476	19.97	ug/l	97
7) Trichlorofluoromethane	1.89	101	65680	18.71	ug/l	100
8) Diethyl Ether	2.10	74	25495	20.22	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37759	17.34	ug/l	96
10) Methyl Iodide	2.41	142	32231	20.93	ug/l	95
11) Tert butyl alcohol	2.82	59	59530	85.98	ug/l	100
12) 1,1-Dichloroethene	2.29	96	34267	17.26	ug/l	95
13) Acrolein	2.19	56	31932	87.82	ug/l	98
14) Allyl chloride	2.60	41	59585	16.16	ug/l	98
15) Acrylonitrile	2.94	53	129843	96.38	ug/l	99
16) Acetone	2.32	43	133961	87.58	ug/l	94
17) Carbon Disulfide	2.48	76	105273	16.56	ug/l	98
18) Methyl Acetate	2.62	43	64402	19.64	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133169	17.84	ug/l	99
20) Methylene Chloride	2.71	84	42748	17.81	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	38249	17.49	ug/l	89
22) Diisopropyl ether	3.57	45	134024	18.34	ug/l	95
23) Vinyl Acetate	3.53	43	593999	90.73	ug/l	99
24) 1,1-Dichloroethane	3.45	63	73116	17.39	ug/l	99
25) 2-Butanone	4.26	43	194079	94.46	ug/l	97
26) 2,2-Dichloropropane	4.23	77	66992	16.78	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	44887	17.85	ug/l	97
28) Bromochloromethane	4.55	49	34564	18.66	ug/l	87
29) Tetrahydrofuran	4.64	42	118455	93.10	ug/l	97
30) Chloroform	4.68	83	75654	17.78	ug/l	98
31) Cyclohexane	5.00	56	68666	17.09	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	66890	17.00	ug/l	95
36) 1,1-Dichloropropene	5.14	75	53655	17.32	ug/l	96
37) Ethyl Acetate	4.38	43	67963	20.13	ug/l #	95
38) Carbon Tetrachloride	5.14	117	59434	17.45	ug/l	98

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Quant Time: Jun 20 15:03:02 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	67624	17.49	ug/l	95
40) Benzene	5.39	78	162994	18.47	ug/l	100
41) Methacrylonitrile	4.54	41	37705	20.71	ug/l	97
42) 1,2-Dichloroethane	5.41	62	61293	18.23	ug/l	99
43) Isopropyl Acetate	5.55	43	107543	18.43	ug/l	97
44) Trichloroethene	6.19	130	43442	17.29	ug/l	97
45) 1,2-Dichloropropane	6.44	63	44511	18.90	ug/l	97
46) Dibromomethane	6.56	93	32238	19.49	ug/l	96
47) Bromodichloromethane	6.76	83	59119	17.95	ug/l	97
48) Methyl methacrylate	6.63	41	53974	18.99	ug/l	98
49) 1,4-Dioxane	6.62	88	26801	482.29	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	357393	97.48	ug/l	97
52) Toluene	7.64	92	106458	18.75	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	65725	17.77	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	68495	17.38	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	44577	19.31	ug/l	99
56) Ethyl methacrylate	8.02	69	74722	19.34	ug/l	98
57) 1,3-Dichloropropane	8.25	76	75014	19.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	127244	85.97	ug/l	94
59) 2-Hexanone	8.36	43	287920	96.19	ug/l	99
60) Dibromochloromethane	8.48	129	50043	17.39	ug/l	98
61) 1,2-Dibromoethane	8.59	107	47149	18.35	ug/l	96
64) Tetrachloroethene	8.23	164	40367	17.26	ug/l	99
65) Chlorobenzene	9.12	112	117542	18.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	44976	18.83	ug/l	99
67) Ethyl Benzene	9.25	91	200530	18.19	ug/l	98
68) m/p-Xylenes	9.38	106	158010	37.33	ug/l	94
69) o-Xylene	9.78	106	78750	18.80	ug/l	94
70) Styrene	9.80	104	125494	18.23	ug/l	100
71) Bromoform	9.96	173	40089	17.66	ug/l #	99
73) Isopropylbenzene	10.17	105	208399	18.78	ug/l	100
74) N-amyl acetate	10.01	43	96698	18.32	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	74432	20.02	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	61733m	19.40	ug/l	
77) Bromobenzene	10.45	156	53879	19.18	ug/l	93
78) n-propylbenzene	10.59	91	233468	17.86	ug/l	97
79) 2-Chlorotoluene	10.66	91	140114	18.18	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	177714	18.48	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	21527m	15.66	ug/l	
82) 4-Chlorotoluene	10.78	91	160574	17.90	ug/l	99
83) tert-Butylbenzene	11.10	119	177544	19.19	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	181019	18.47	ug/l	100
85) sec-Butylbenzene	11.33	105	209986	18.13	ug/l	98
86) p-Isopropyltoluene	11.48	119	183570	17.70	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	95350	18.37	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	96079	18.39	ug/l	99
89) n-Butylbenzene	11.89	91	153427	16.66	ug/l	97
90) Hexachloroethane	12.15	117	32211	15.92	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	98077	18.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19670	19.17	ug/l	96

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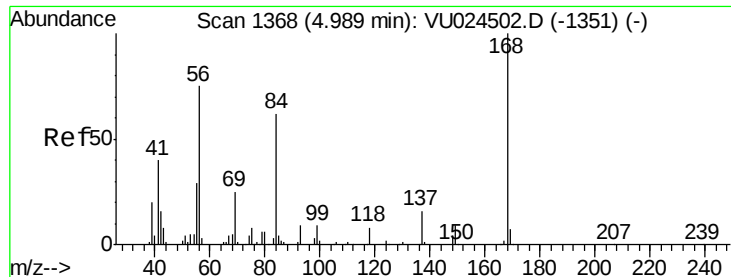
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Quant Time: Jun 20 15:03:02 2018
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	66189	20.62	ug/l	98
94) Hexachlorobutadiene	13.70	225	32076	17.75	ug/l	98
95) Naphthalene	13.75	128	224065	21.48	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	68027	21.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion:168 Resp: 174388

Ion Ratio Lower Upper

168 100

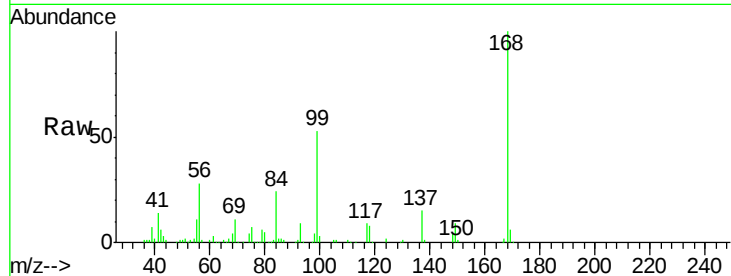
99 52.7 43.2 64.8

Manual Integrations

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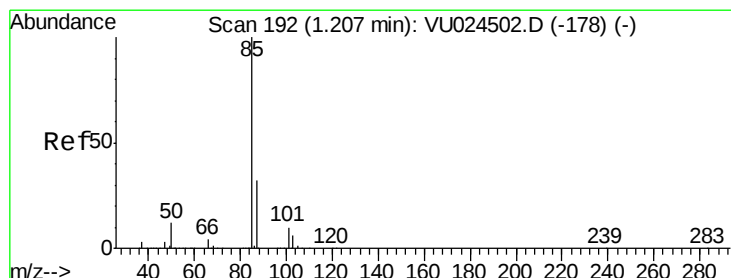
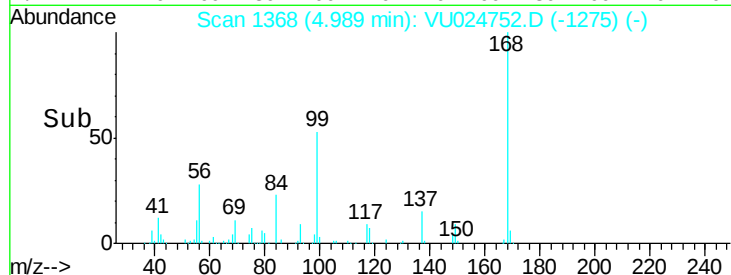
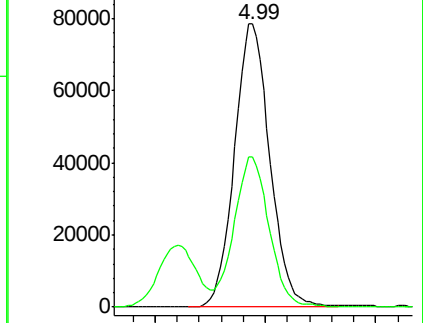
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 16.86 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024752.D

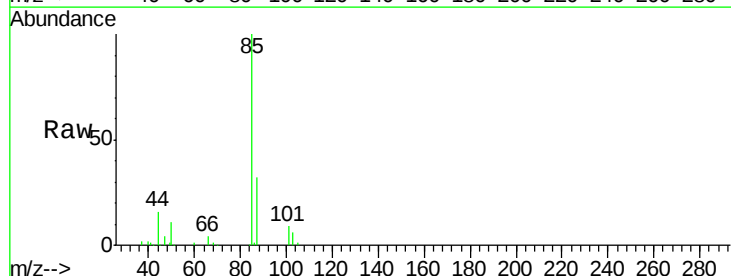
Acq: 20 Jun 2018 12:56

Tgt Ion: 85 Resp: 36795

Ion Ratio Lower Upper

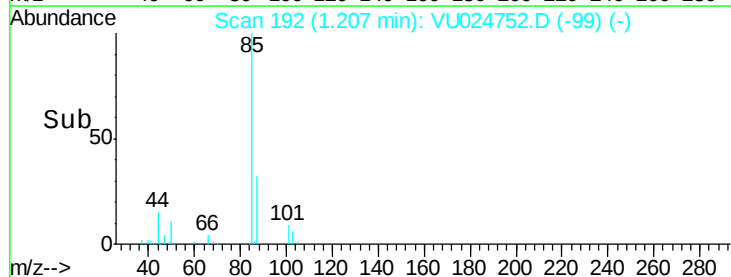
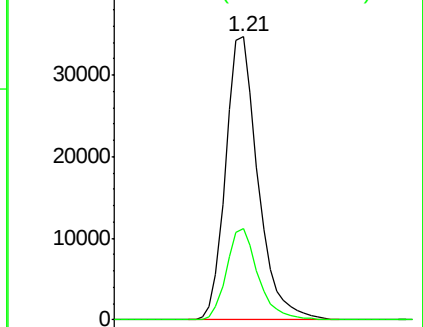
85 100

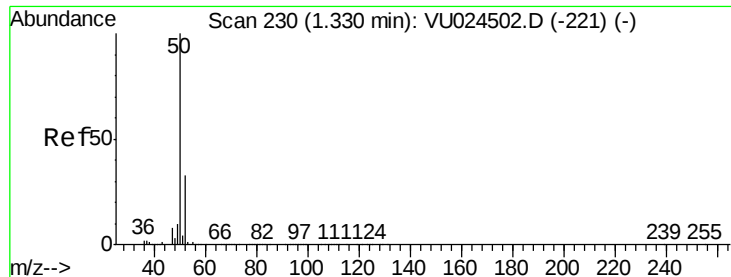
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 18.42 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 50 Resp: 41076

Ion Ratio Lower Upper

50 100

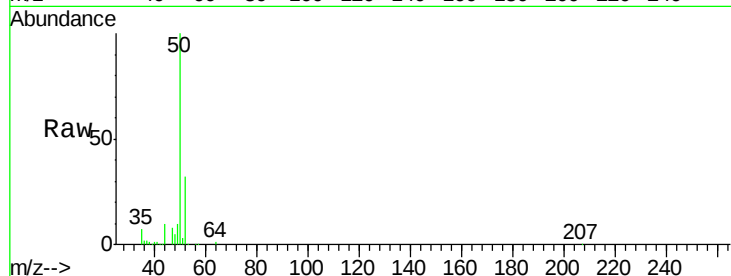
52 32.3 26.4 39.6

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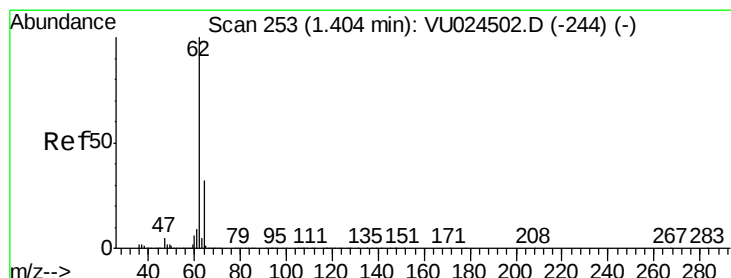
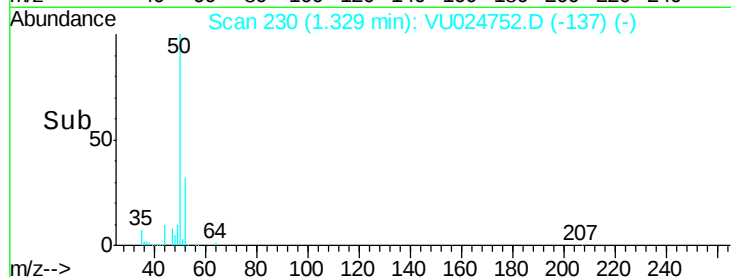
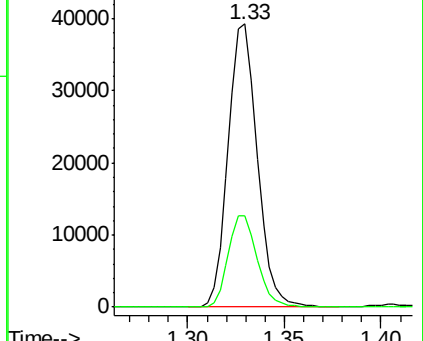
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.19 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024752.D

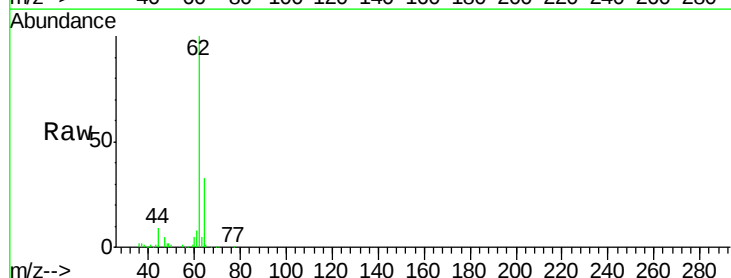
Acq: 20 Jun 2018 12:56

Tgt Ion: 62 Resp: 41827

Ion Ratio Lower Upper

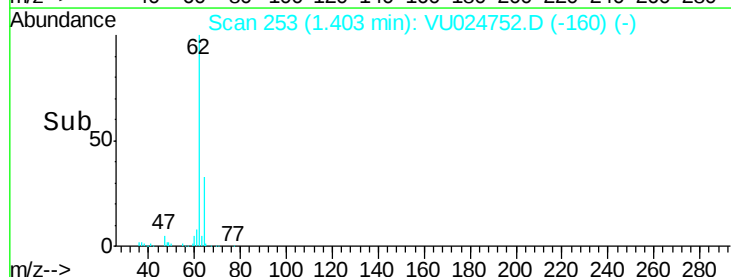
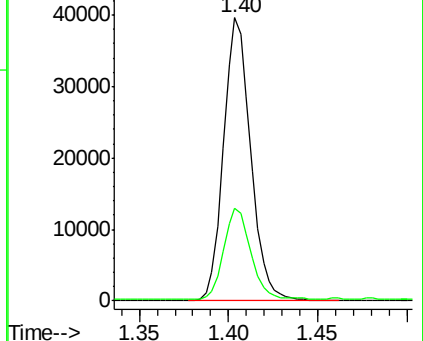
62 100

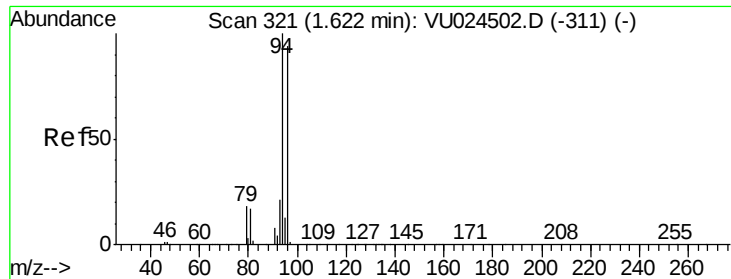
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 24.11 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 94 Resp: 26805

Ion Ratio Lower Upper

94 100

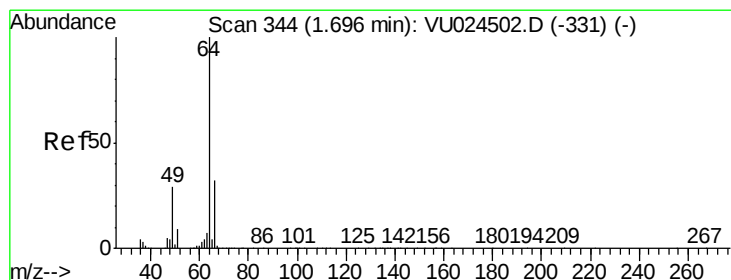
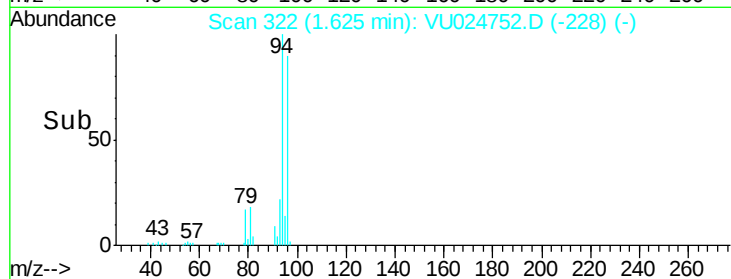
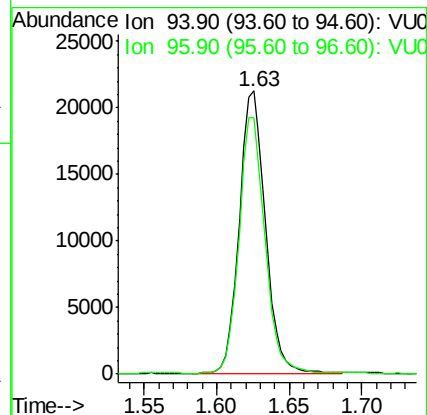
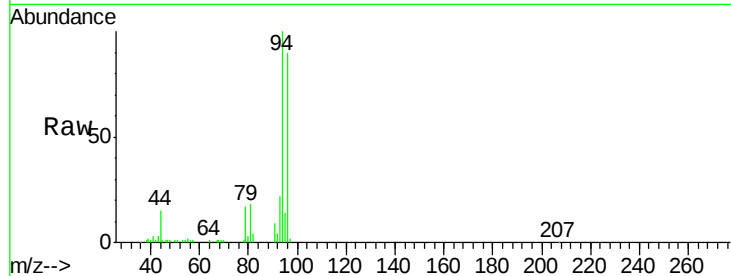
96 90.4 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 19.97 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024752.D

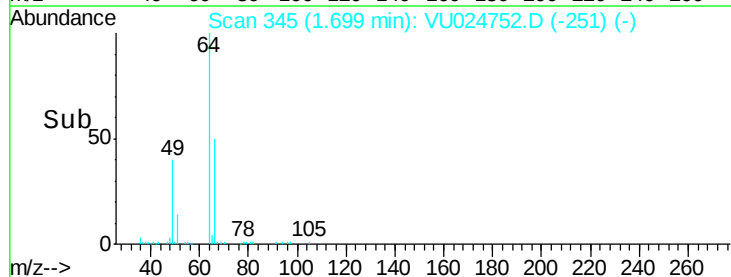
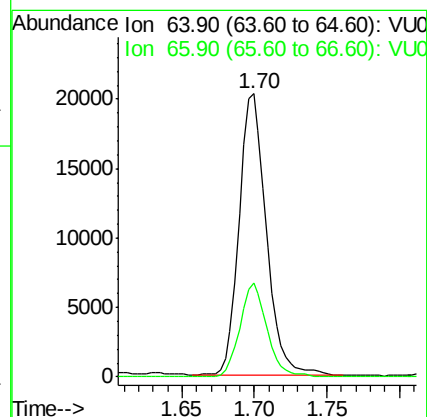
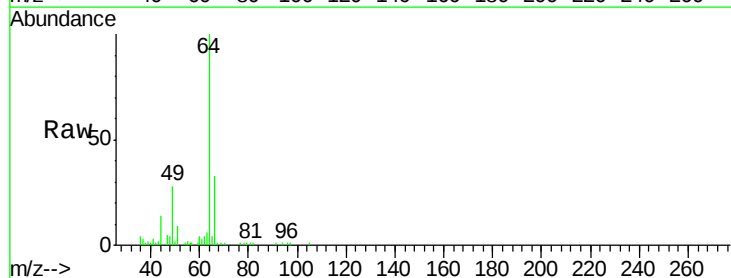
Acq: 20 Jun 2018 12:56

Tgt Ion: 64 Resp: 26476

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3





#7

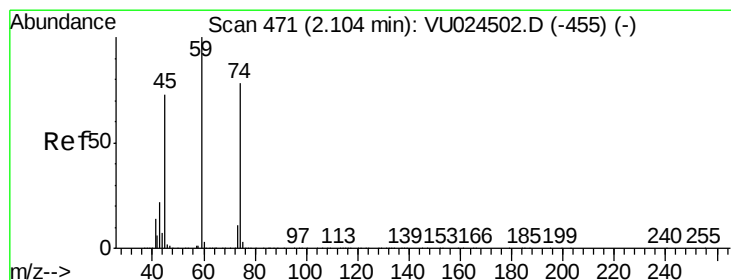
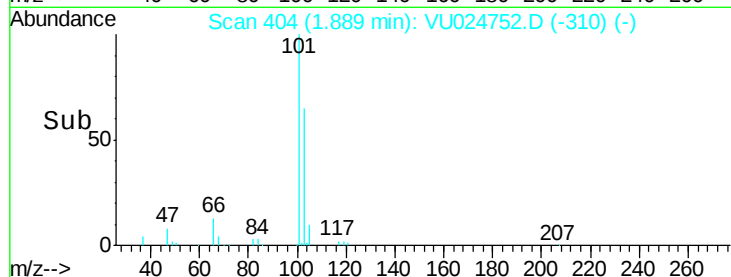
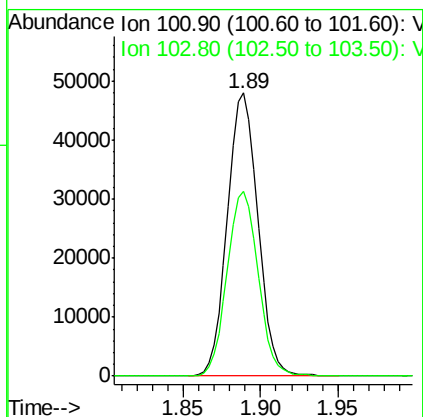
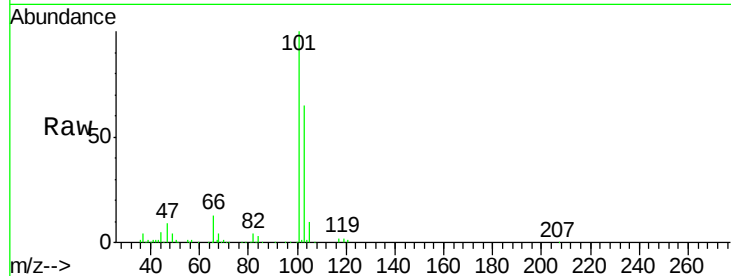
Trichlorofluoromethane
Concen: 18.71 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
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ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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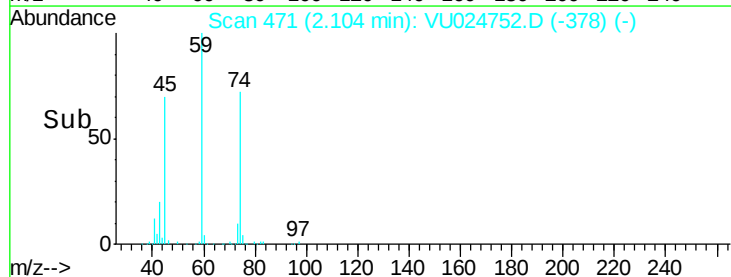
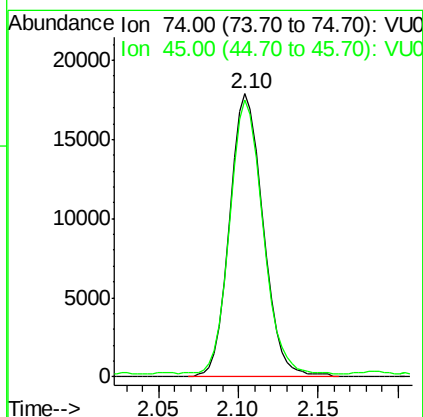
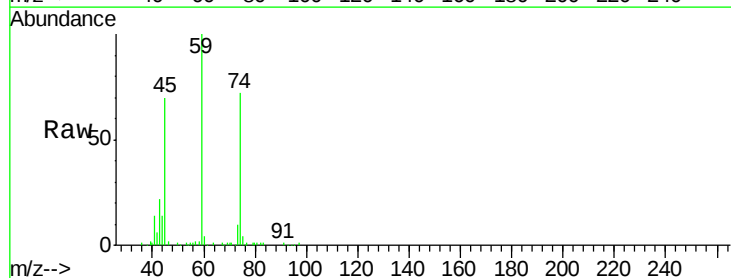
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#8

Diethyl Ether
Concen: 20.22 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.34 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

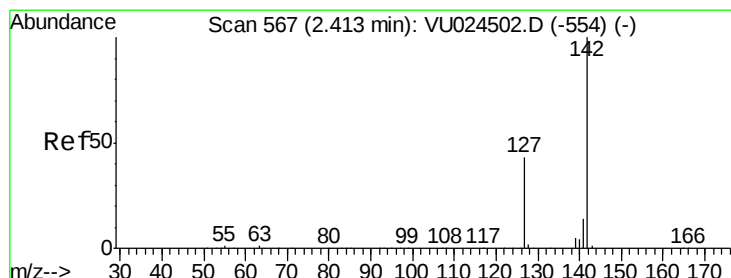
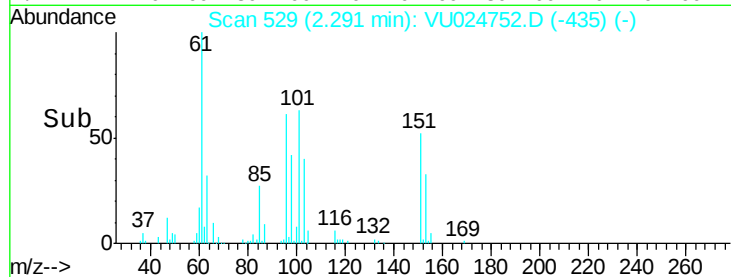
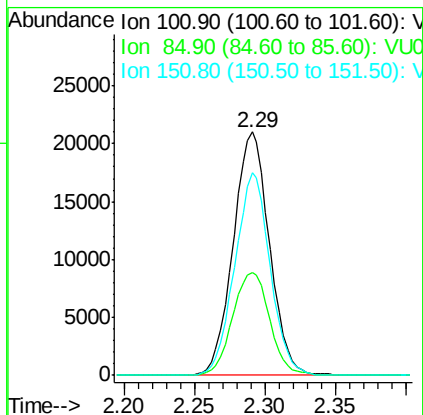
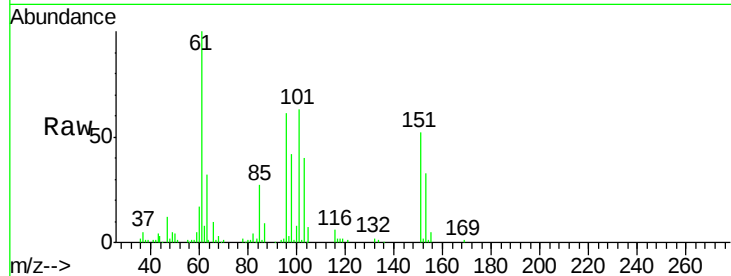
ClientSampleId :

VU0620WBS01

Tot Ion:	101	Resp:	37759
Ion Ratio	Lower	Upper	
101	100		
85	43.1	36.0	54.0
151	81.3	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.93 ug/l

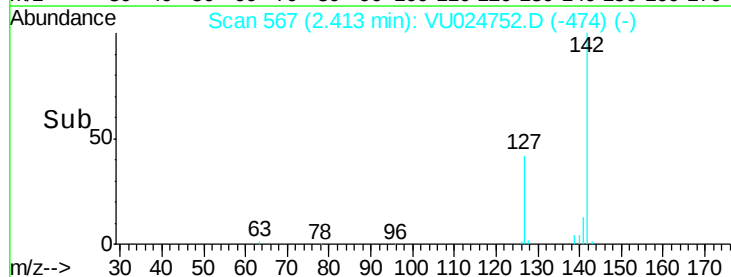
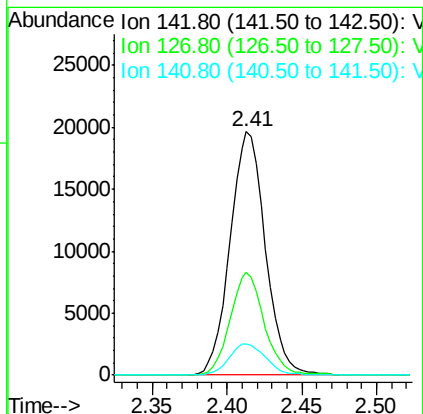
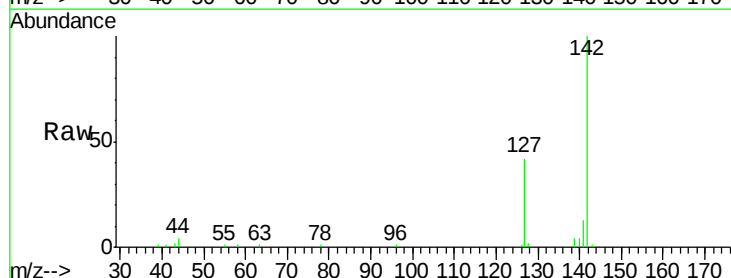
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	142	Resp:	32231
Ion Ratio	Lower	Upper	
142	100		
127	40.6	35.6	53.4
141	13.3	11.7	17.5





#11

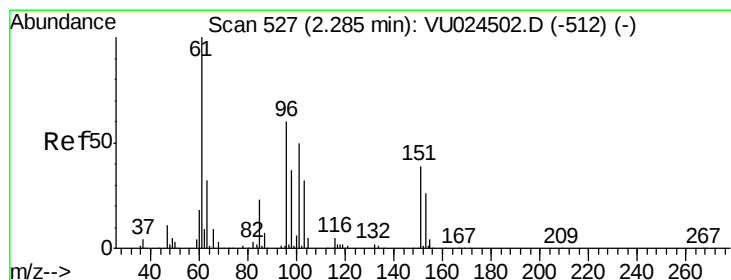
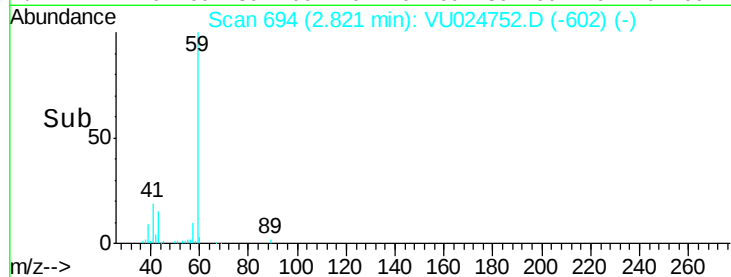
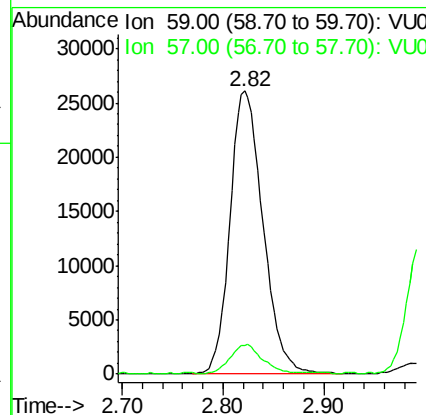
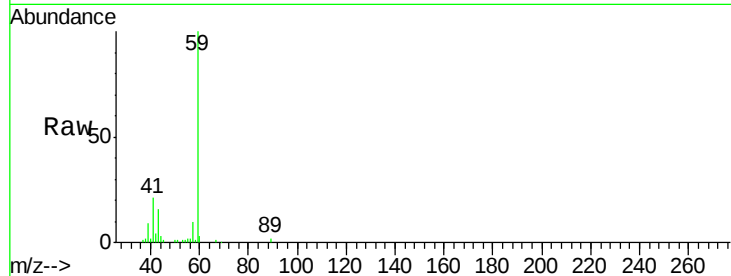
Tert butyl alcohol
 Concen: 85.98 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

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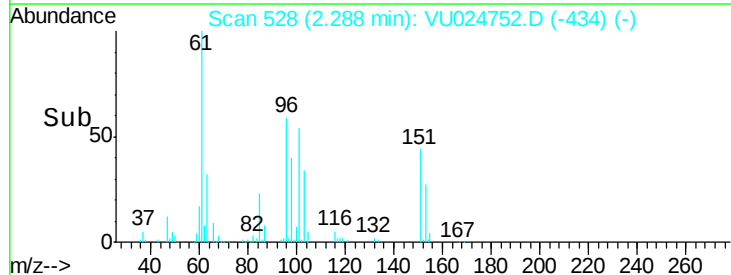
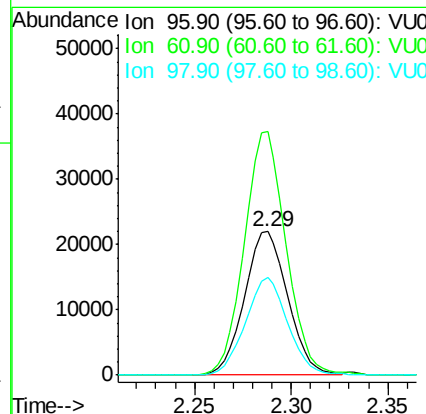
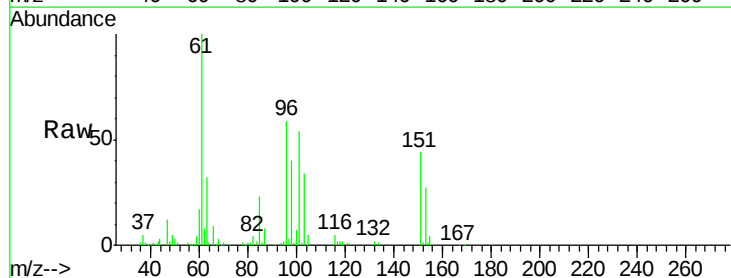
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#12

1,1-Dichloroethene
 Concen: 17.26 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.6	141.7	212.5
98	67.3	51.6	77.4





#13

Acrolein

Concen: 87.82 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 56 Resp: 31932

Ion Ratio Lower Upper

56 100

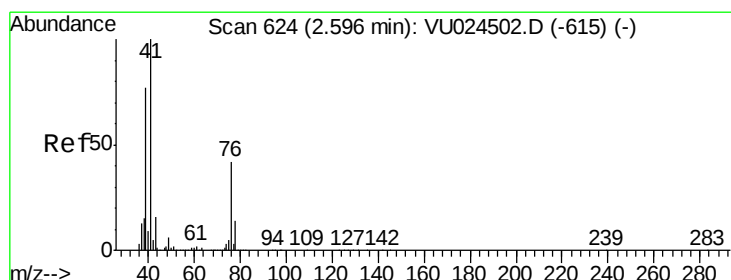
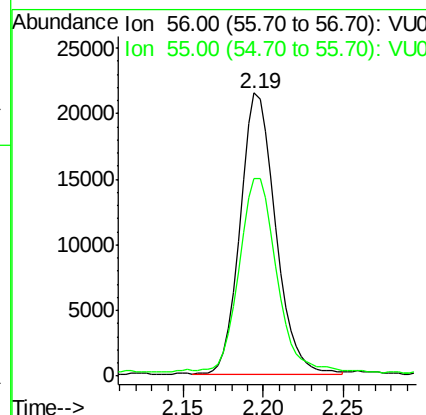
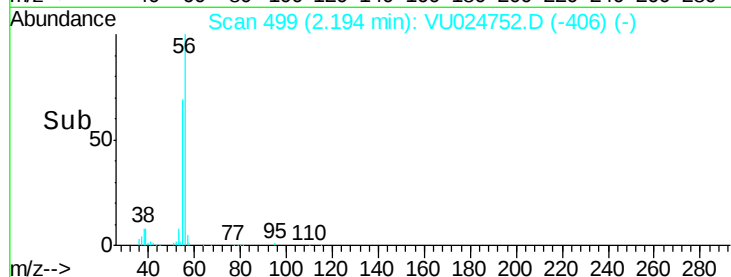
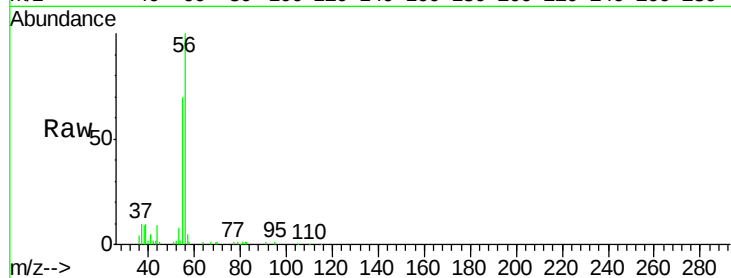
55 74.8 58.4 87.6

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#14

Allyl chloride

Concen: 16.16 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

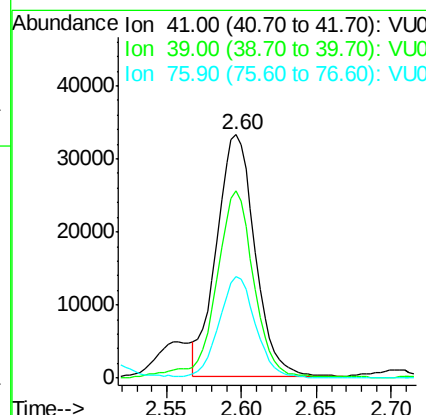
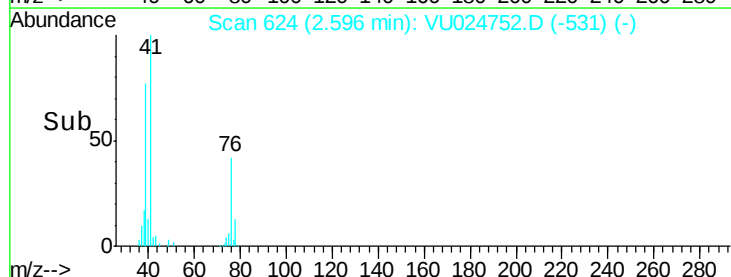
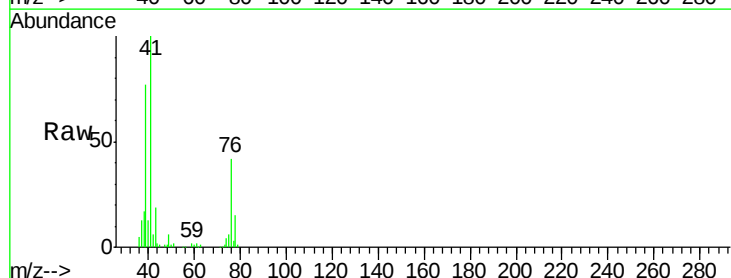
Tgt Ion: 41 Resp: 59585

Ion Ratio Lower Upper

41 100

39 76.0 61.6 92.4

76 40.1 29.7 44.5





#15

Acrylonitrile

Concen: 96.38 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

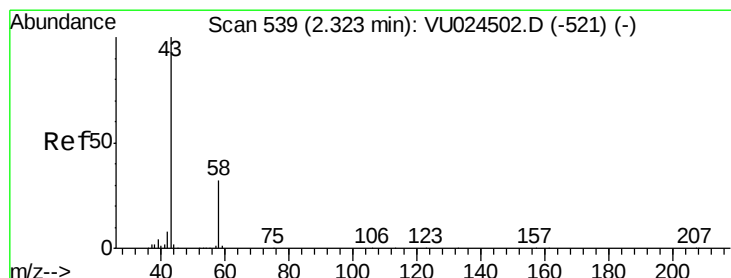
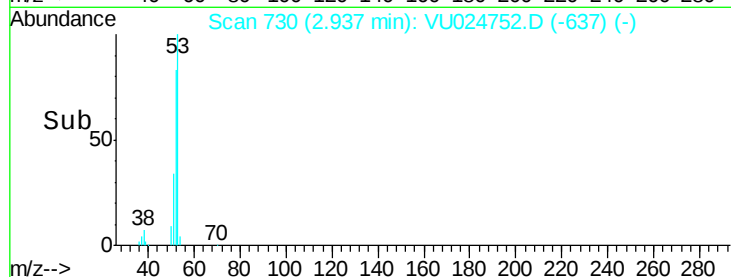
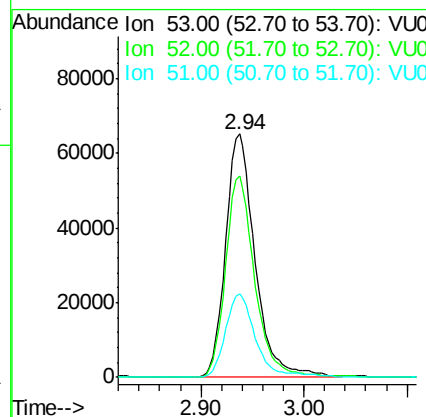
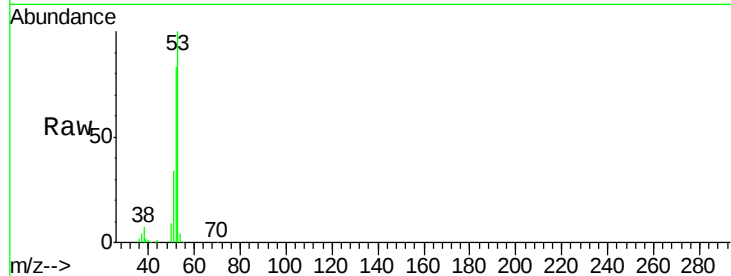
ClientSampleId :

VU0620WBS01

Tot Ion:	53	Resp:	129843
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.1	100.7
51	35.4	28.4	42.6

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#16

Acetone

Concen: 87.58 ug/l

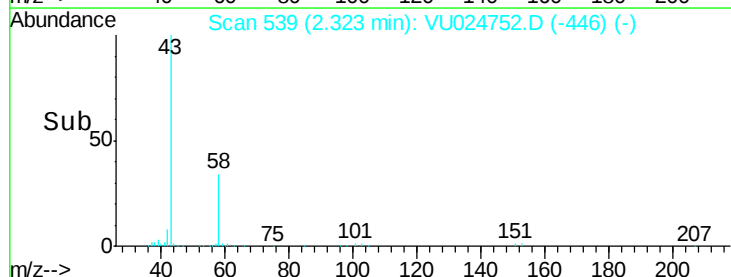
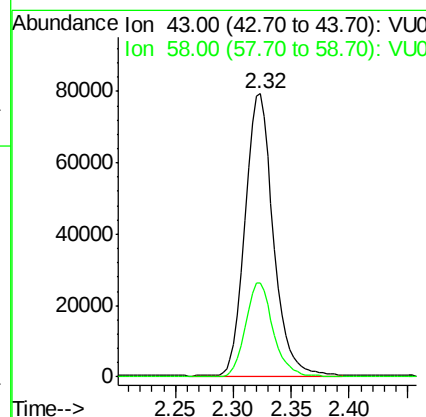
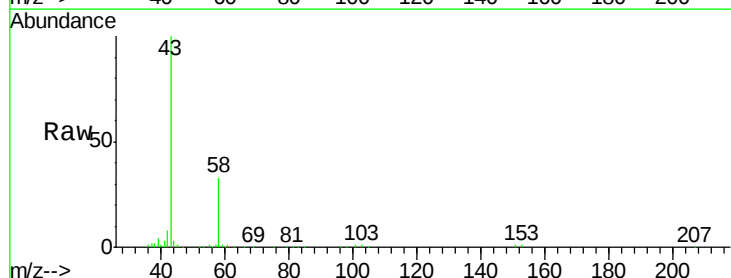
RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	43	Resp:	133961
Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.4	36.6





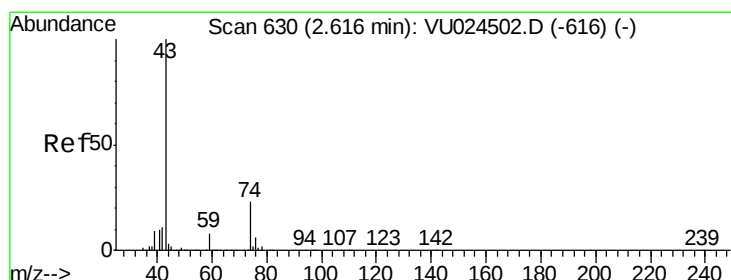
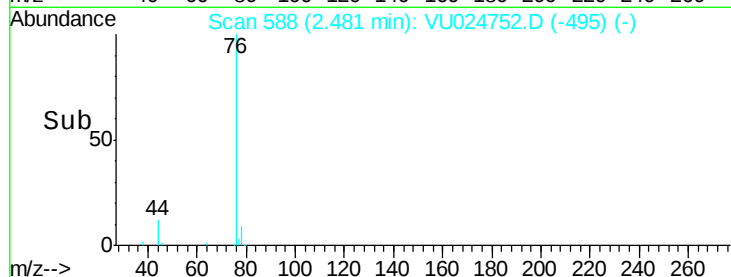
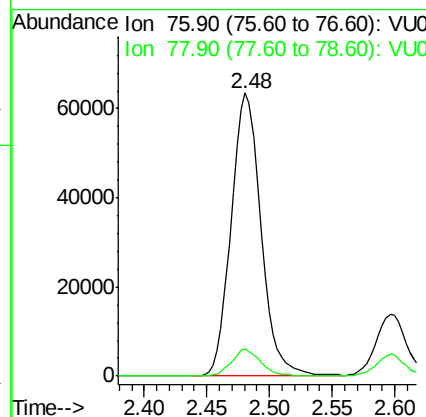
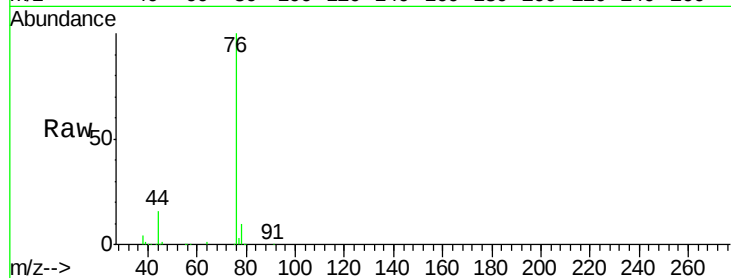
#17
Carbon Disulfide
Concen: 16.56 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

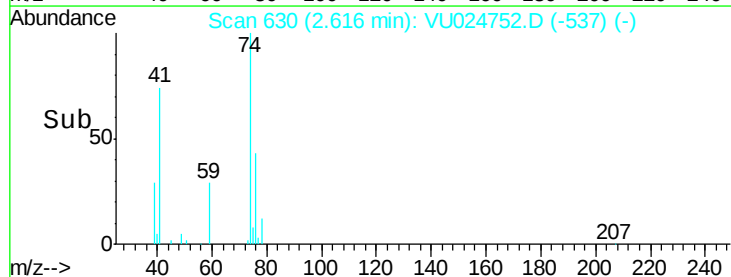
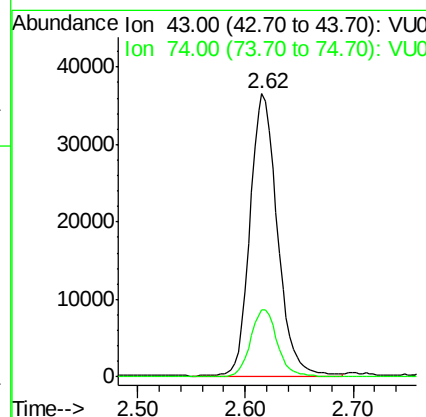
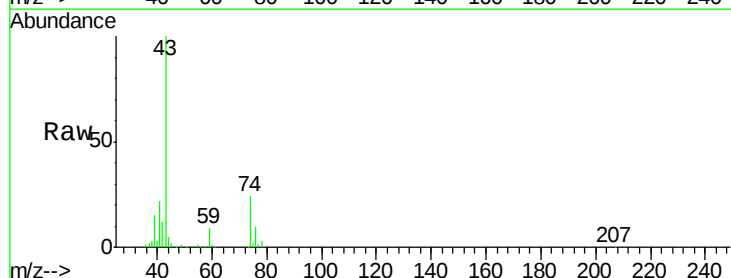
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#18
Methyl Acetate
Concen: 19.64 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





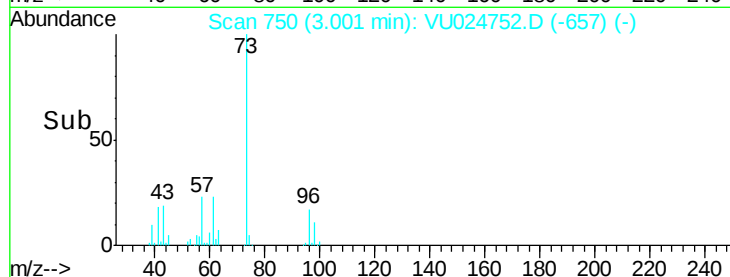
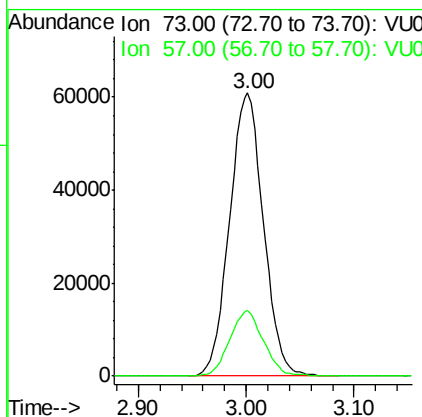
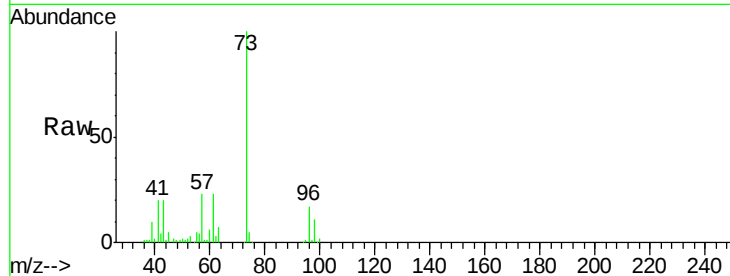
#19
Methvl tert-butvl Ether
Concen: 17.84 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.8	28.2

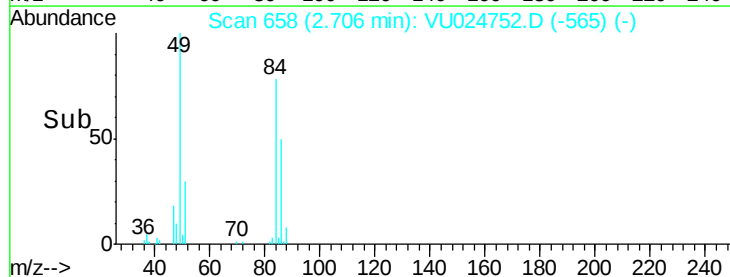
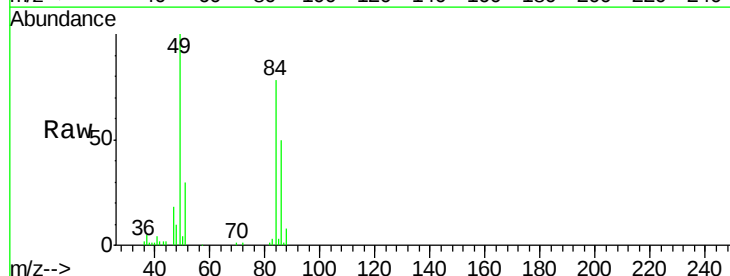
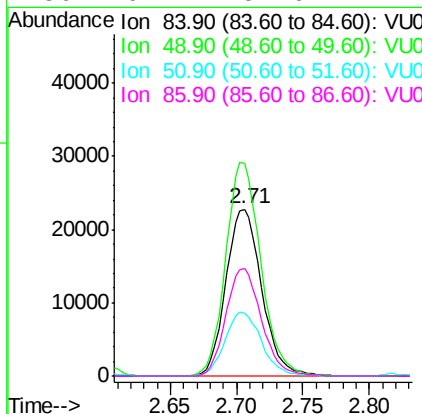
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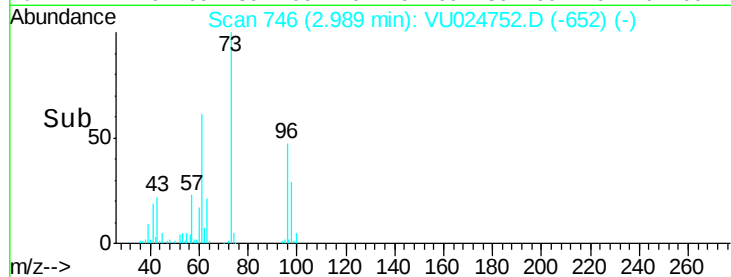
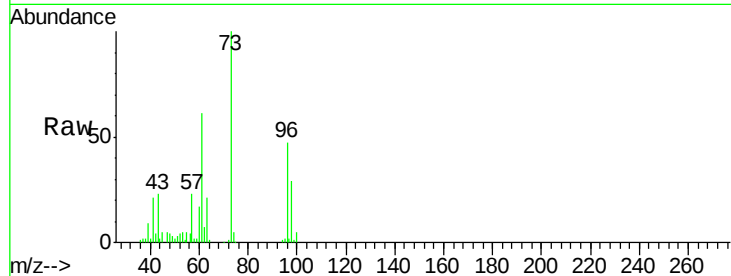
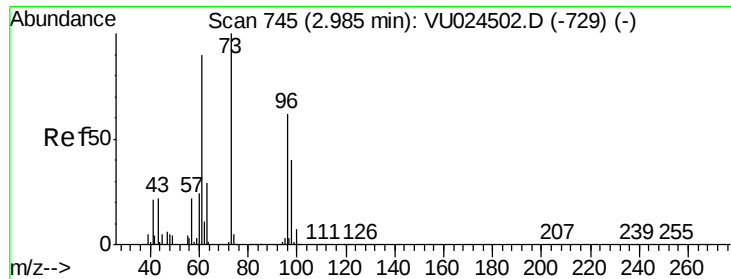
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#20
Methylene Chloride
Concen: 17.81 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.5	103.8	155.8
51	37.8	32.0	48.0
86	64.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.49 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tot Ion:	96	Resp:	38249
Ion Ratio	Lower	Upper	
96	100		
61	130.5	119.4	179.0
98	63.1	51.1	76.7

Instrument :

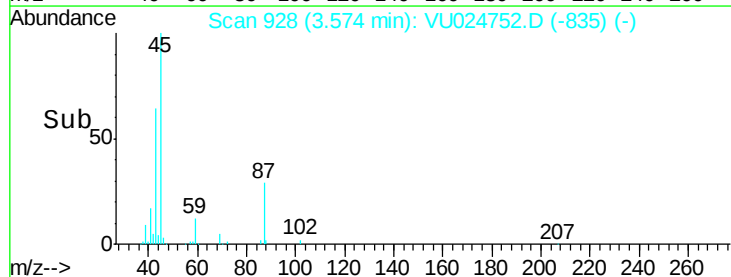
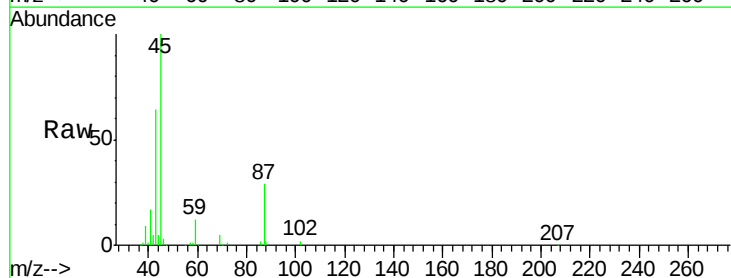
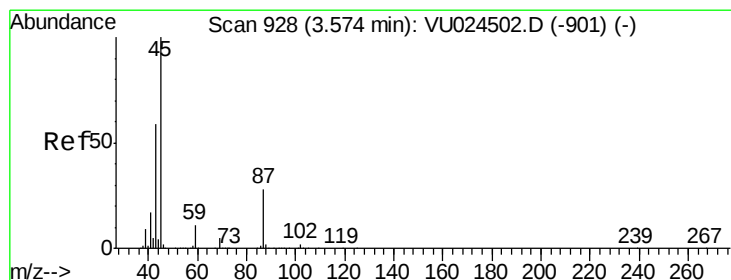
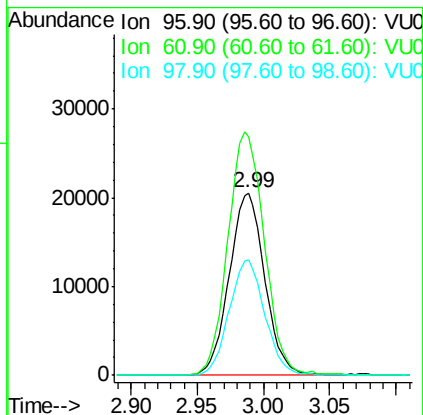
MSVOA_U

ClientSampleId :

VU0620WBS01

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#22

Diisopropyl ether

Concen: 18.34 ug/l

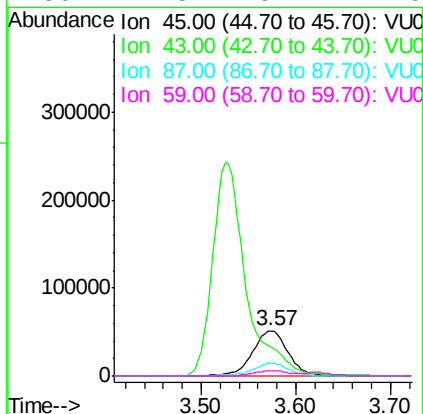
RT: 3.57 min Scan# 928

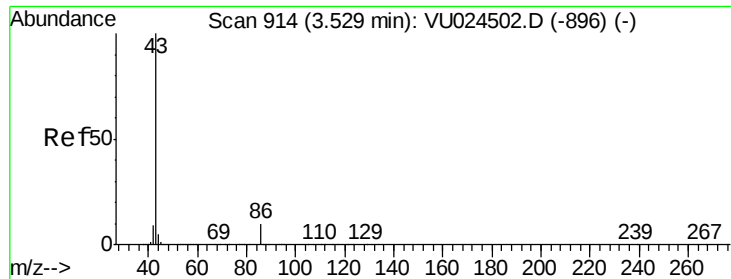
Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	45	Resp:	134024
Ion Ratio	Lower	Upper	
45	100		
43	61.7	45.8	68.6
87	28.6	20.6	31.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 90.73 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tot Ion: 43 Resp: 593999

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

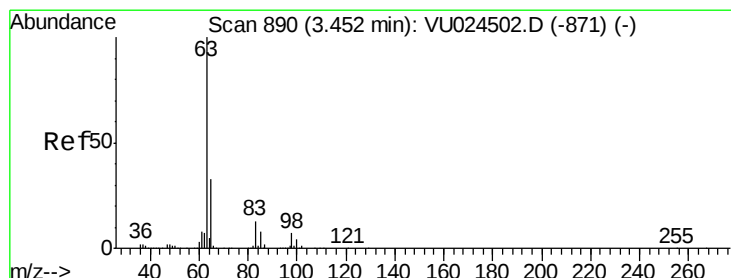
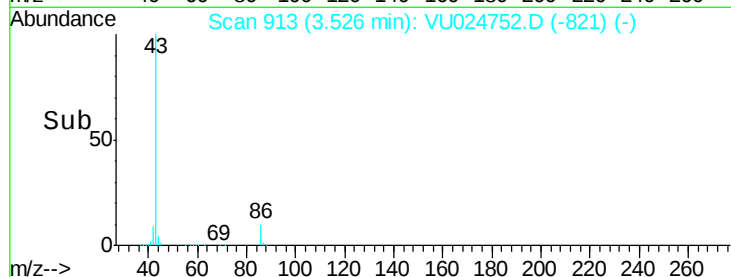
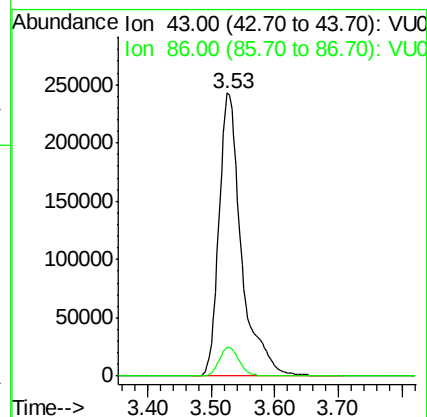
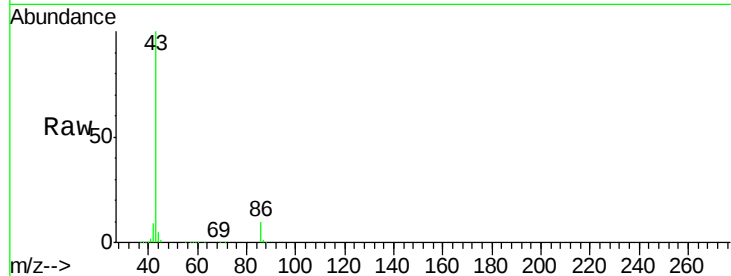
VU0620WBS01

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#24

1,1-Dichloroethane

Concen: 17.39 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

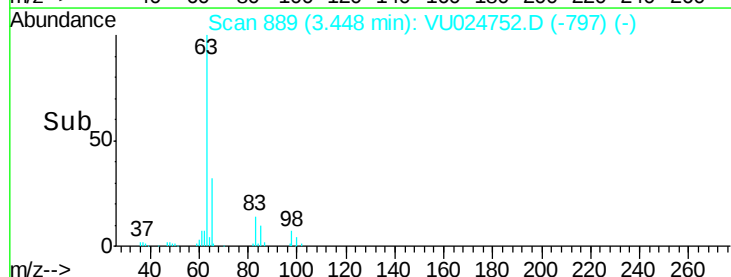
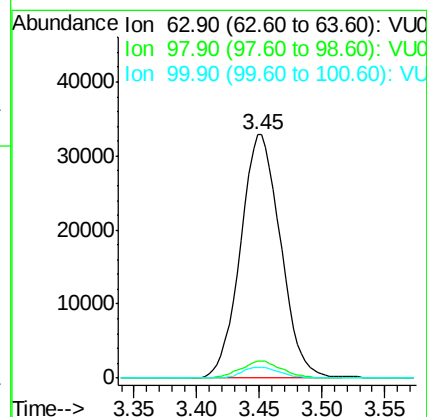
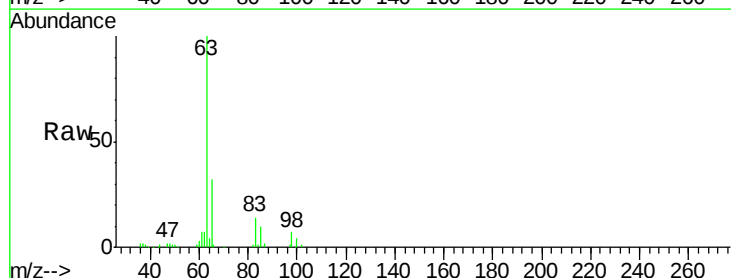
Tgt Ion: 63 Resp: 73116

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 94.46 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 43 Resp: 194079

Ion Ratio Lower Upper

43 100

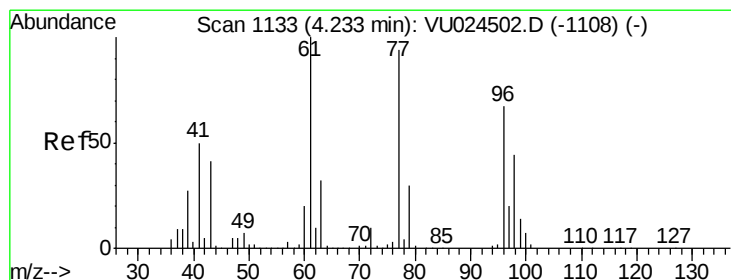
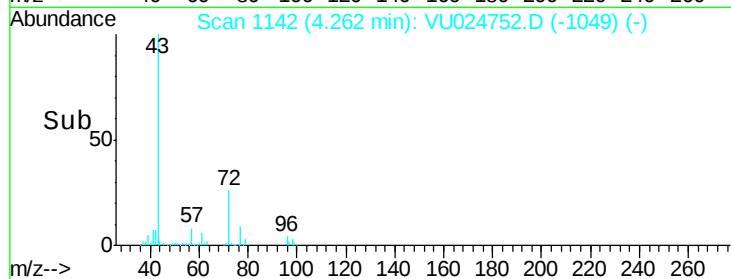
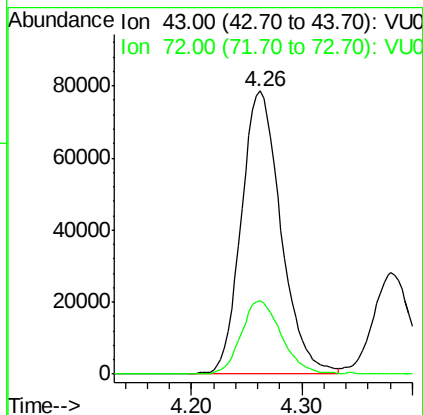
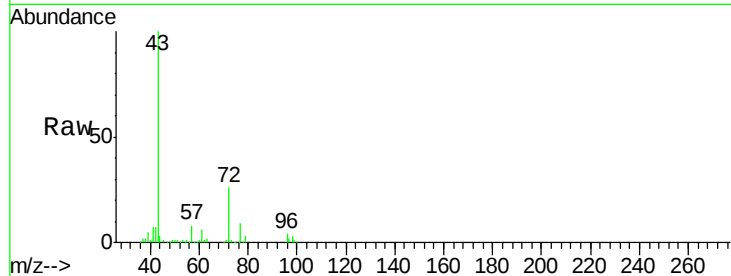
72 25.8 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 16.78 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024752.D

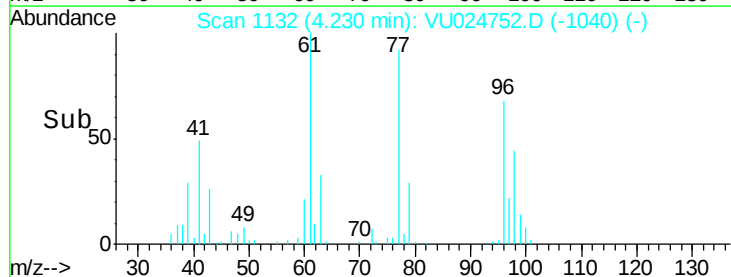
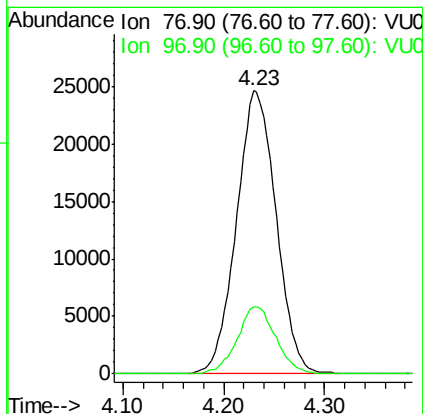
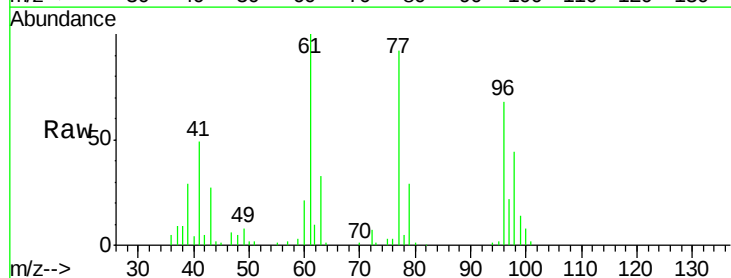
Acq: 20 Jun 2018 12:56

Tgt Ion: 77 Resp: 66992

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.85 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

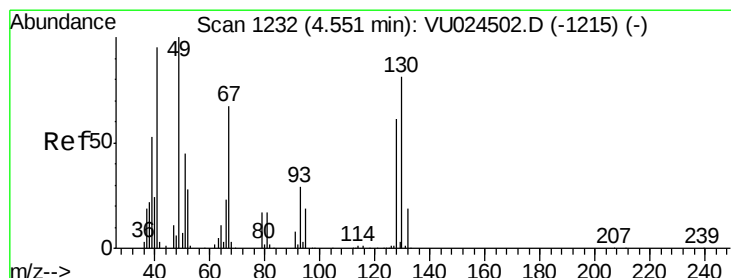
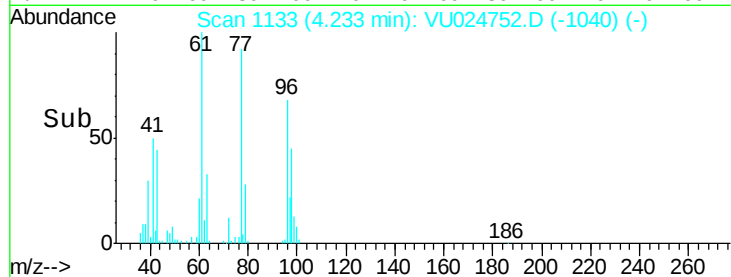
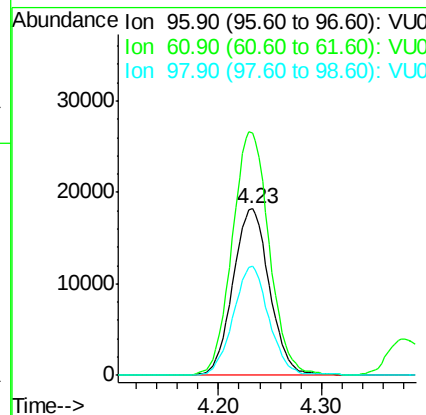
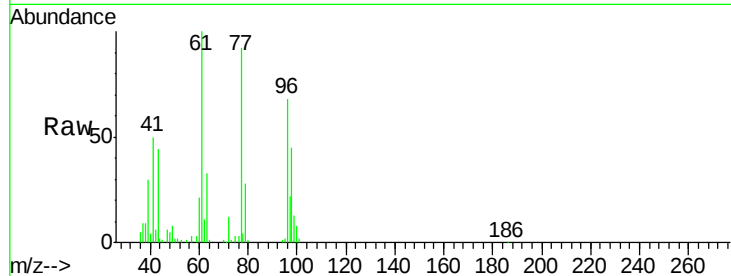
ClientSampleId :

VU0620WBS01

Tot Ion:	96	Resp:	44887
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	306.6
98	63.7	0.0	128.8

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#28

Bromochloromethane

Concen: 18.66 ug/l

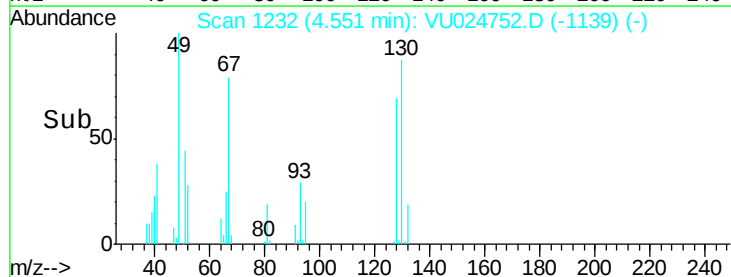
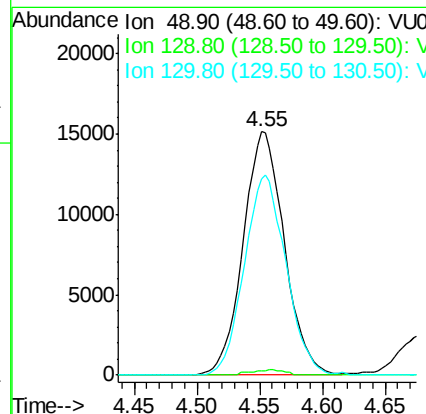
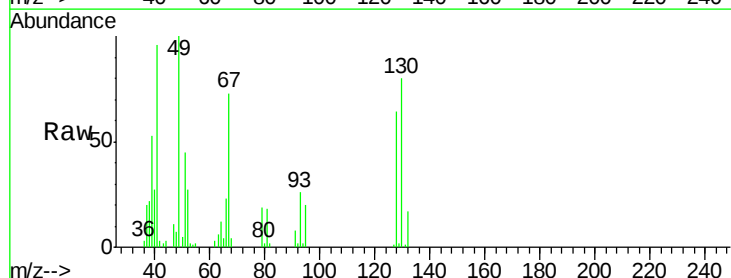
RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	49	Resp:	34564
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	83.0	57.8	86.6





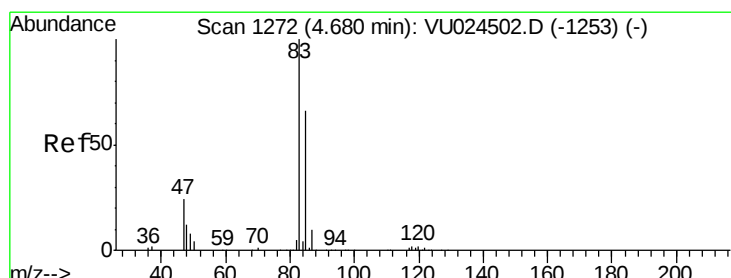
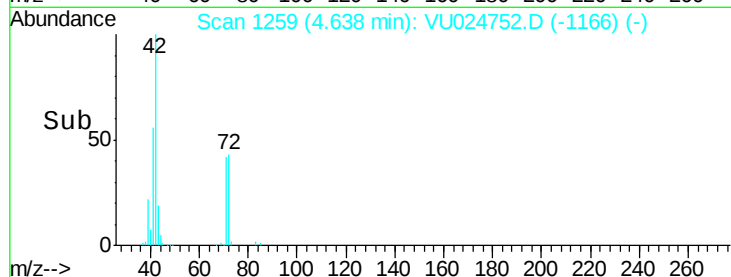
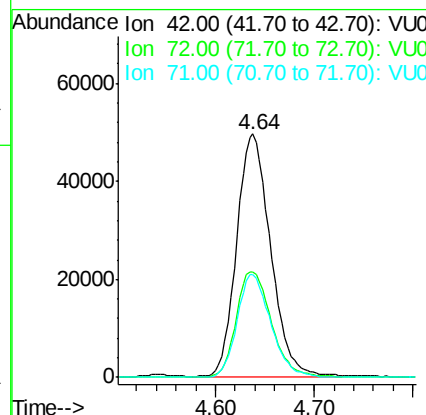
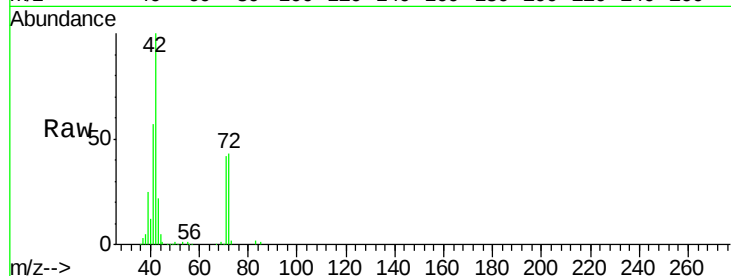
#29
Tetrahydrofuran
Concen: 93.10 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.5	51.7
71	42.1	32.2	48.4

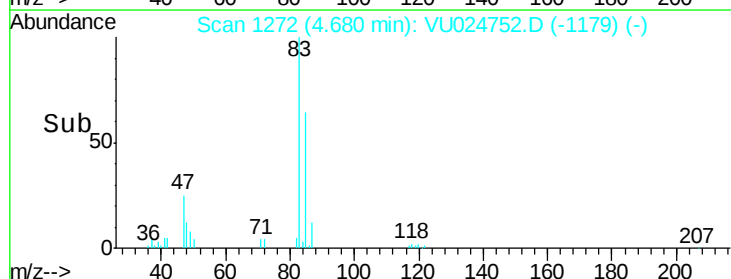
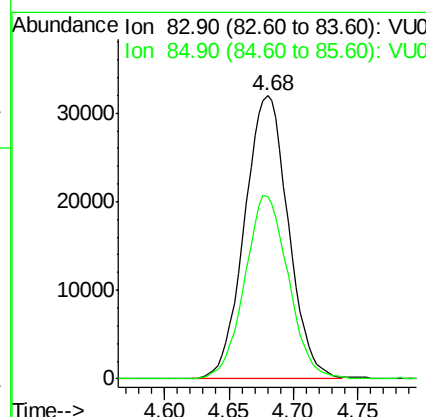
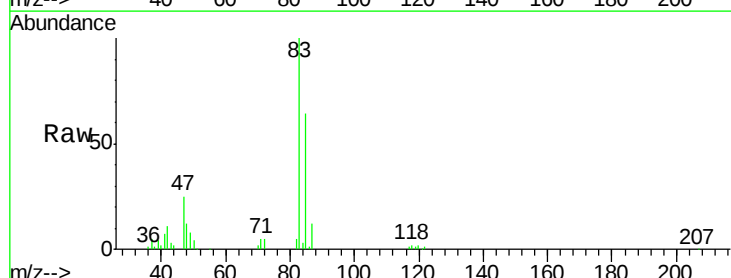
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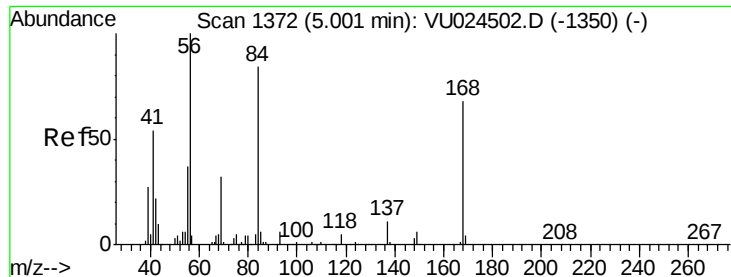
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#30
Chloroform
Concen: 17.78 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6





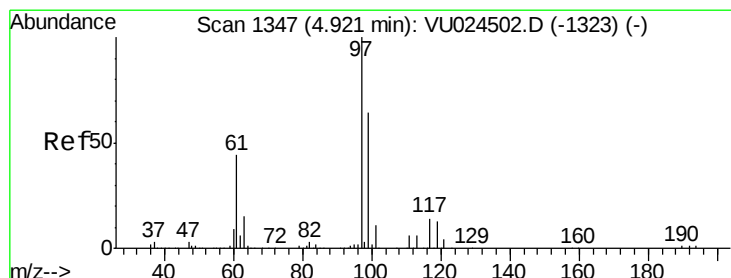
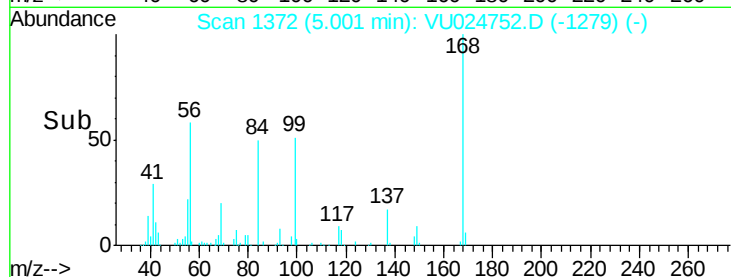
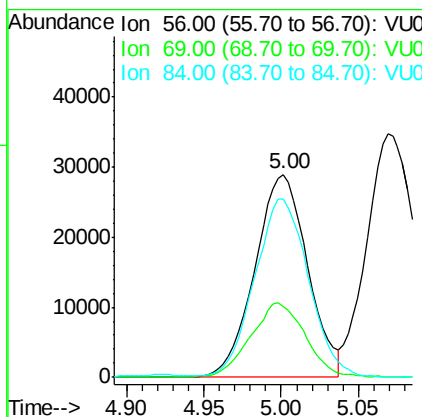
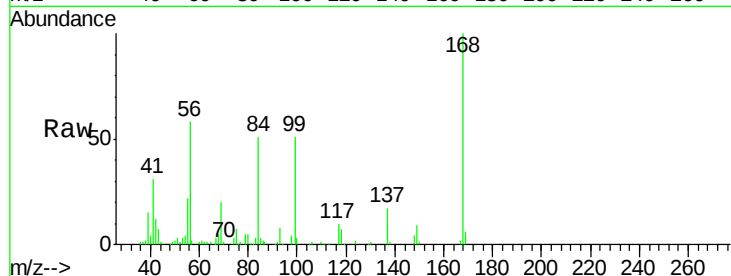
#31
Cyclohexane
Concen: 17.09 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	24.8	37.2
84	86.8	65.2	97.8

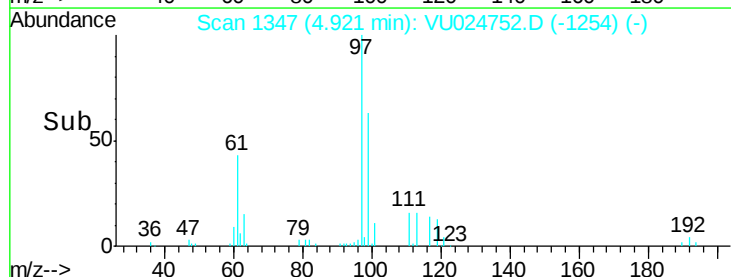
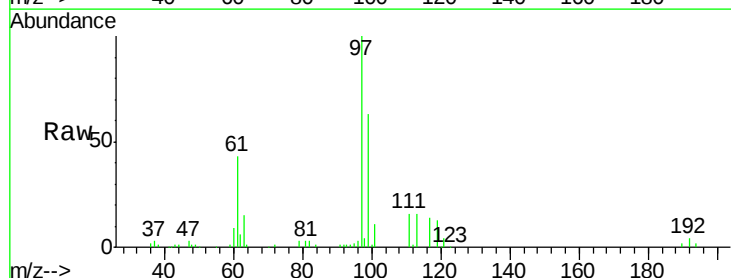
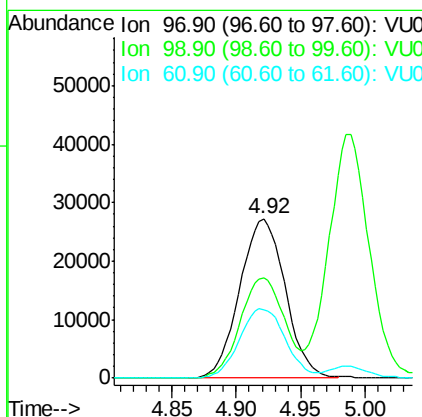
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#32
1,1,1-Trichloroethane
Concen: 17.00 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.0	76.6
61	44.1	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 42.70 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 65 Resp: 121565

Ion Ratio Lower Upper

65 100

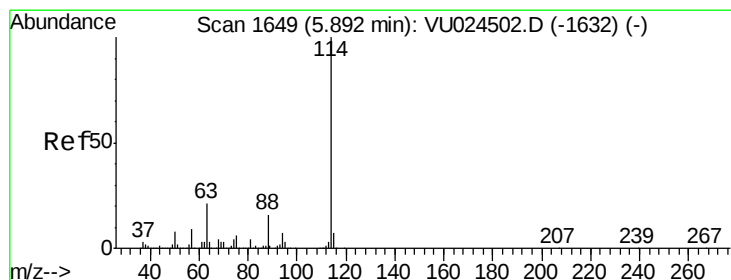
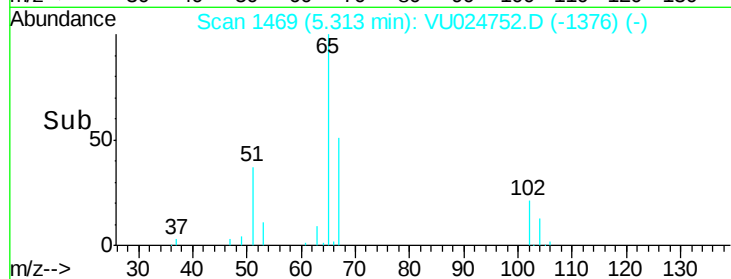
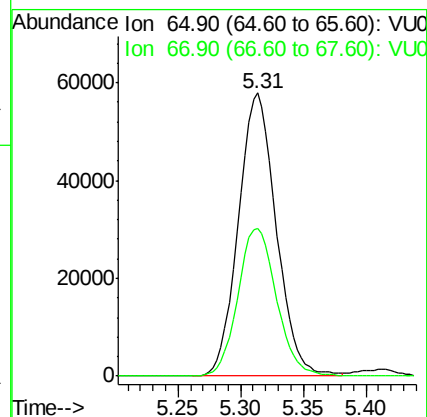
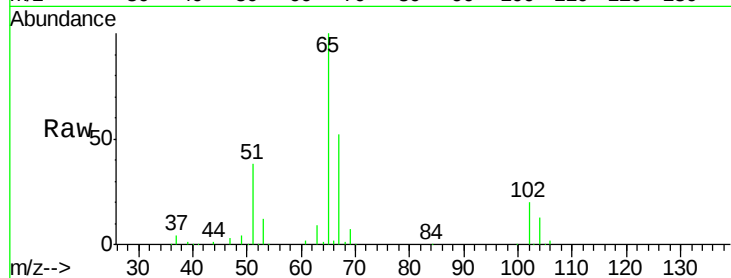
67 53.3 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

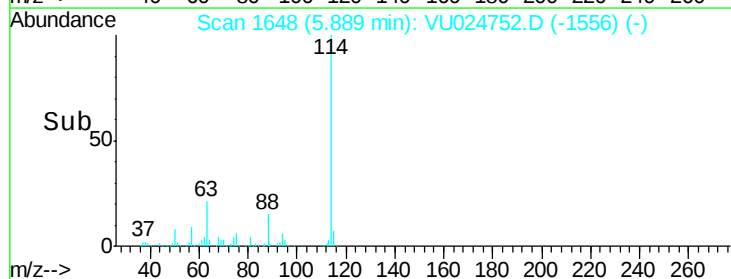
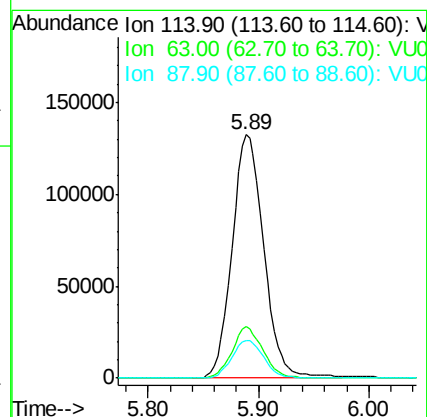
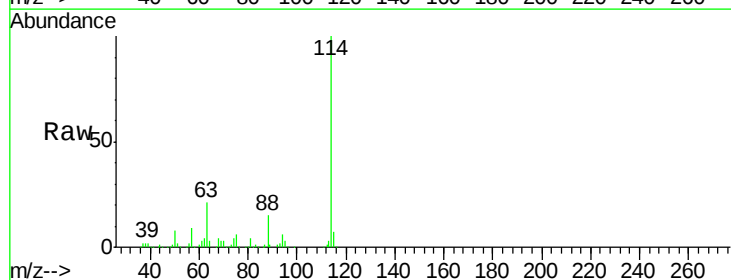
Tgt Ion: 114 Resp: 263596

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.11 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

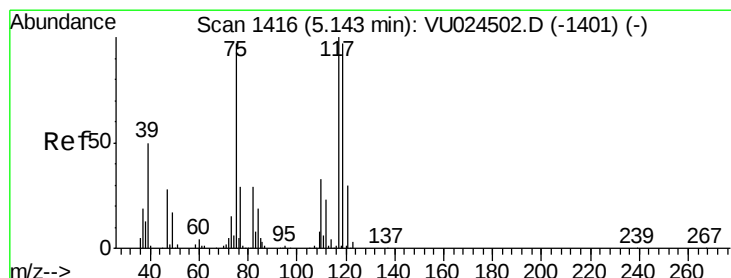
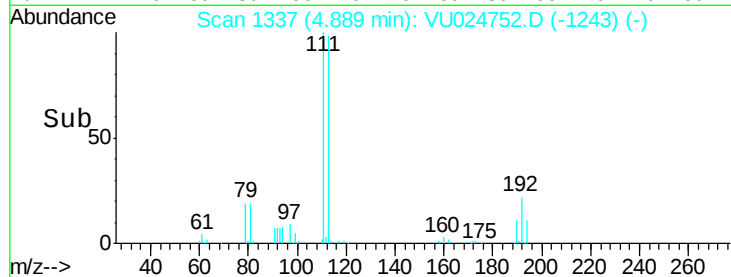
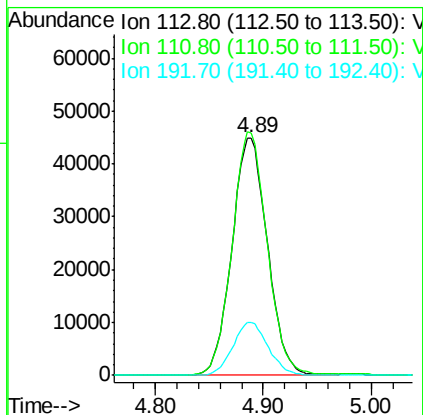
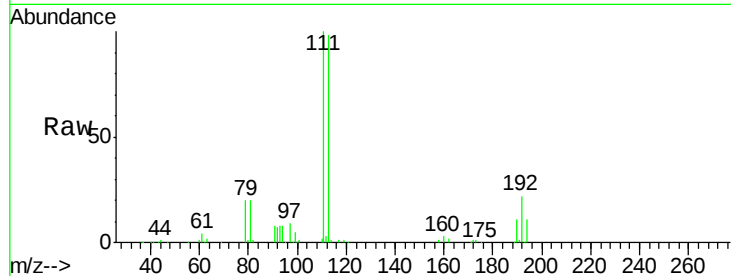
ClientSampleId :

VU0620WBS01

Tot Ion:	113	Resp:	103054
Ion Ratio	Lower	Upper	
113	100		
111	100.9	82.2	123.4
192	22.2	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 17.32 ug/l

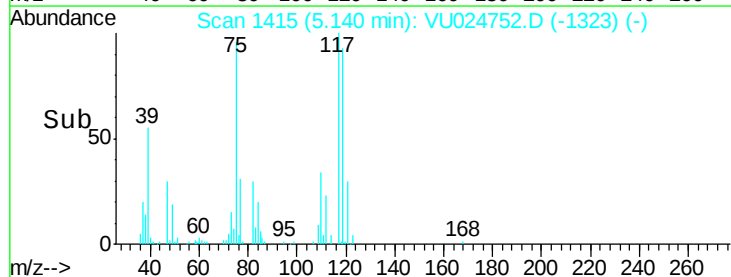
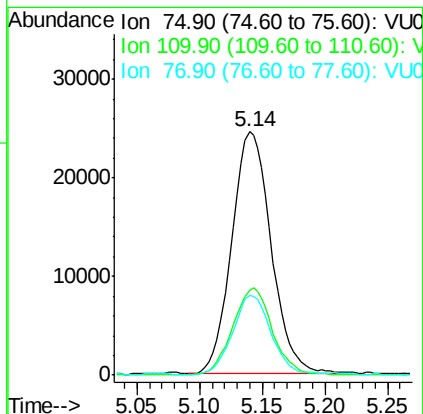
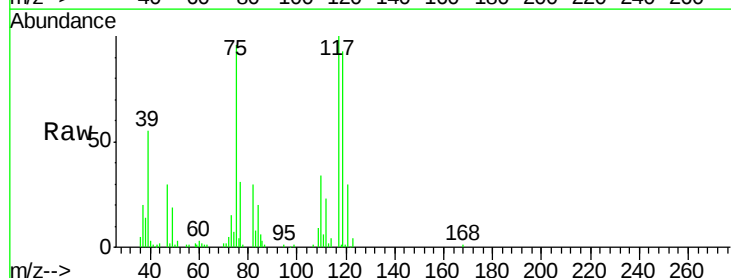
RT: 5.14 min Scan# 1415

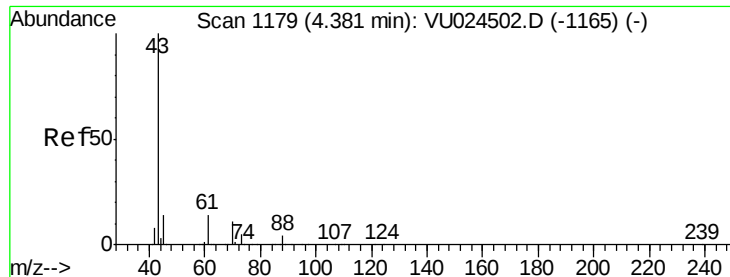
Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	75	Resp:	53655
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.0	50.9
77	32.3	24.2	36.4





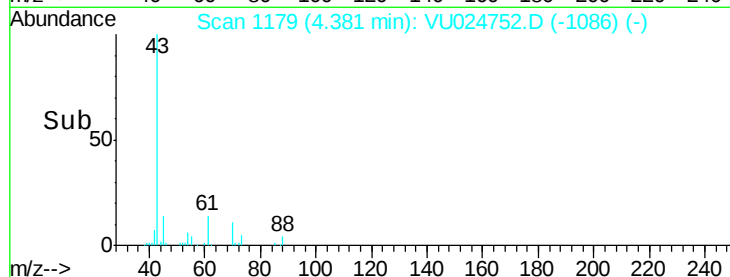
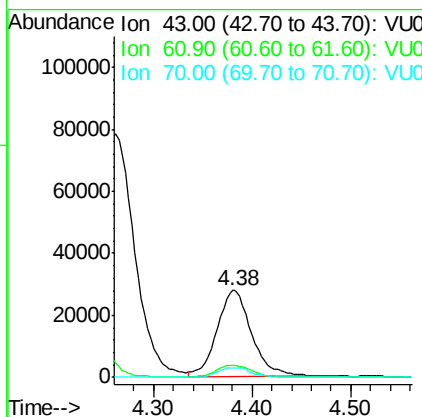
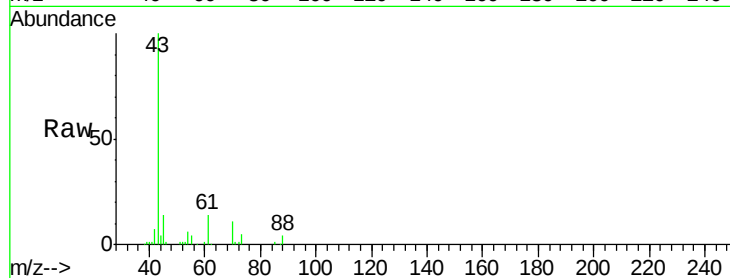
#37
Ethyl Acetate
Concen: 20.13 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.5	15.7
70	11.2	7.4	11.2#

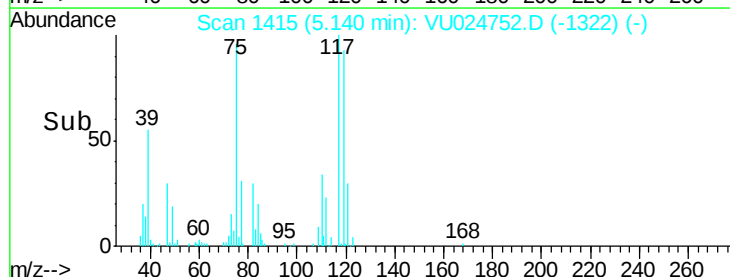
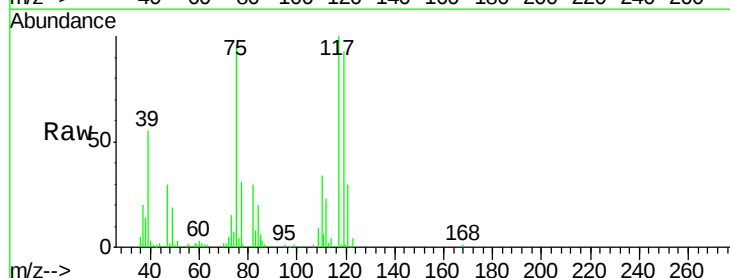
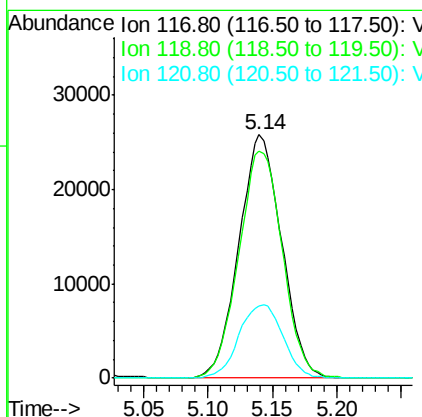
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#38
Carbon Tetrachloride
Concen: 17.45 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.1	114.1
121	29.9	23.7	35.5





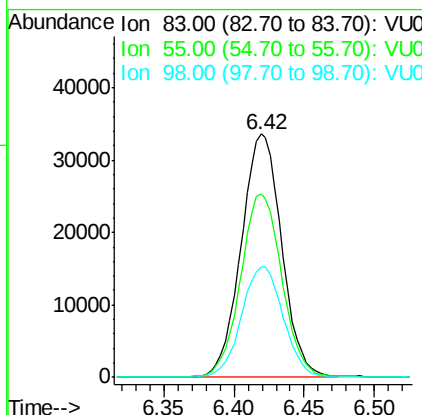
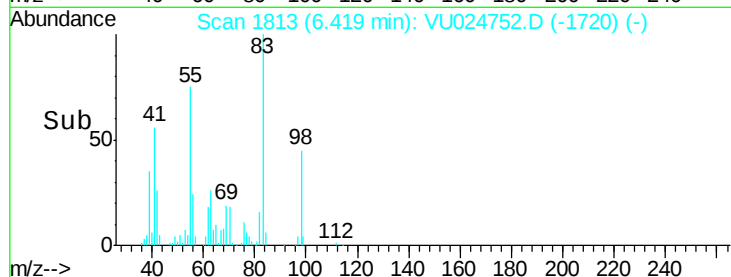
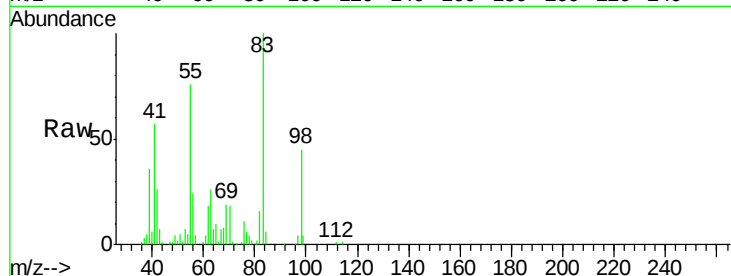
#39
Methvlcvclohexane
Concen: 17.49 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	83	Resp	67624
Ion Ratio	Lower	Upper	
83	100		
55	75.2	65.8	98.6
98	45.5	36.7	55.1

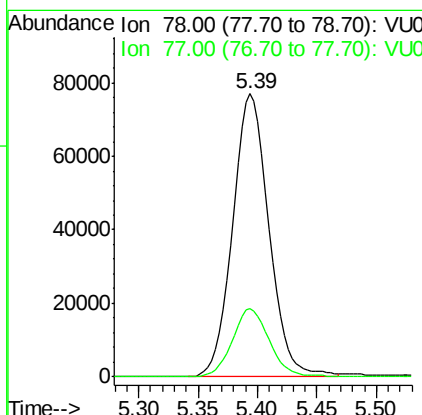
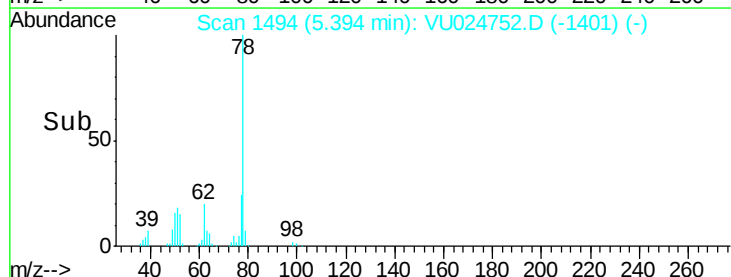
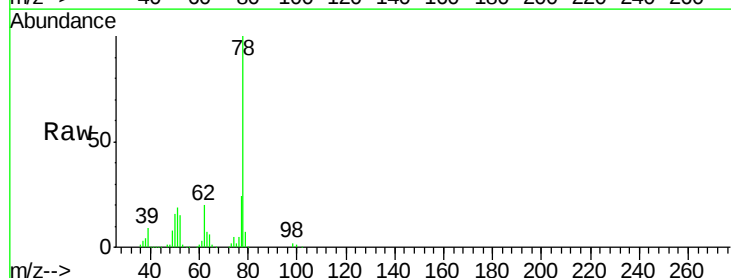
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#40
Benzene
Concen: 18.47 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	78	Resp	162994
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.2	28.8





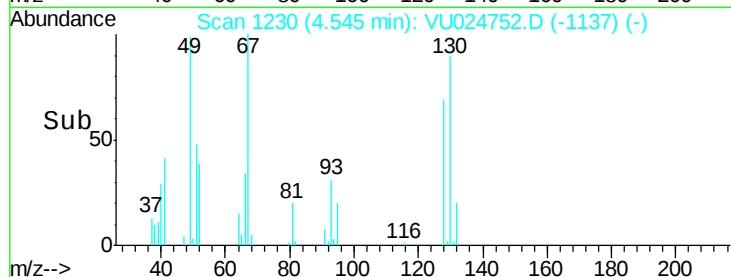
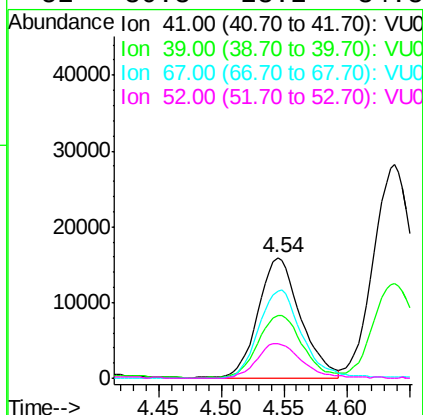
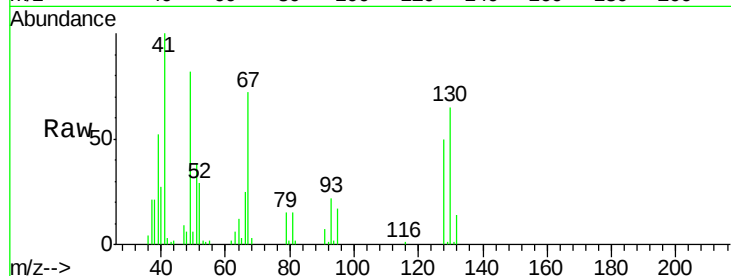
#41
Methacrylonitrile
Concen: 20.71 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	43.8	65.6	
67	74.1	56.3	84.5	
52	30.3	23.2	34.8	

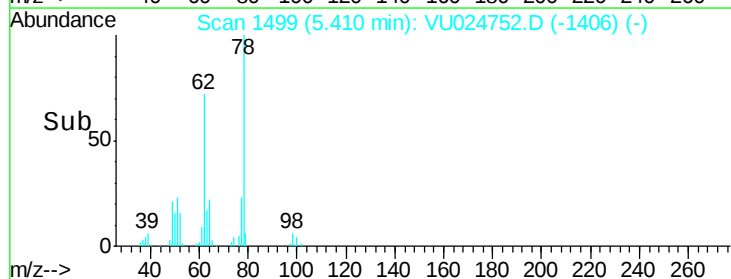
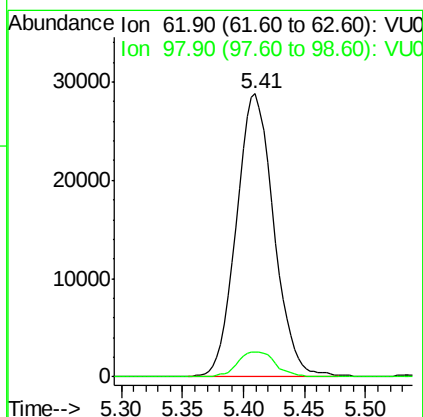
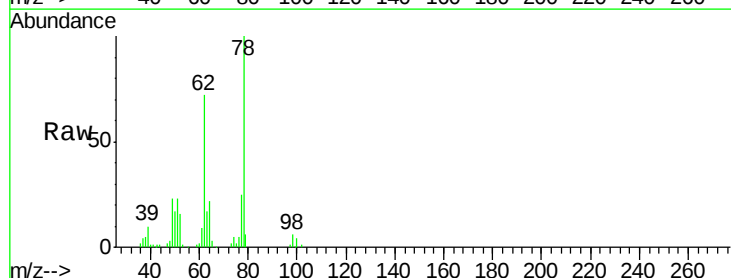
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#42
1,2-Dichloroethane
Concen: 18.23 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	16.6	





#43

Isopropyl Acetate

Concen: 18.43 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

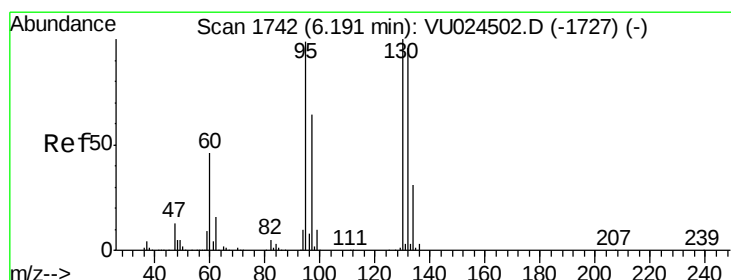
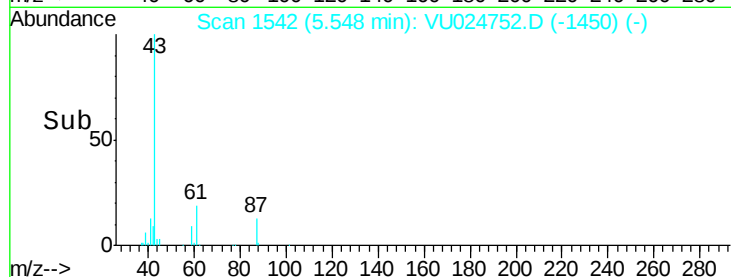
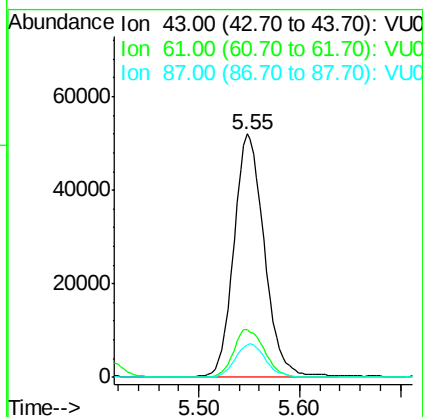
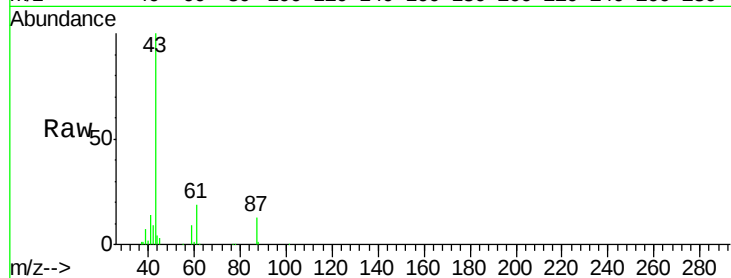
ClientSampleId :

VU0620WBS01

Tot Ion:	43	Resp:	107543
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	13.9	10.0	15.0

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#44

Trichloroethene

Concen: 17.29 ug/l

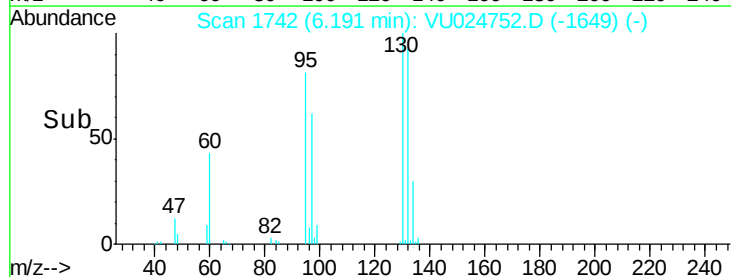
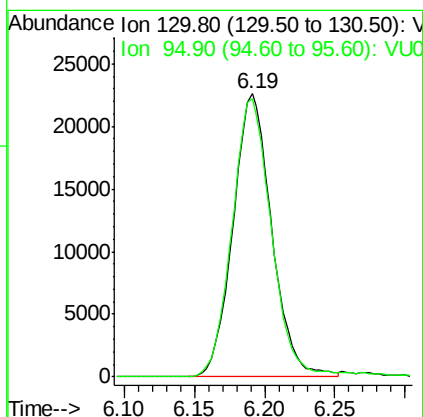
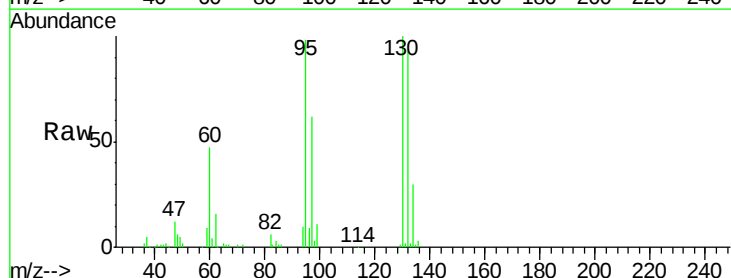
RT: 6.19 min Scan# 1742

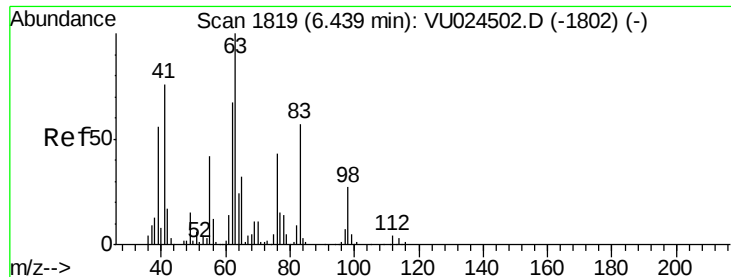
Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	130	Resp:	43442
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	202.4





#45

1,2-Dichloropropane

Concen: 18.90 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 63 Resp: 44511

Ion Ratio Lower Upper

63 100

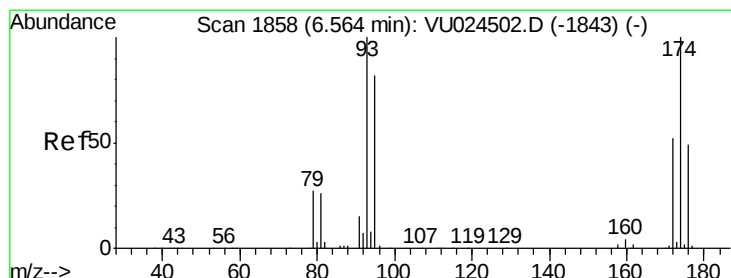
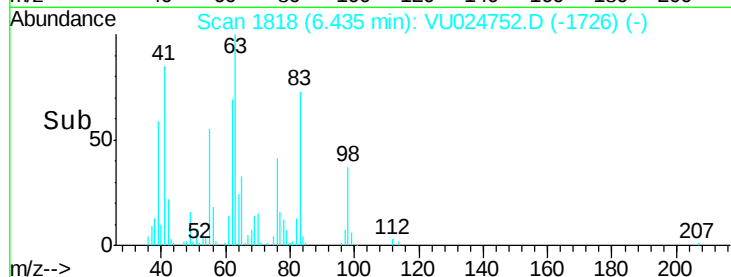
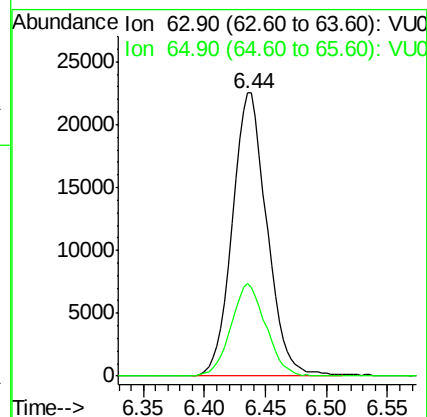
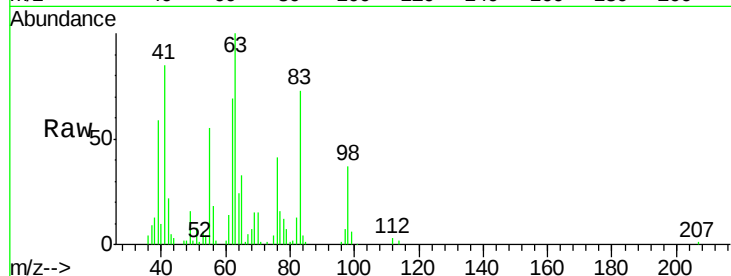
65 32.6 24.8 37.2

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#46

Dibromomethane

Concen: 19.49 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

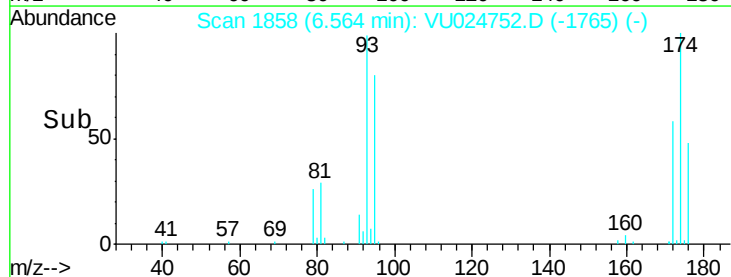
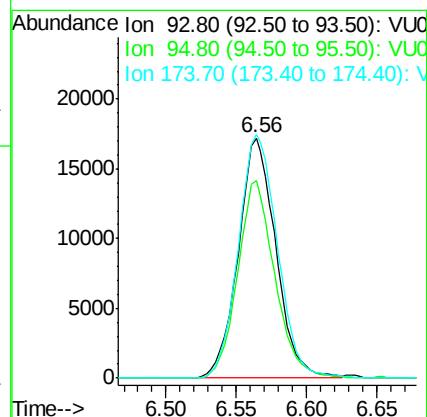
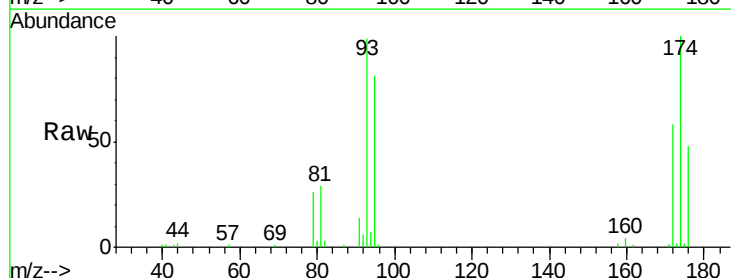
Tgt Ion: 93 Resp: 32238

Ion Ratio Lower Upper

93 100

95 80.9 65.5 98.3

174 104.8 78.7 118.1





#47

Bromodichloromethane

Concen: 17.95 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

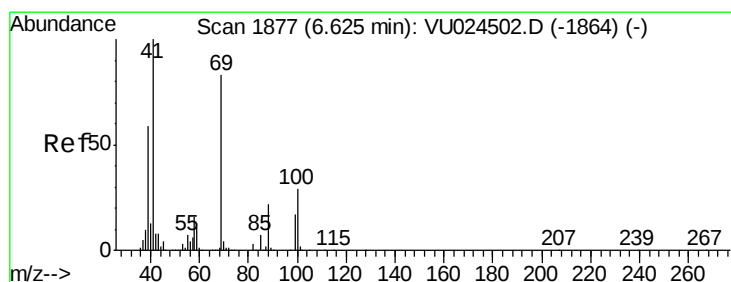
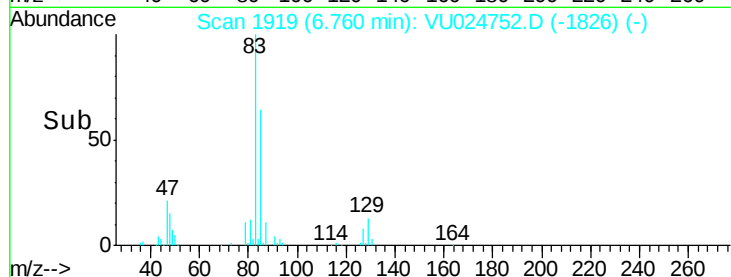
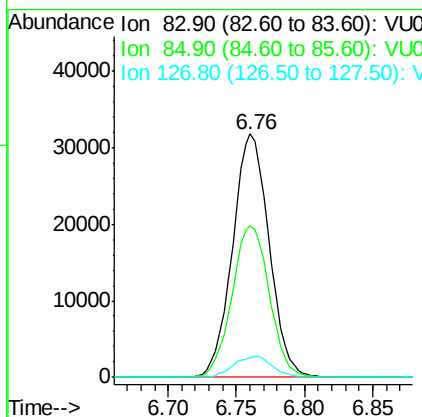
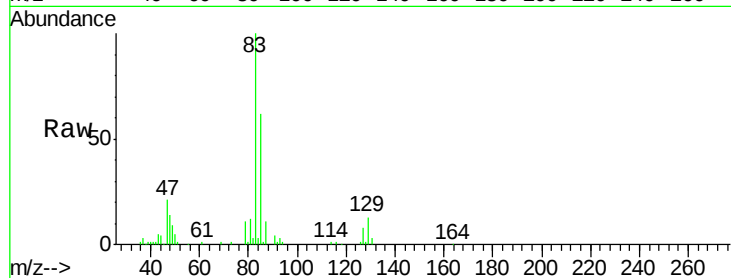
ClientSampleId :

VU0620WBS01

Tot Ion:	83	Resp:	59119
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.9	77.9
127	8.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 18.99 ug/l

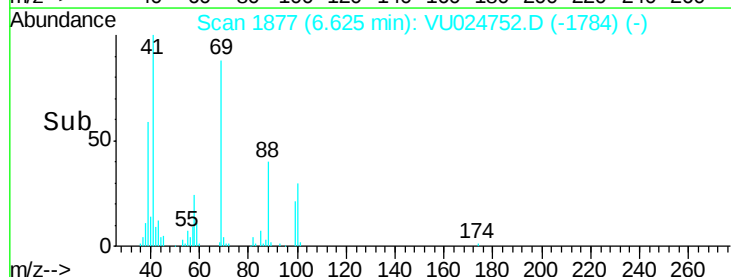
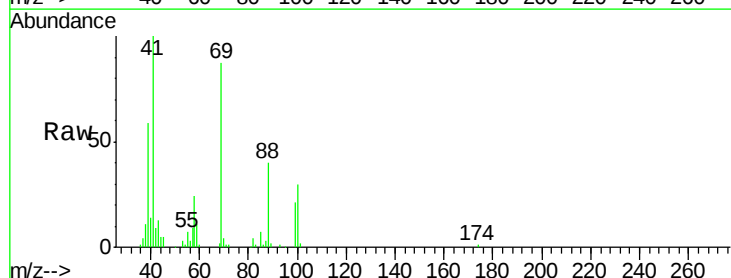
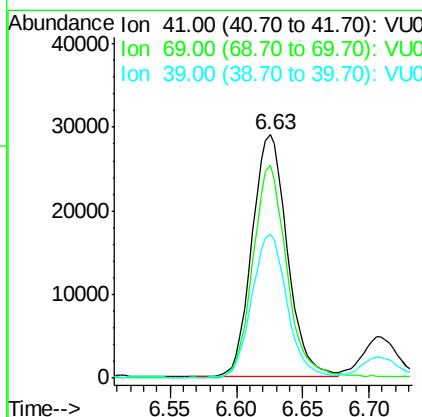
RT: 6.63 min Scan# 1877

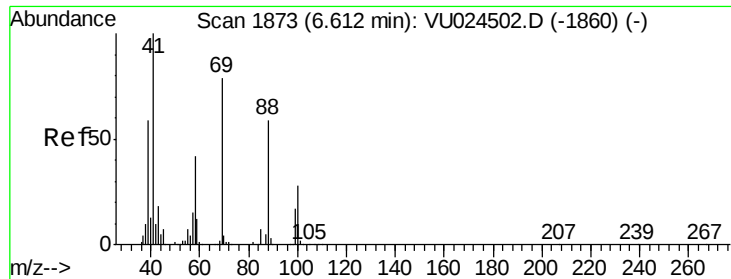
Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	41	Resp:	53974
Ion Ratio	Lower	Upper	
41	100		
69	85.3	67.3	100.9
39	59.5	46.5	69.7





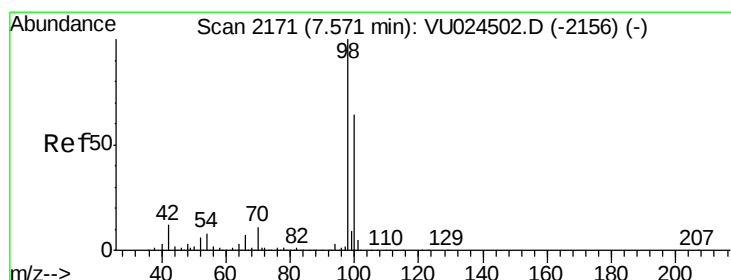
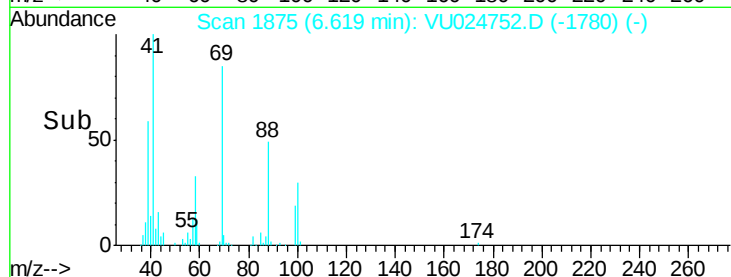
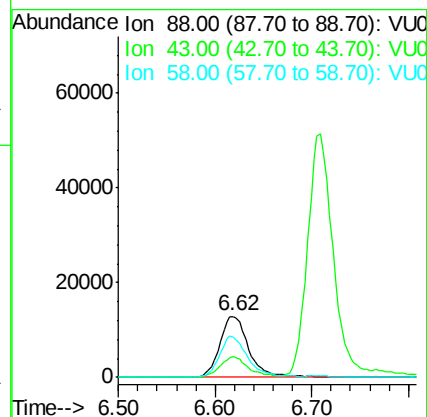
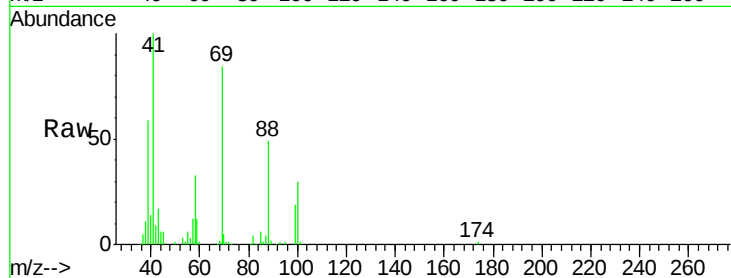
#49
1,4-Dioxane
Concen: 482.29 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	28.6	42.8
58	65.7	58.2	87.4

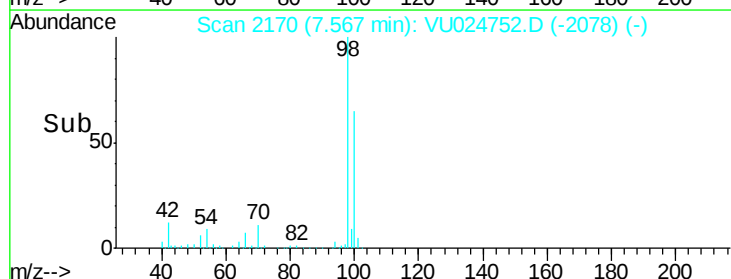
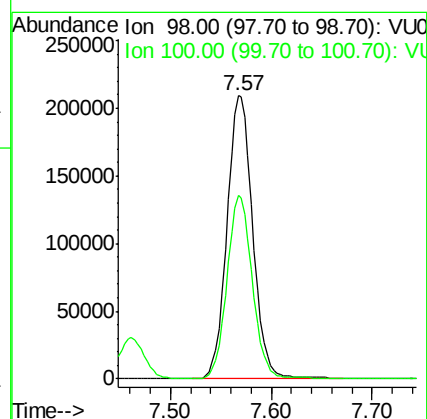
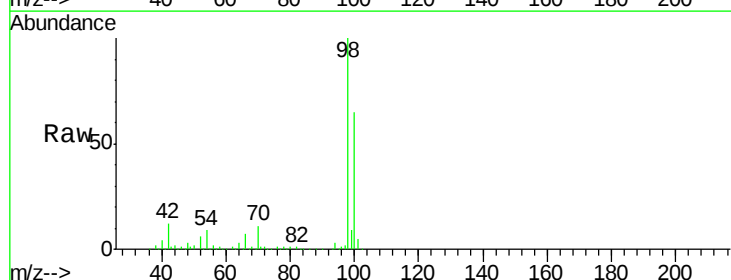
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#50
Toluene-d8
Concen: 46.71 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





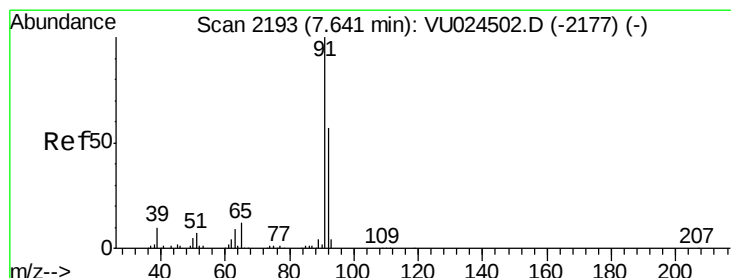
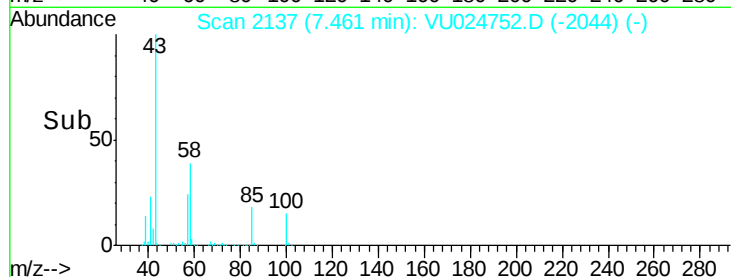
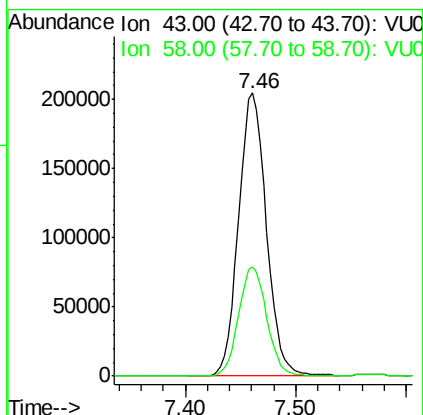
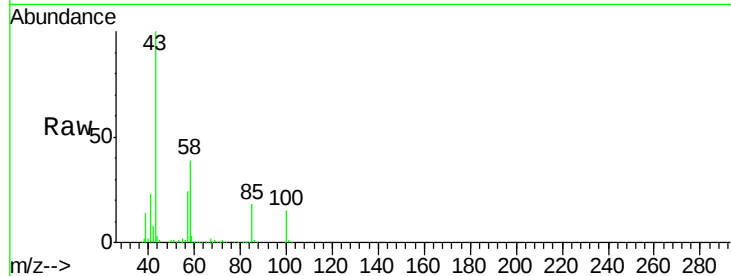
#51
 4-Methyl-2-Pentanone
 Concen: 97.48 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.0	45.0

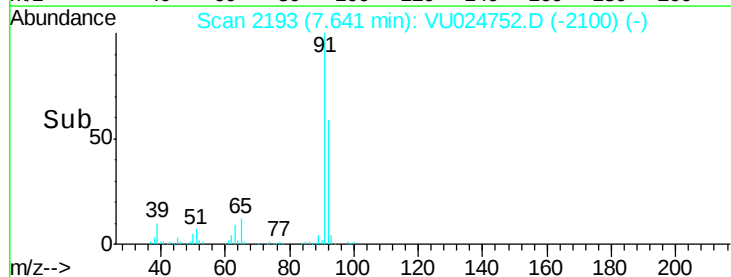
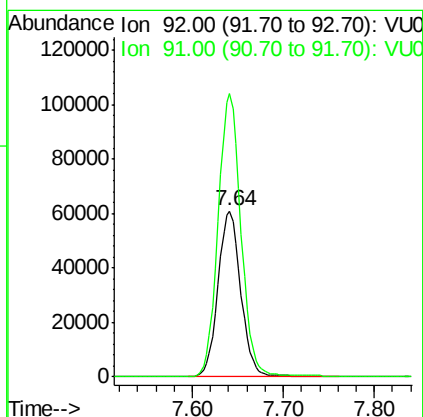
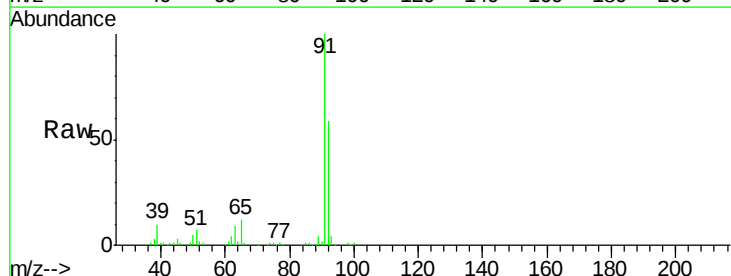
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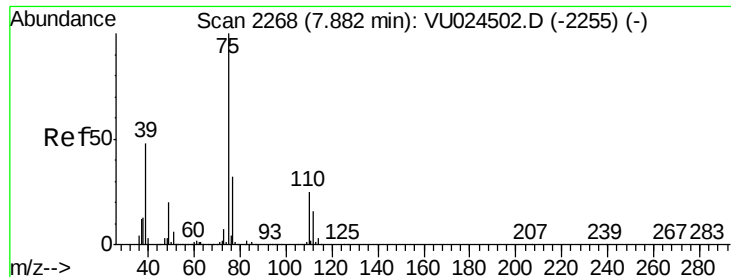
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#52
 Toluene
 Concen: 18.75 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.8	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 17.77 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 75 Resp: 65725

Ion Ratio Lower Upper

75 100

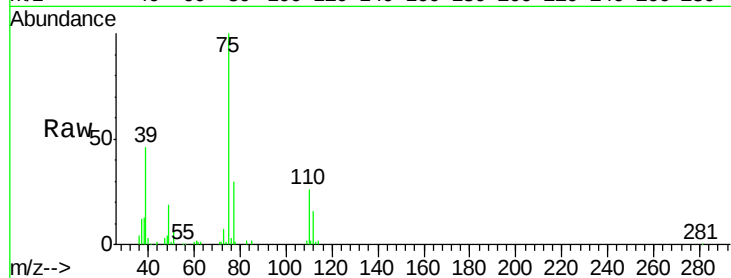
77 30.0 24.8 37.2

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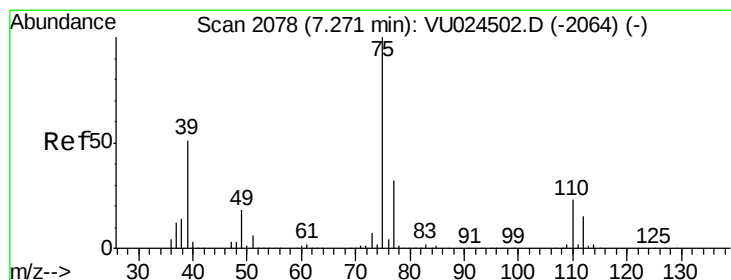
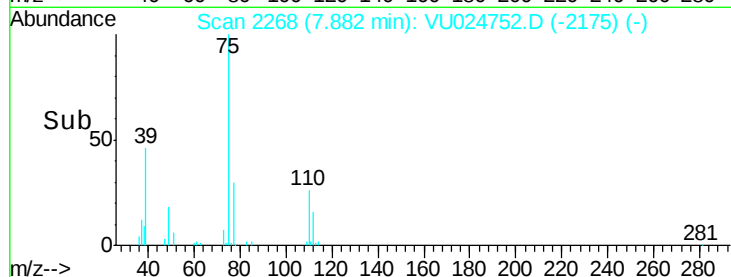
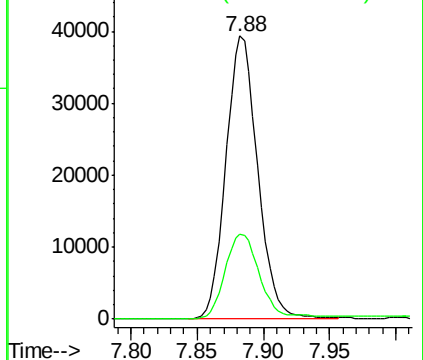
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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 17.38 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

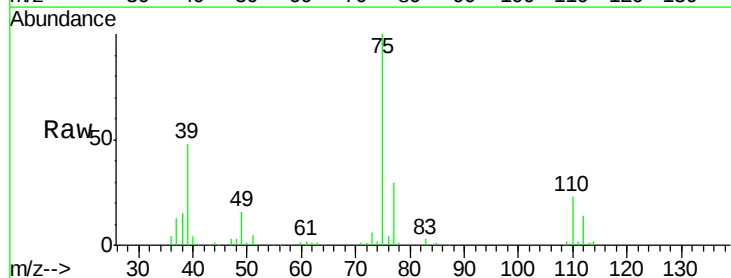
Tgt Ion: 75 Resp: 68495

Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

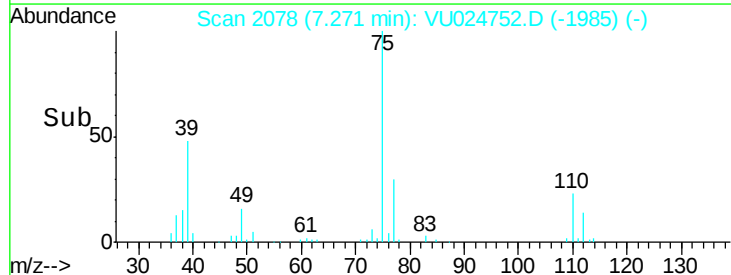
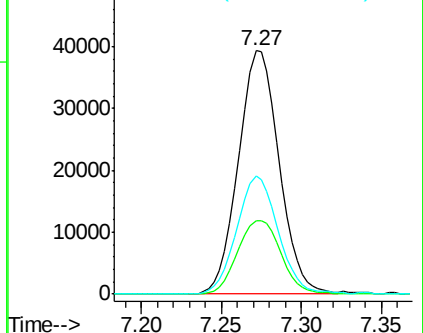
39 48.4 39.8 59.6

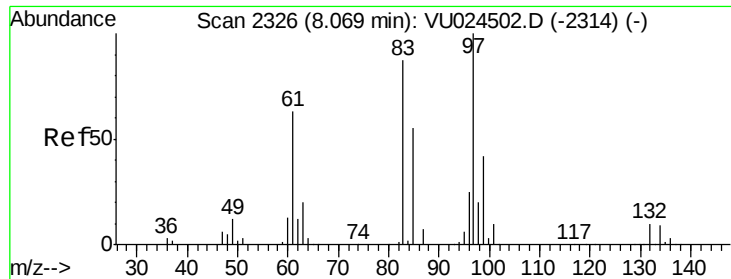


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





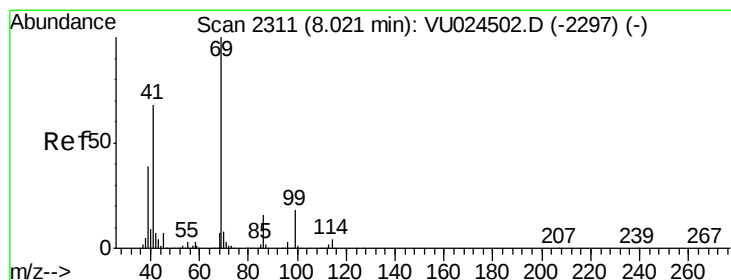
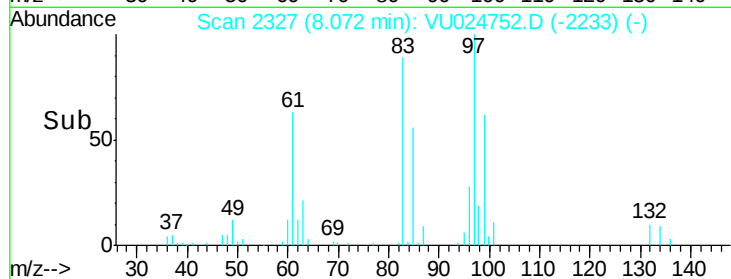
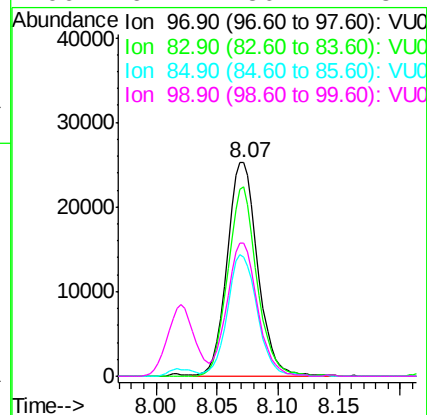
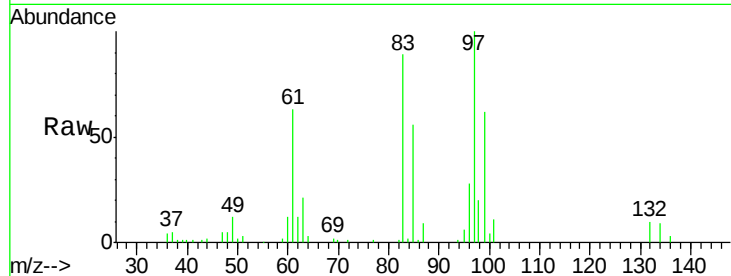
#55
 1,1,2-Trichloroethane
 Concen: 19.31 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	97	Resp	44577
Ion Ratio	Lower	Upper	
97	100		
83	88.6	70.5	105.7
85	55.8	46.4	69.6
99	62.4	50.2	75.2

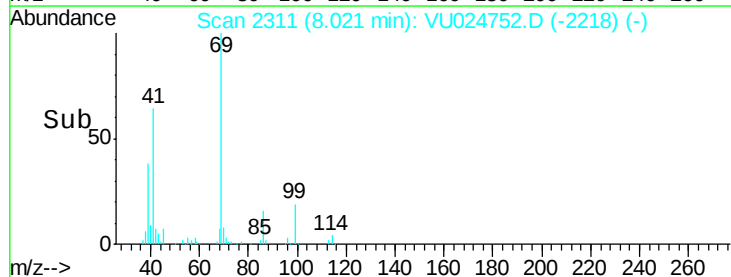
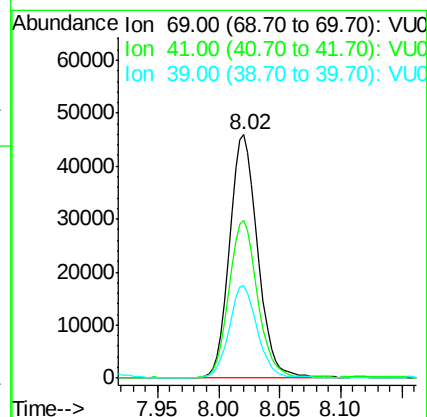
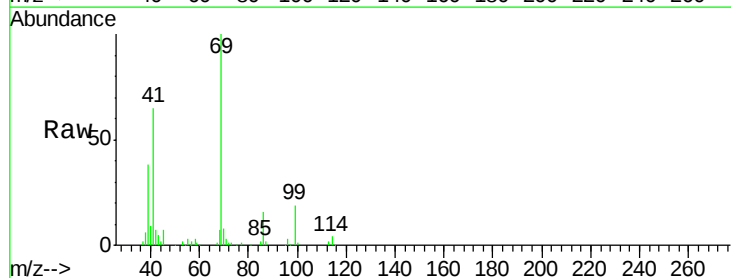
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#56
 Ethyl methacrylate
 Concen: 19.34 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	69	Resp	74722
Ion Ratio	Lower	Upper	
69	100		
41	65.0	54.1	81.1
39	38.2	30.3	45.5





#57

1,3-Dichloropropane

Concen: 19.27 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tot Ion: 76 Resp: 75014

Ion Ratio Lower Upper

76 100

78 31.7 25.2 37.8

Instrument :

MSVOA_U

ClientSampleId :

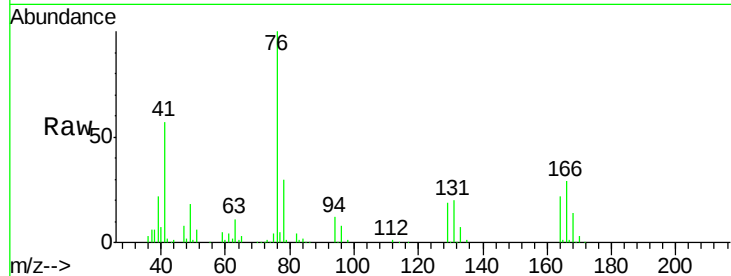
VU0620WBS01

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

40000

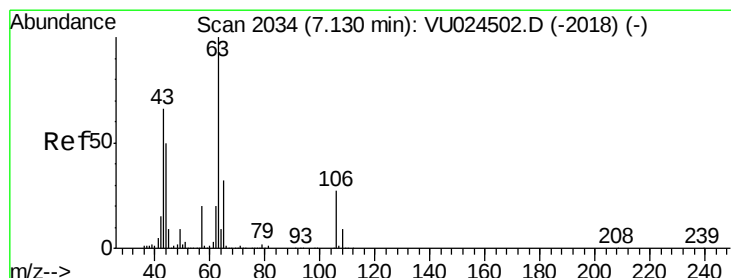
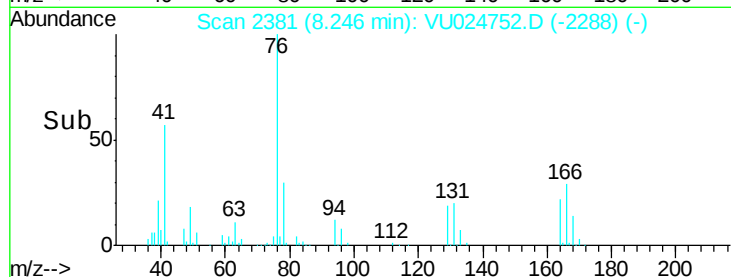
30000

20000

10000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 85.97 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU024752.D

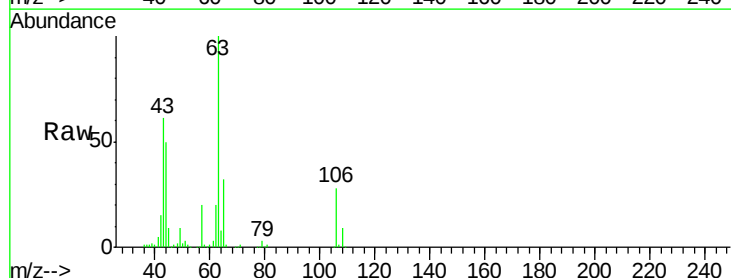
Acq: 20 Jun 2018 12:56

Tgt Ion: 63 Resp: 127244

Ion Ratio Lower Upper

63 100

106 28.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.13

80000

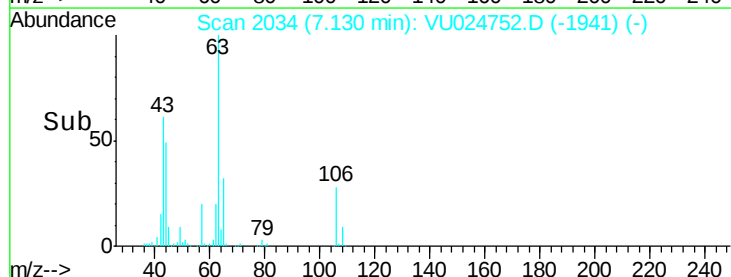
60000

40000

20000

0

Time--> 7.10 7.15 7.20





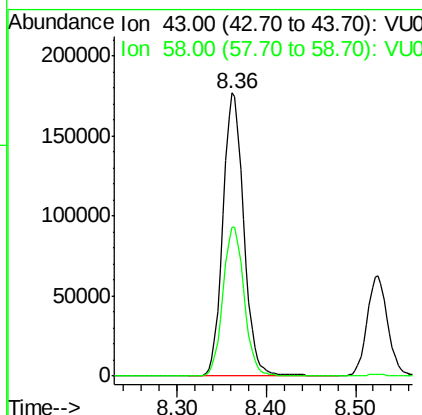
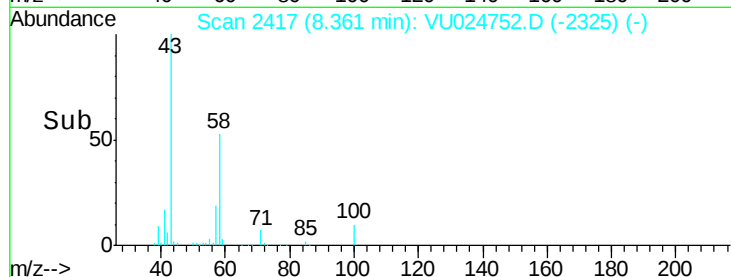
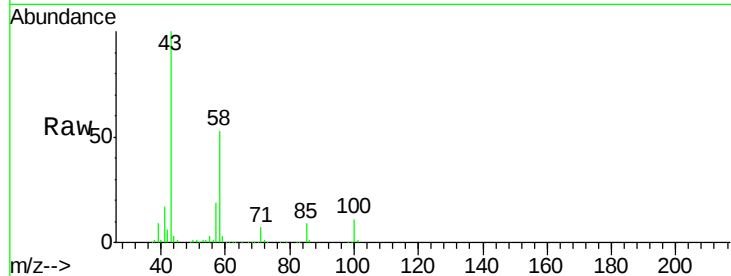
#59
2-Hexanone
Concen: 96.19 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion: 43 Resp: 287920
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0

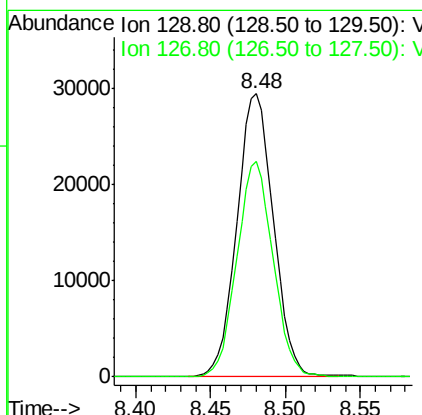
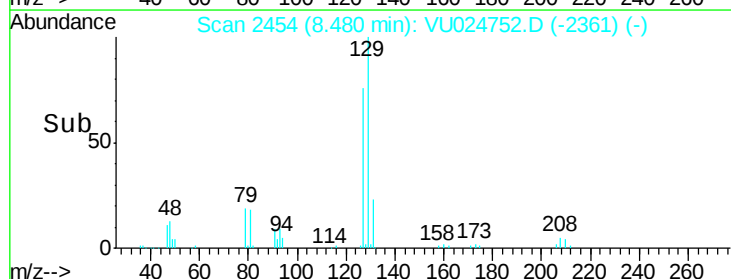
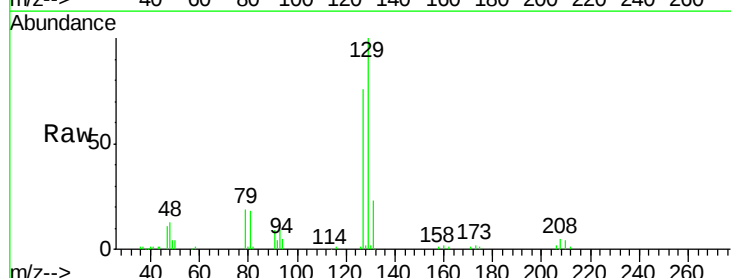
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#60
Dibromochloromethane
Concen: 17.39 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion: 129 Resp: 50043
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





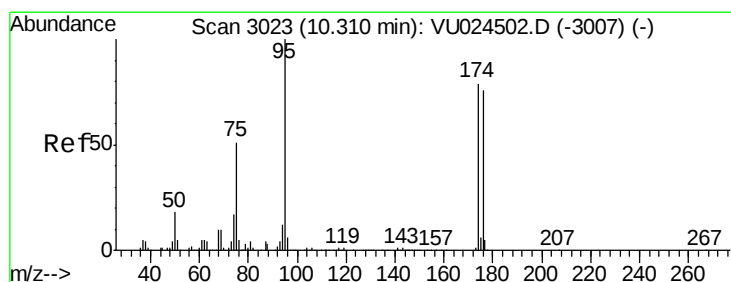
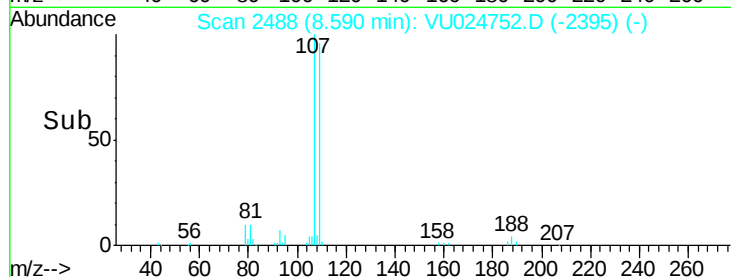
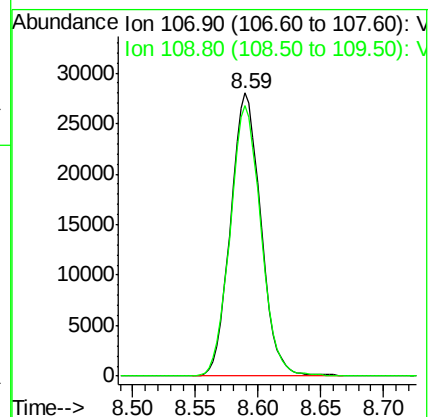
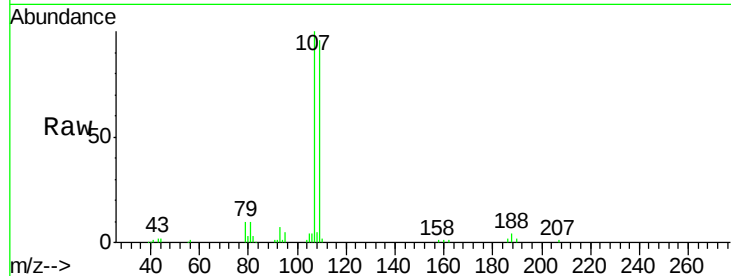
#61
 1,2-Dibromoethane
 Concen: 18.35 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion:107 Resp: 47149
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.5 111.7

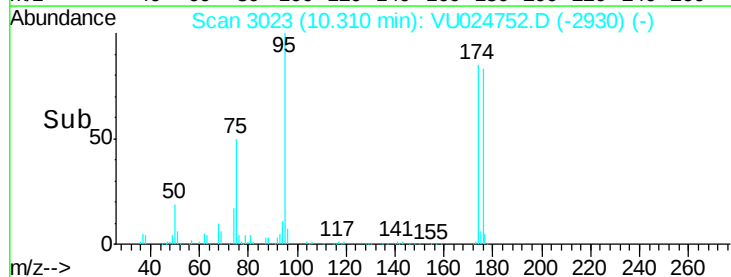
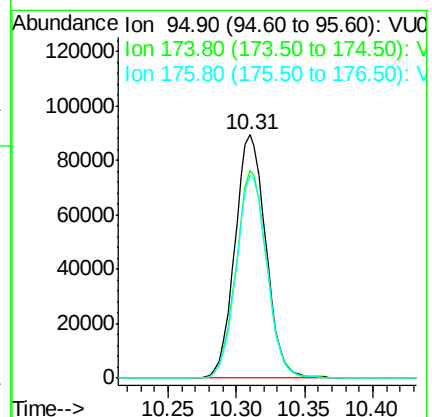
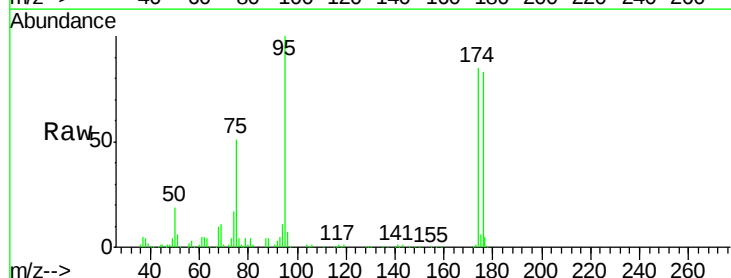
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 44.35 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion: 95 Resp: 140498
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 165.8
 176 83.5 0.0 159.4





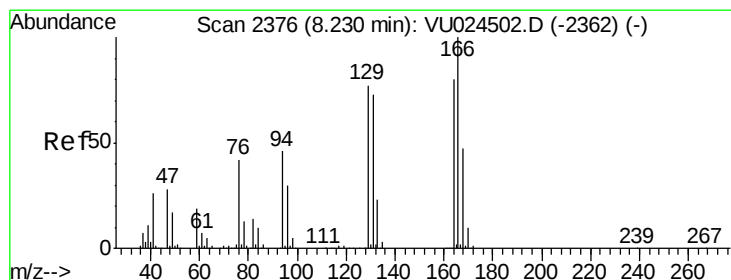
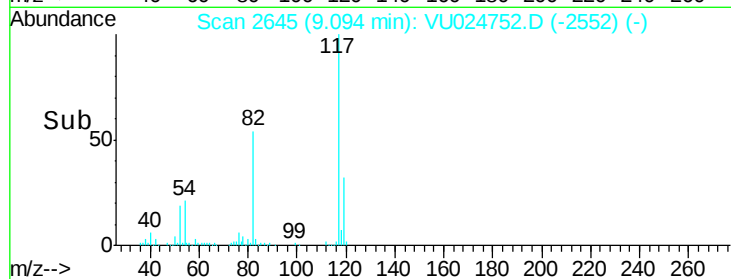
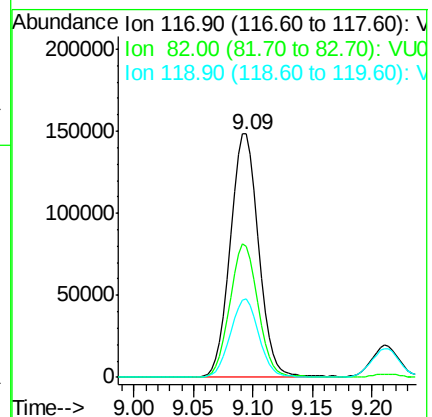
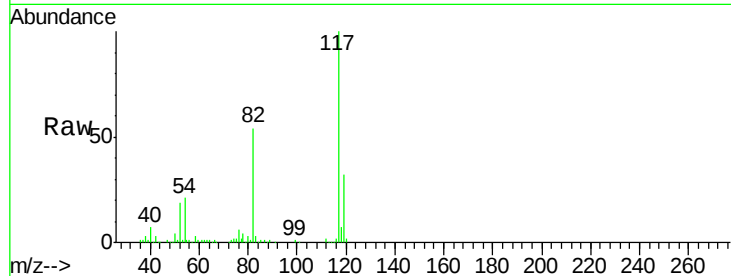
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.9	44.3	66.5
119	32.0	25.4	38.2

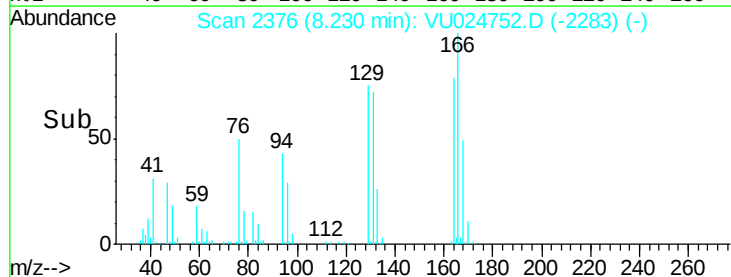
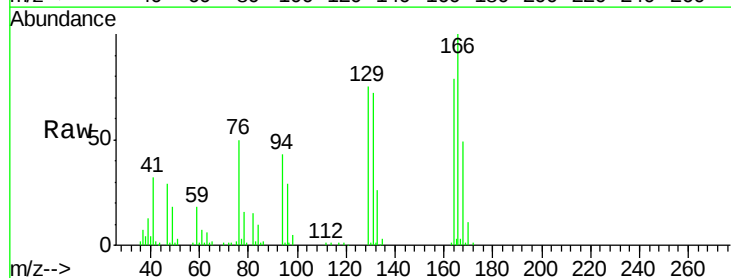
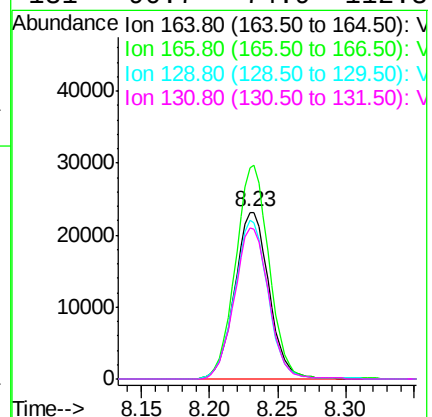
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#64
Tetrachloroethene
Concen: 17.26 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.5	101.7	152.5
129	95.0	76.9	115.3
131	90.7	74.9	112.3





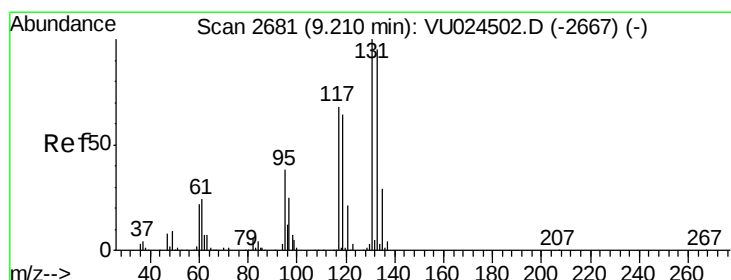
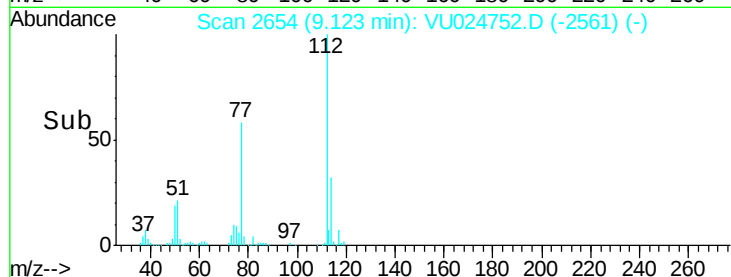
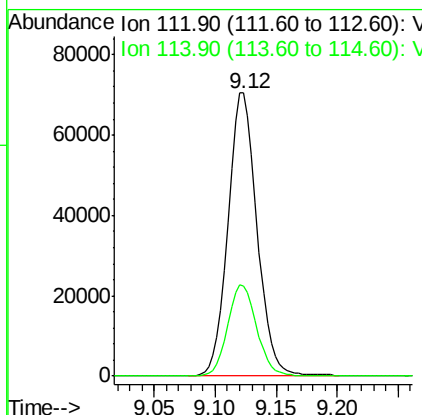
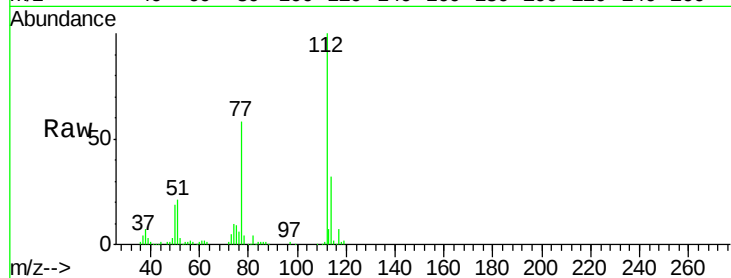
#65
Chlorobenzene
Concen: 18.70 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4

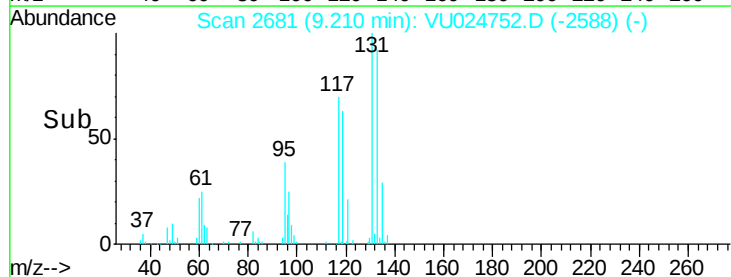
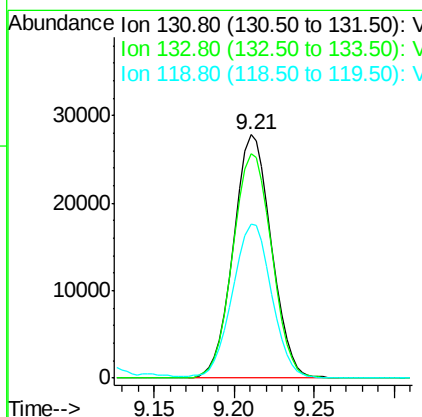
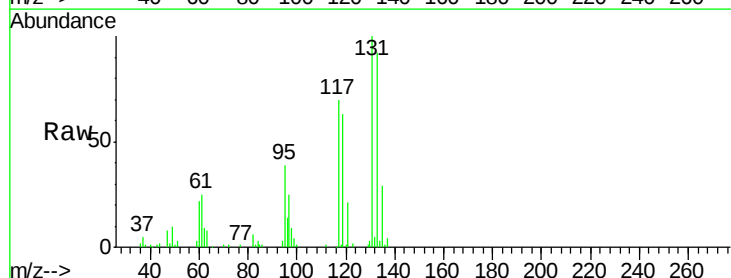
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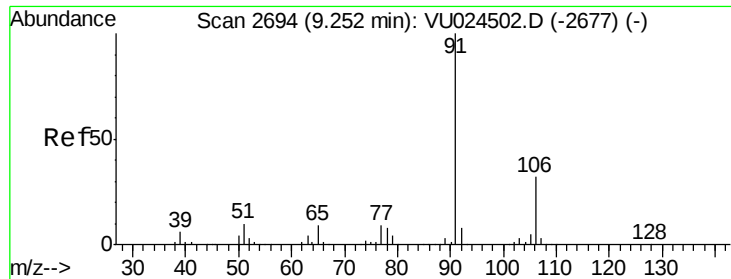
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.83 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	46.9	140.8
119	65.4	33.5	100.4





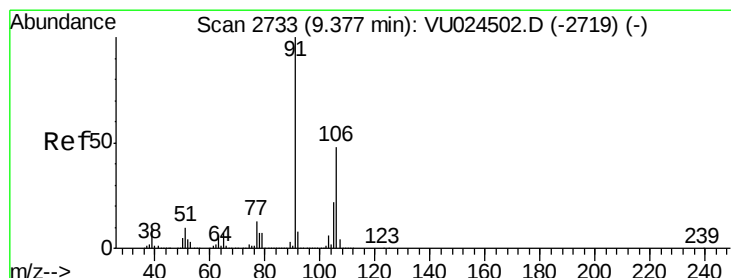
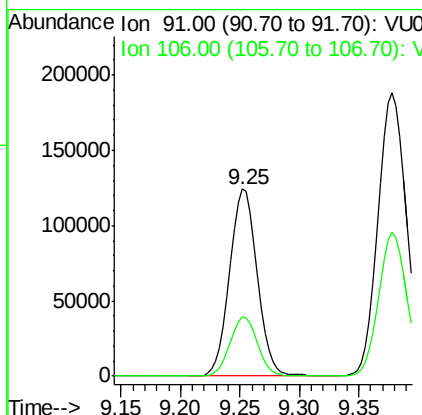
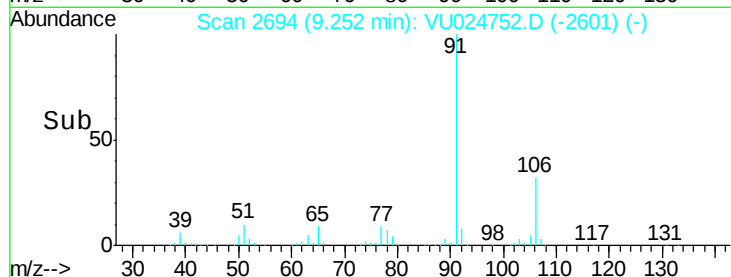
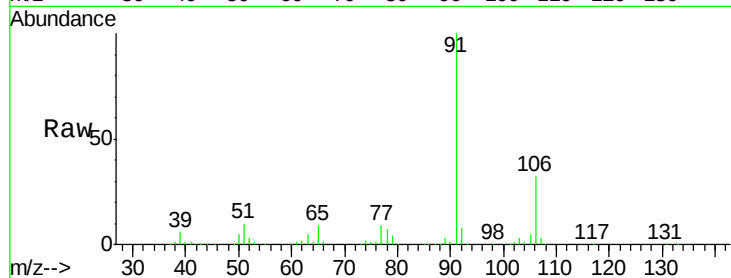
#67
Ethyl Benzene
Concen: 18.19 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion: 91 Resp: 200530
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

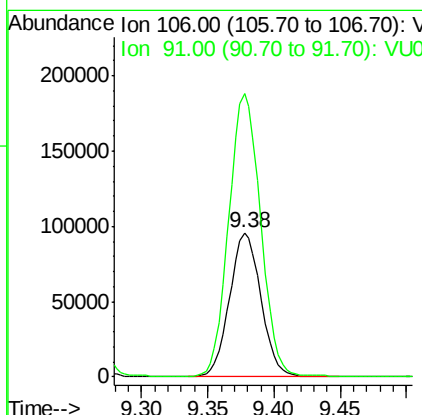
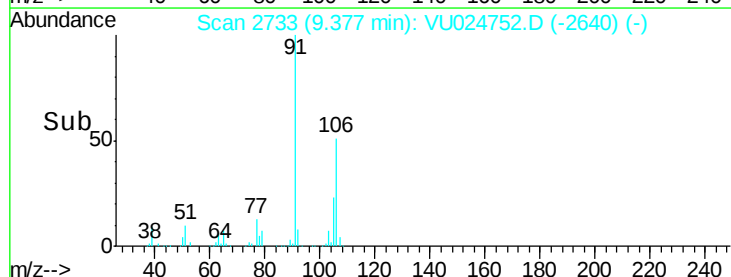
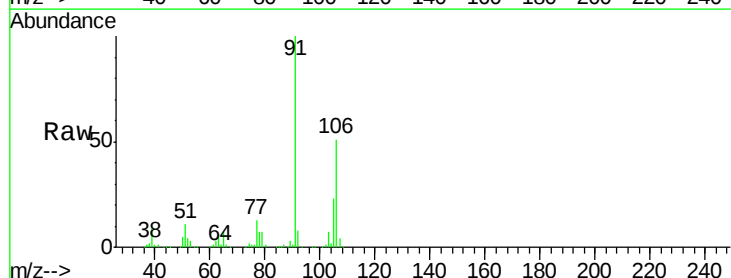
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#68
m/p-Xylenes
Concen: 37.33 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion: 106 Resp: 158010
Ion Ratio Lower Upper
106 100
91 198.7 166.5 249.7





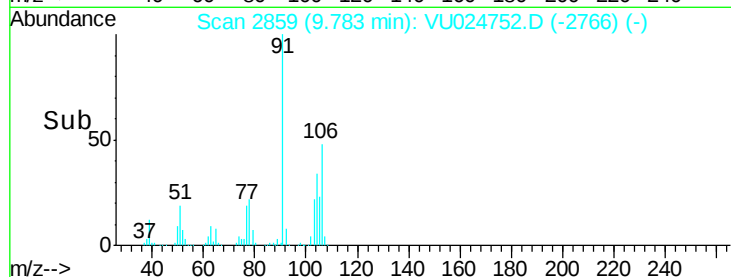
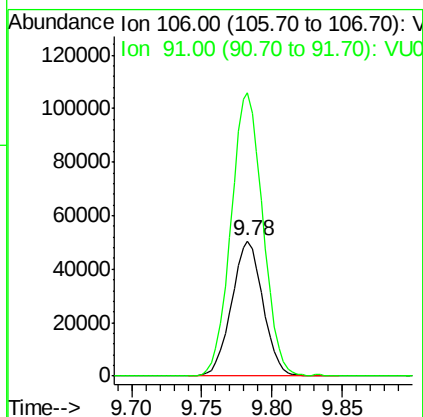
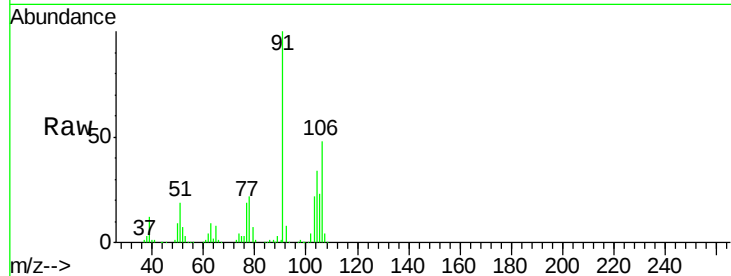
#69
o-Xylene
Concen: 18.80 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.9	110.7	331.9

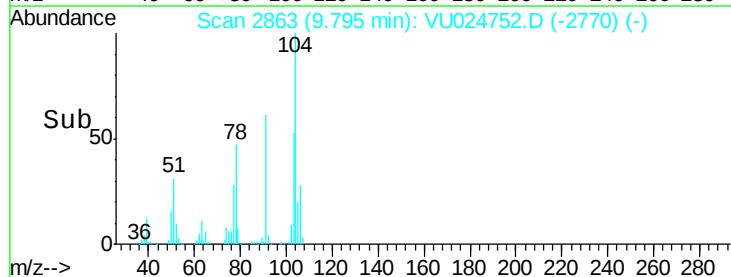
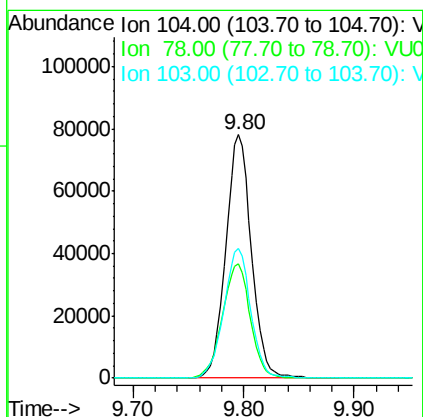
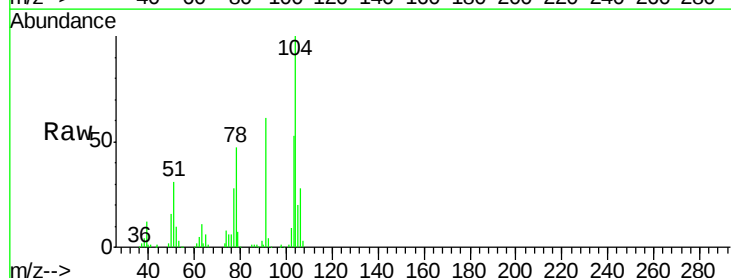
Manual Integrations
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#70
Styrene
Concen: 18.23 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.6	60.8
103	56.2	44.7	67.1





#71

Bromoform

Concen: 17.66 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

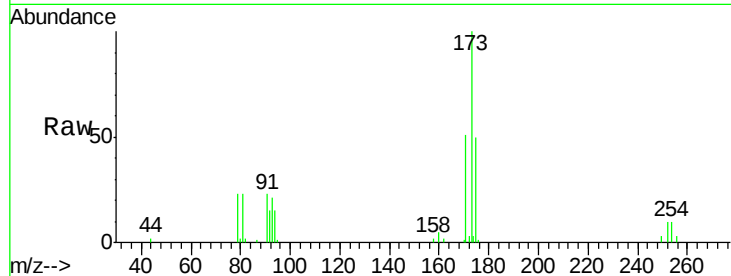
ClientSampleId :

VU0620WBS01

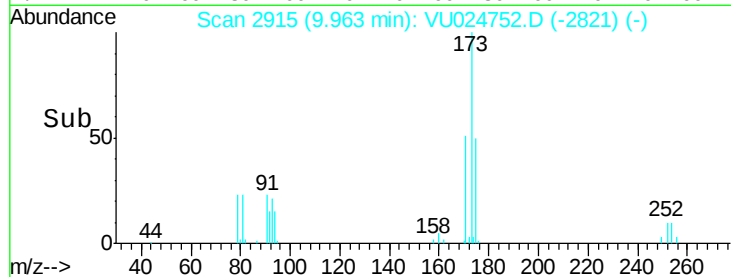
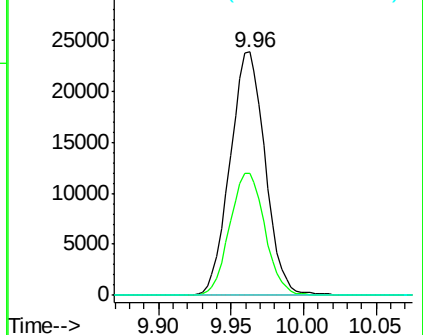
Tot Ion:	173	Resp:	40089
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.6	74.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

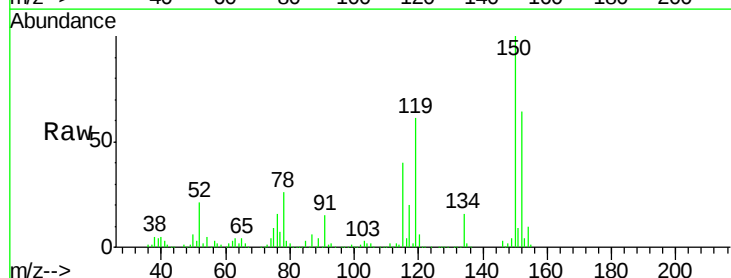
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

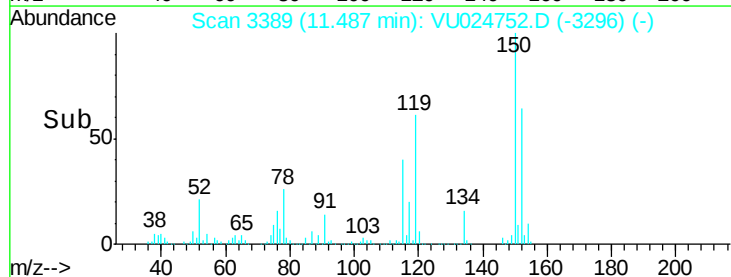
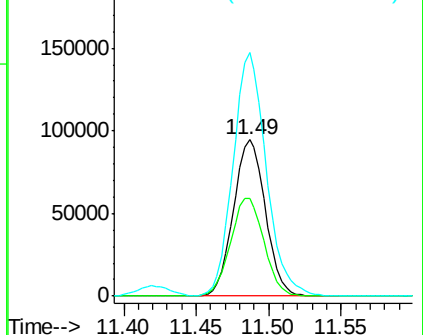
Lab File: VU024752.D

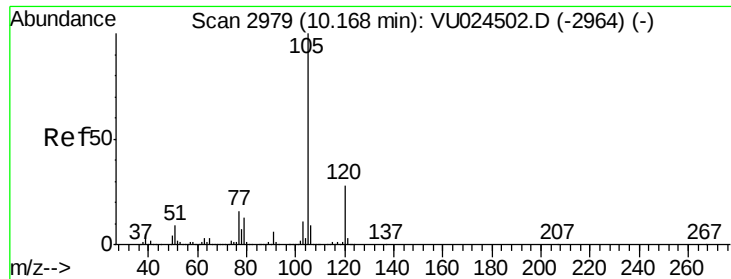
Acq: 20 Jun 2018 12:56

Tgt Ion:	152	Resp:	144534
Ion Ratio	Lower	Upper	
152	100		
115	65.5	43.0	129.0
150	161.5	0.0	354.0



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: 18.78 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 105 Resp: 208399

Ion Ratio Lower Upper

105 100

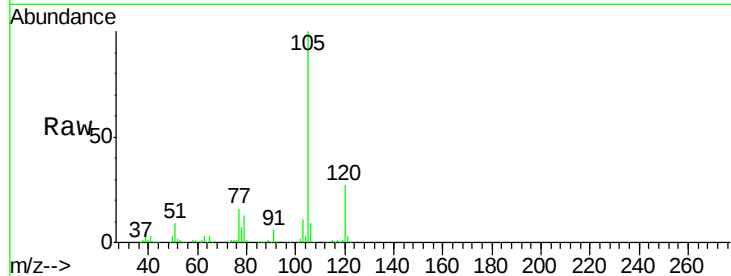
120 26.6 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

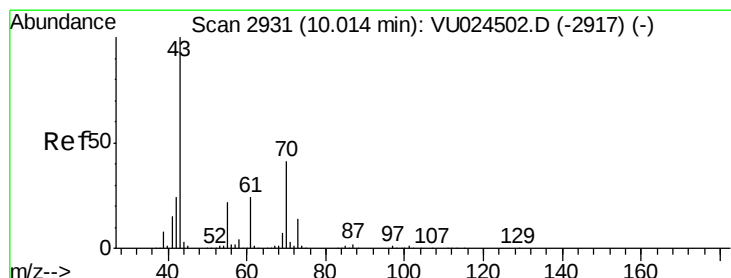
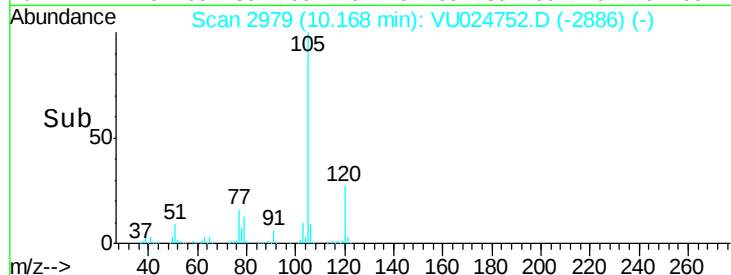
10.17

100000

50000

0

Time--> 10.10 10.20



#74

N-ethyl acetate

Concen: 18.32 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion: 43 Resp: 96698

Ion Ratio Lower Upper

43 100

70 42.0 32.2 48.4

55 23.3 20.5 30.7

61 23.7 18.7 28.1

Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

100000

80000

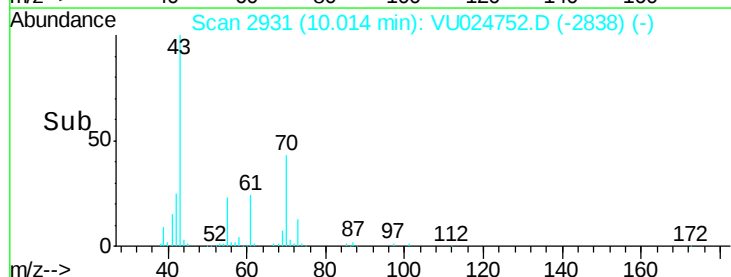
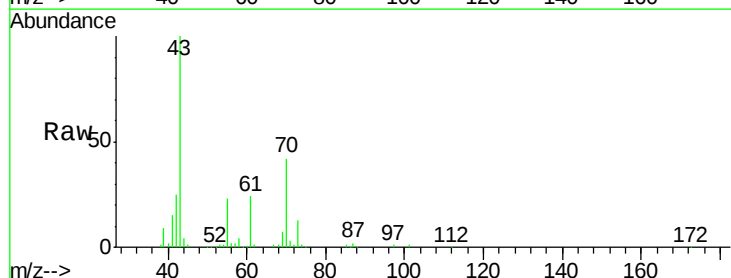
60000

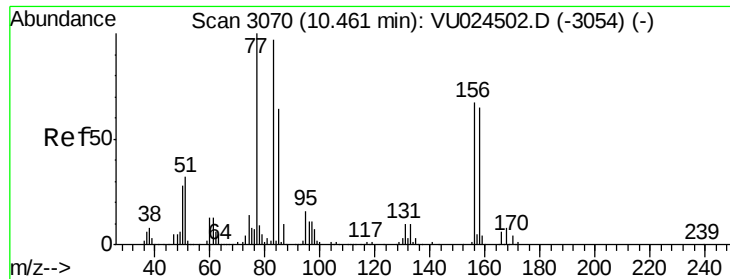
40000

20000

0

Time--> 9.95 10.00 10.05 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.02 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 83 Resp: 74432

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

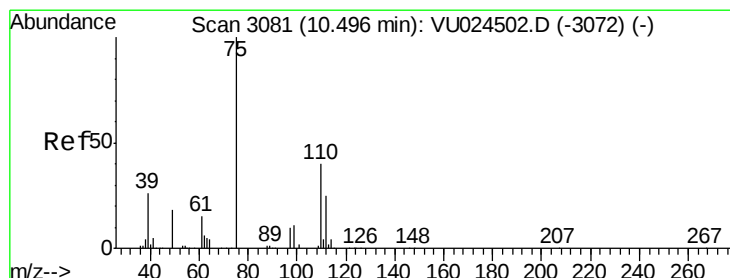
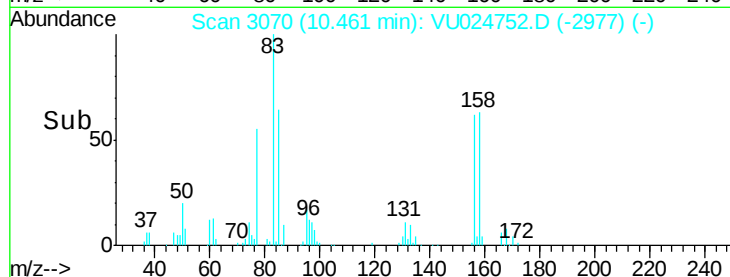
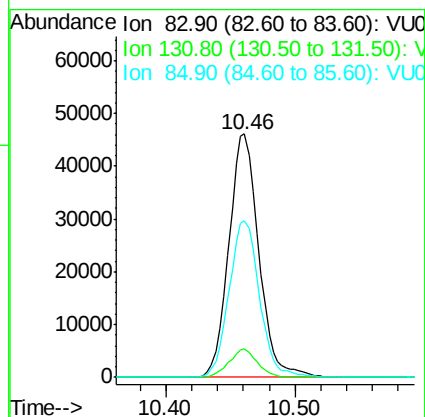
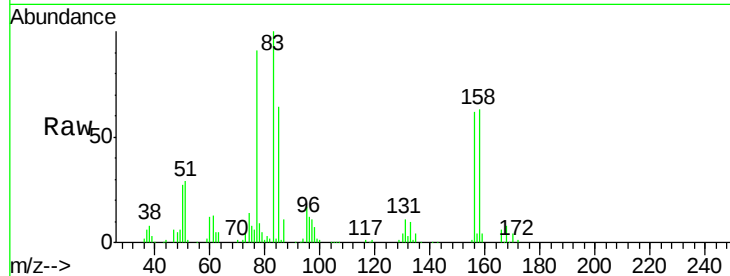
85 65.5 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 19.40 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024752.D

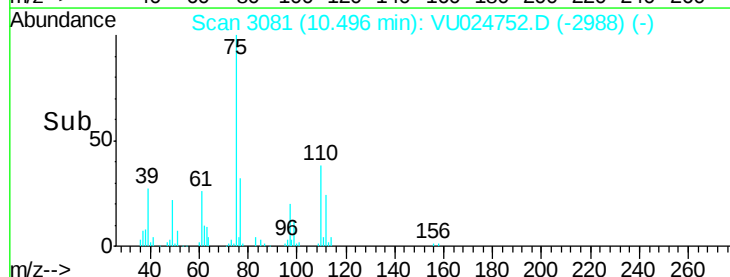
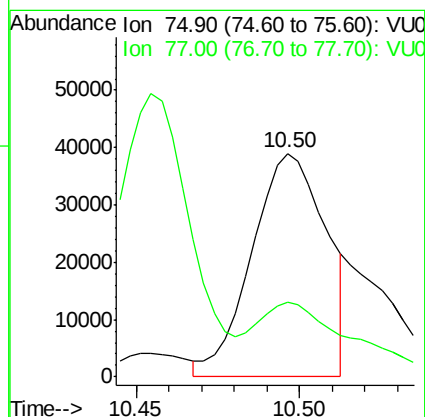
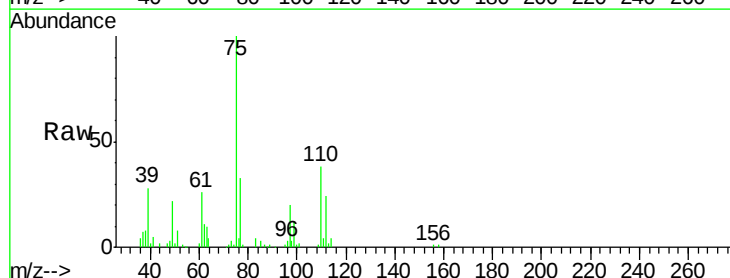
Acq: 20 Jun 2018 12:56

Tgt Ion: 75 Resp: 61733

Ion Ratio Lower Upper

75 100

77 44.3 20.9 62.7





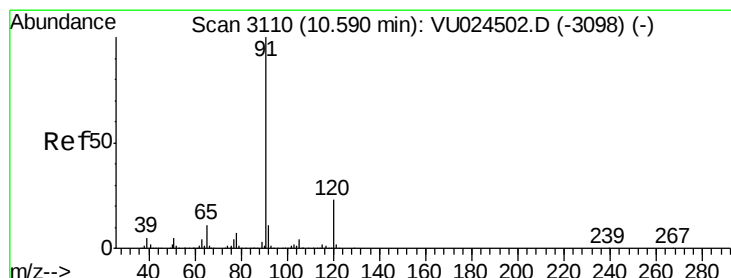
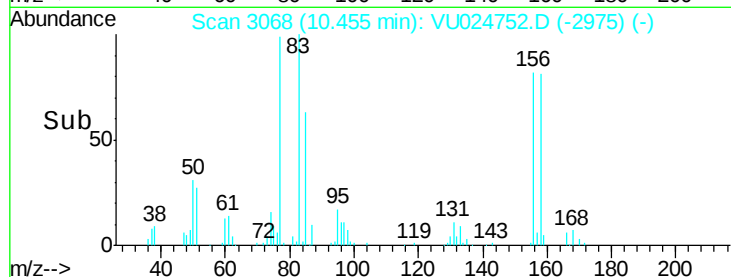
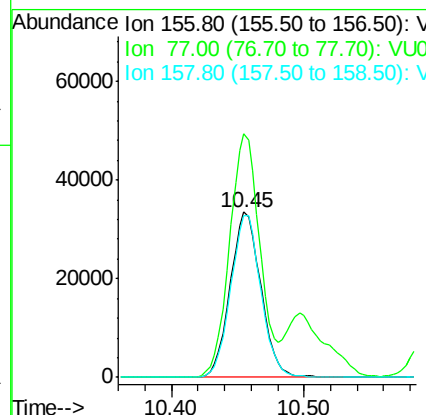
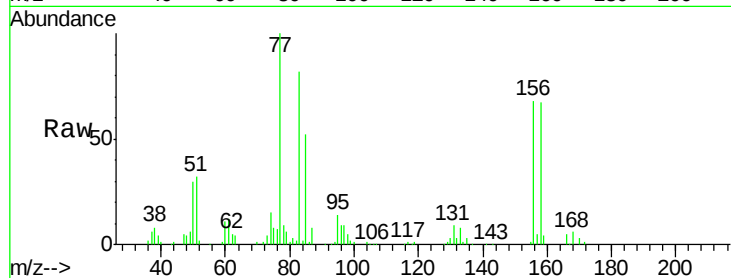
#77
Bromobenzene
Concen: 19.18 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.1	80.5	241.3
158	96.6	48.2	144.6

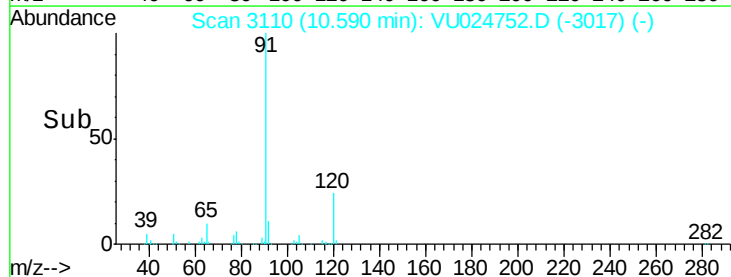
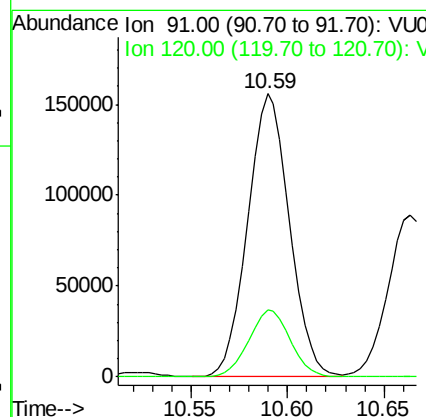
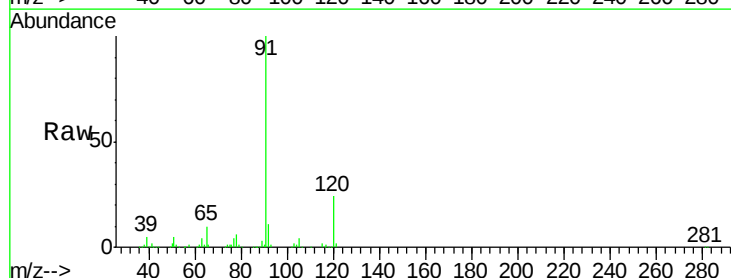
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#78
n-propylbenzene
Concen: 17.86 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5





#79

2-Chlorotoluene

Concen: 18.18 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion: 91 Resp: 140114

Ion Ratio Lower Upper

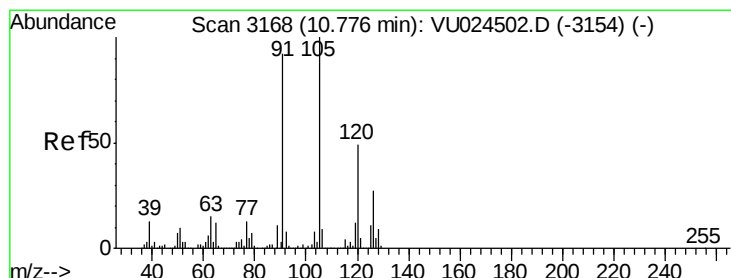
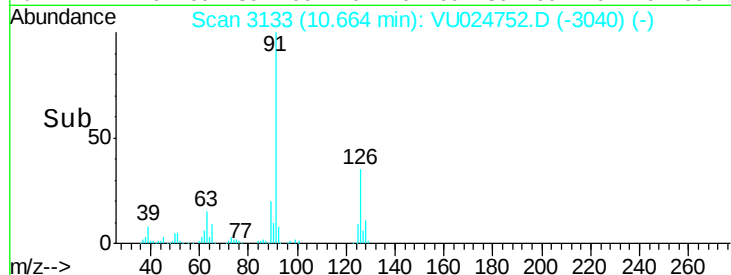
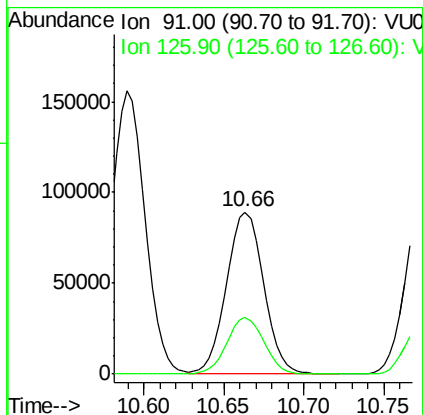
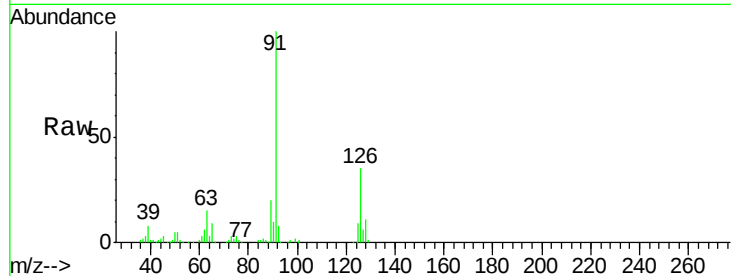
91 100

126 35.2 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 18.48 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024752.D

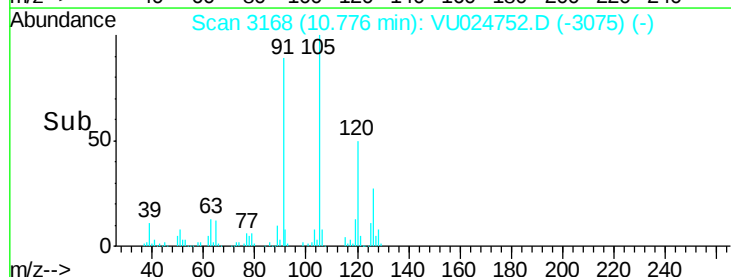
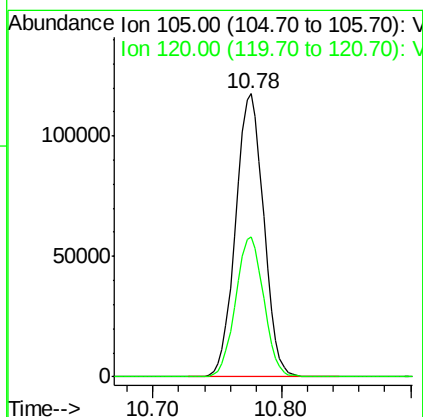
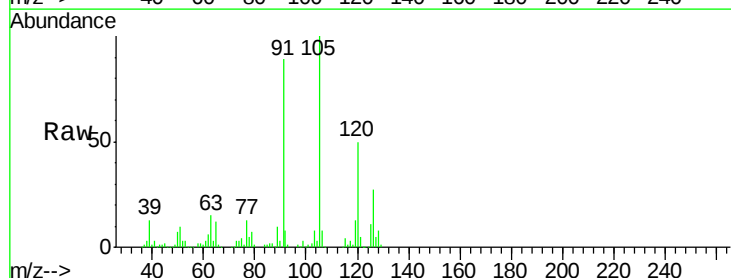
Acq: 20 Jun 2018 12:56

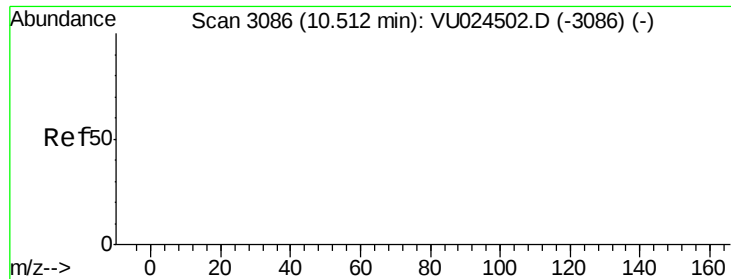
Tgt Ion: 105 Resp: 177714

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.2





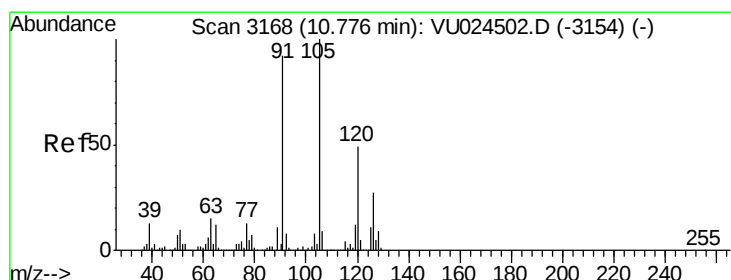
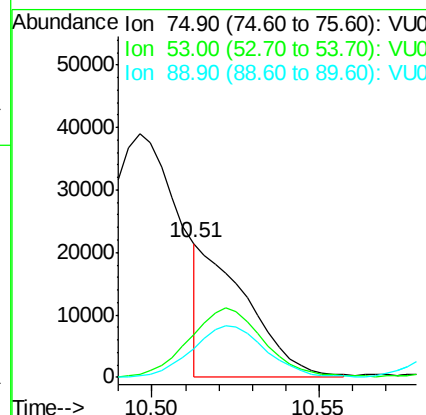
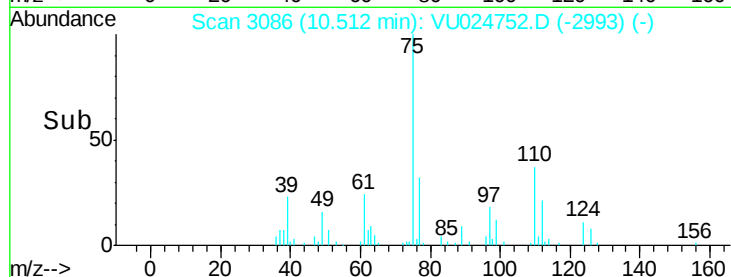
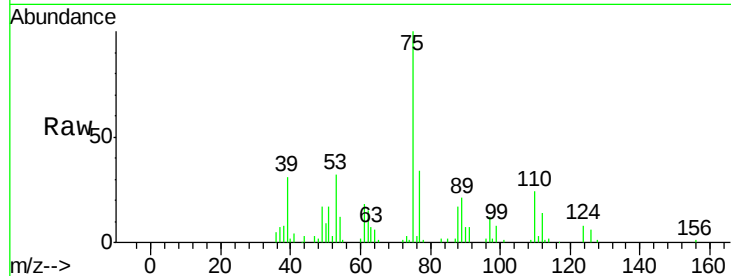
#81
trans-1,4-Dichloro-2-butene
Concen: 15.66 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampled :
VU0620WBS01

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

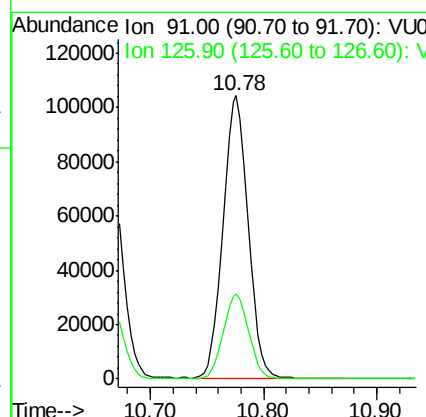
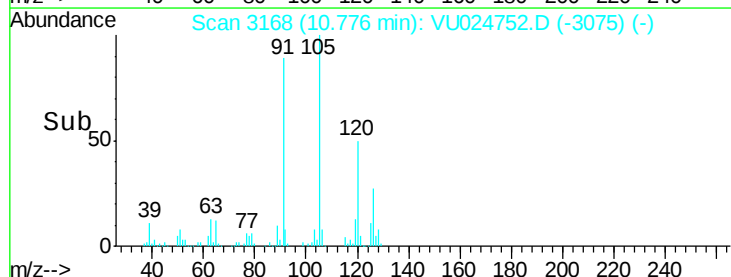
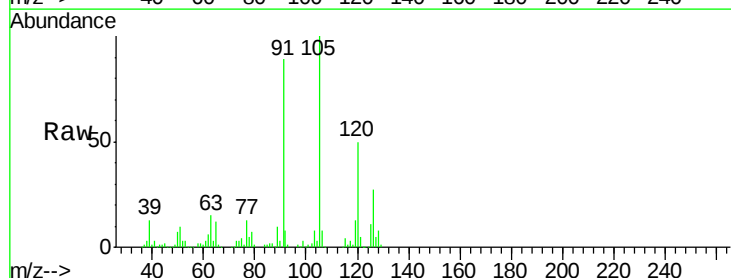
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#82
4-Chlorotoluene
Concen: 17.90 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





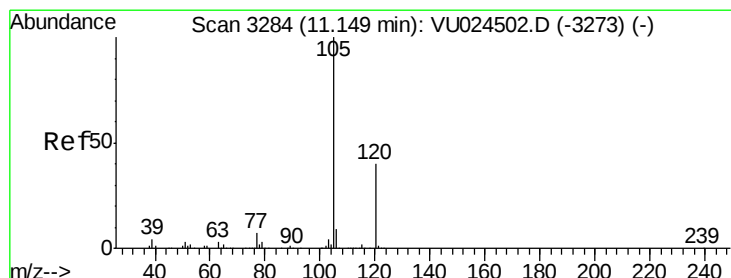
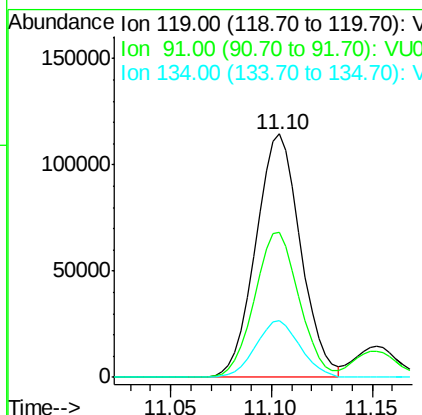
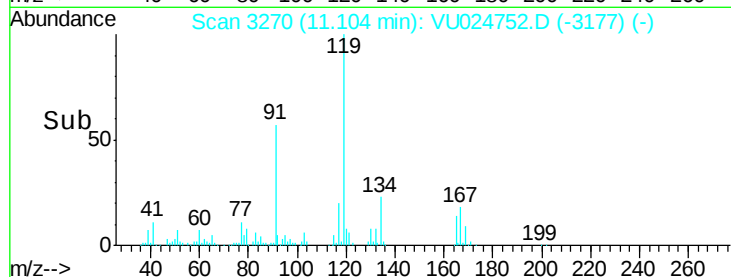
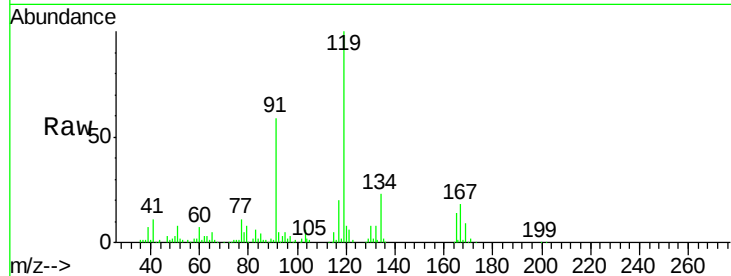
#83
tert-Butylbenzene
Concen: 19.19 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	119	Resp	177544
Ion Ratio	Lower	Upper	
119	100		
91	59.8	29.7	89.1
134	23.1	11.6	34.7

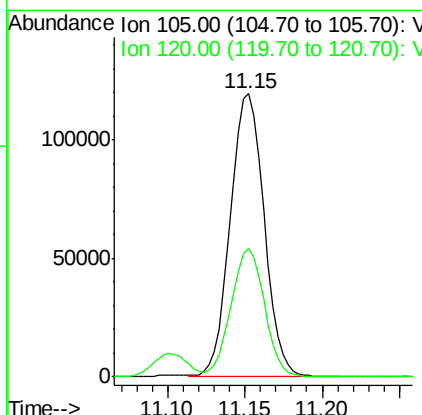
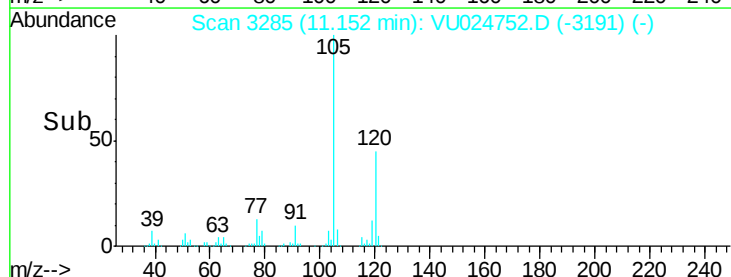
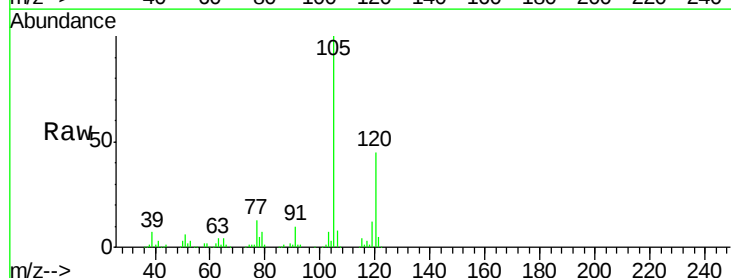
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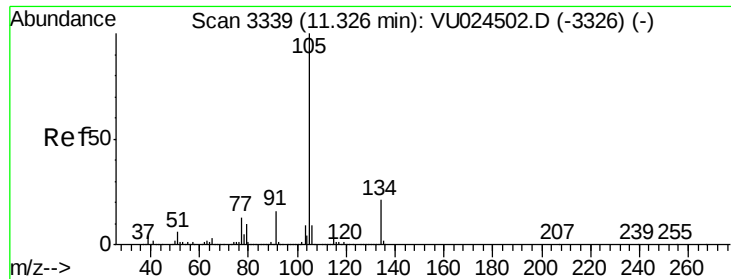
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#84
1,2,4-Trimethylbenzene
Concen: 18.47 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	105	Resp	181019
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 18.13 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

ClientSampleId :

VU0620WBS01

Tot Ion:105 Resp: 209986

Ion Ratio Lower Upper

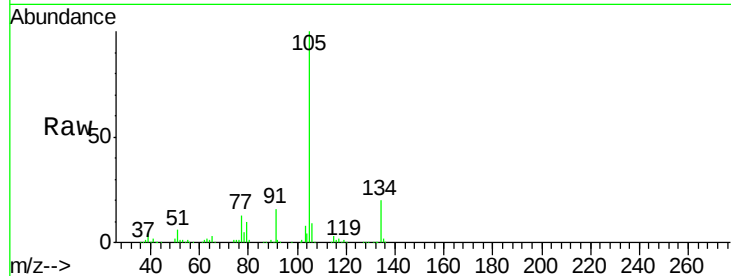
105 100

134 20.5 9.7 29.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

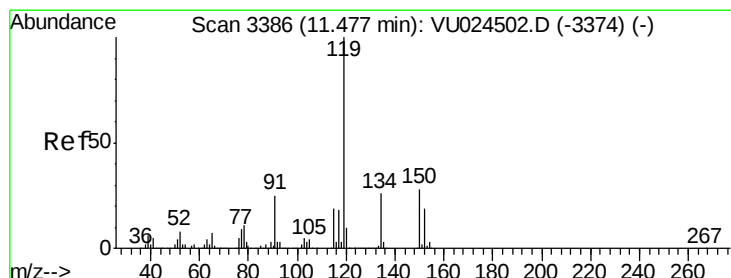
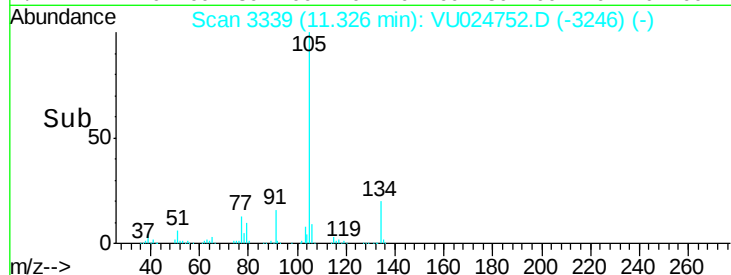
150000

100000

50000

0

Time--> 11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 17.70 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

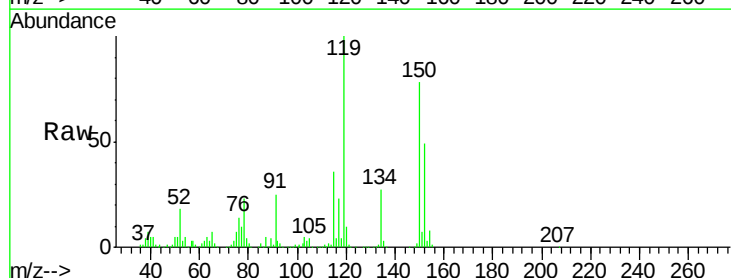
Tgt Ion:119 Resp: 183570

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.6

91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

11.48

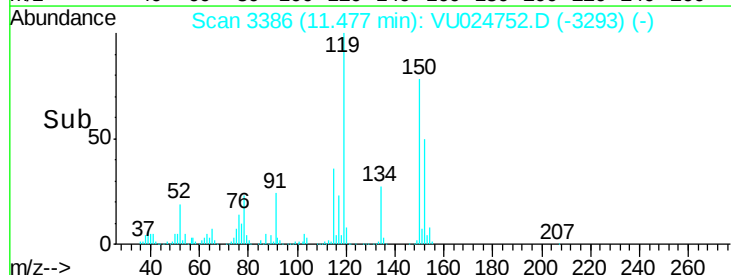
150000

100000

50000

0

Time--> 11.40 11.45 11.50 11.55





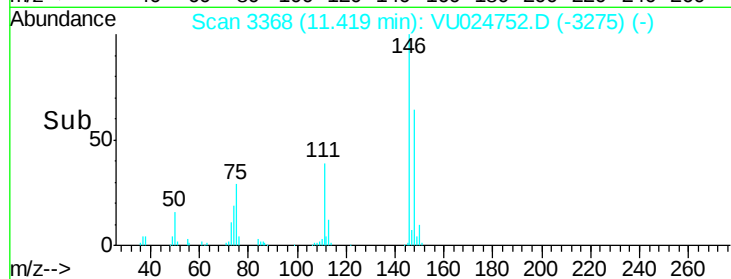
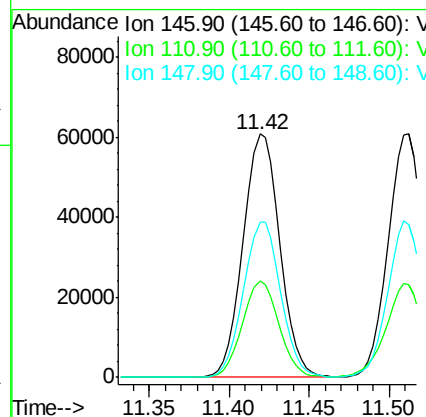
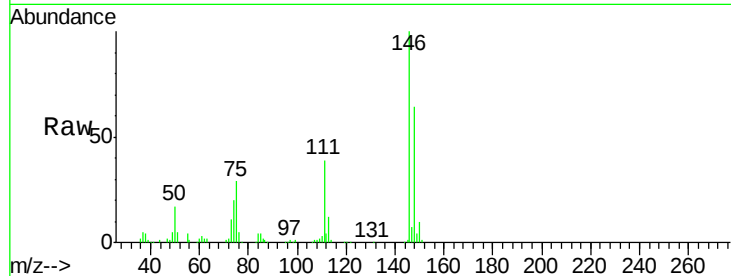
#87
 1,3-Dichlorobenzene
 Concen: 18.37 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	64.5	32.1	96.5

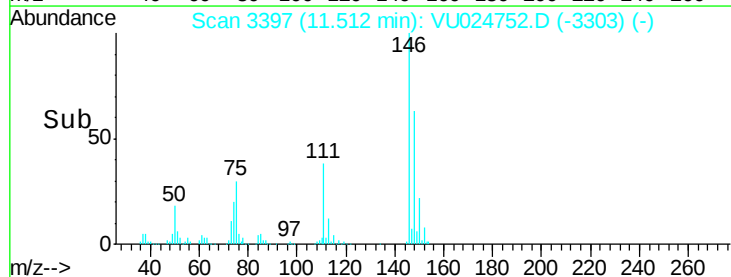
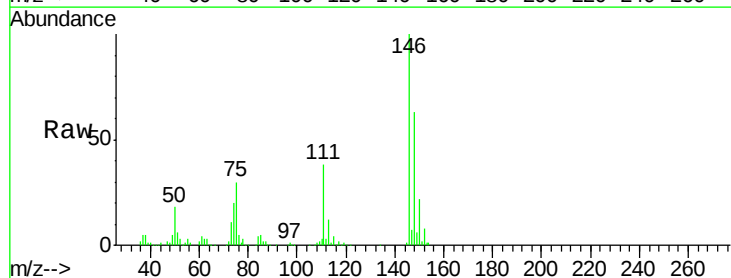
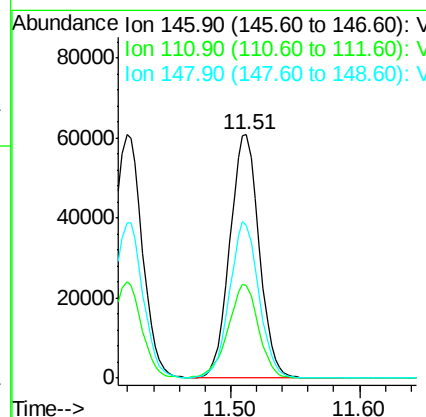
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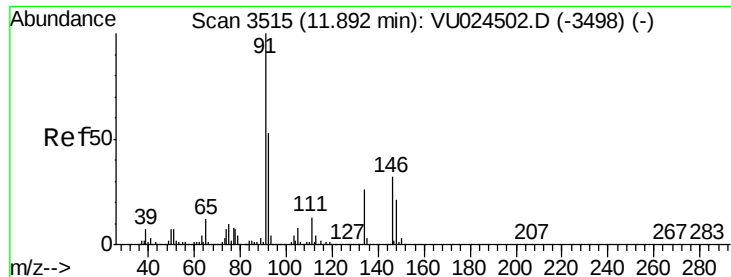
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#88
 1,4-Dichlorobenzene
 Concen: 18.39 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	64.1	32.4	97.0





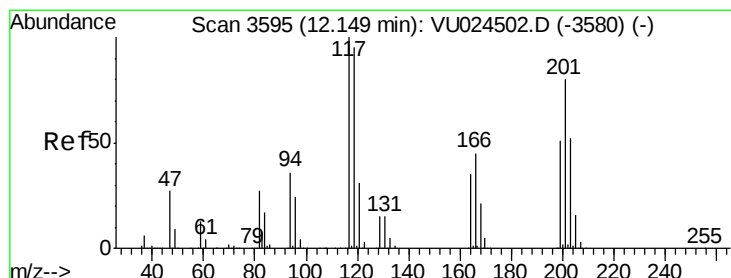
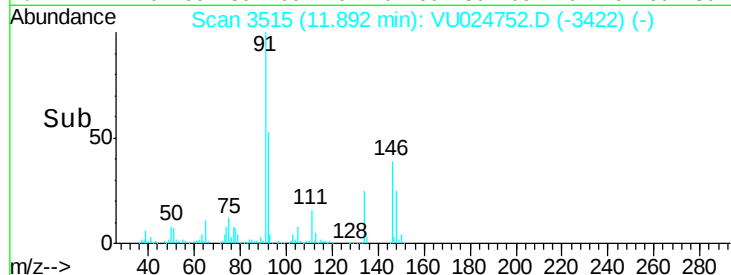
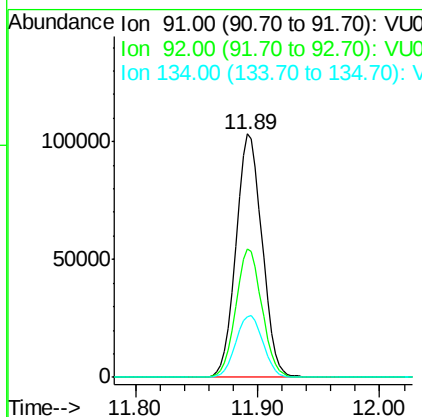
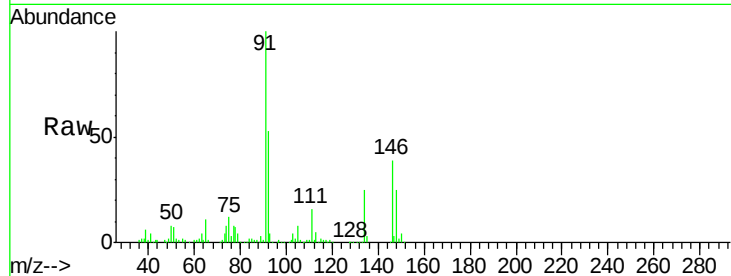
#89
n-Butylbenzene
Concen: 16.66 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Instrument :
MSVOA_U
ClientSampleId :
VU0620WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.6	76.8
134	26.3	12.3	36.8

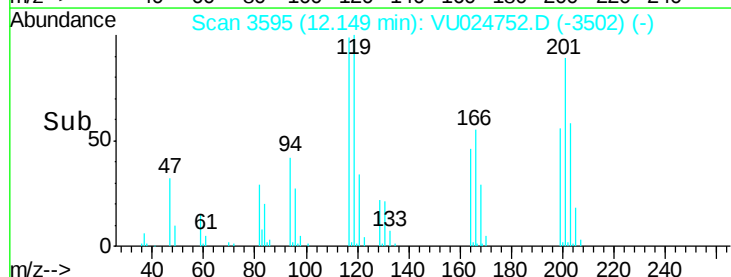
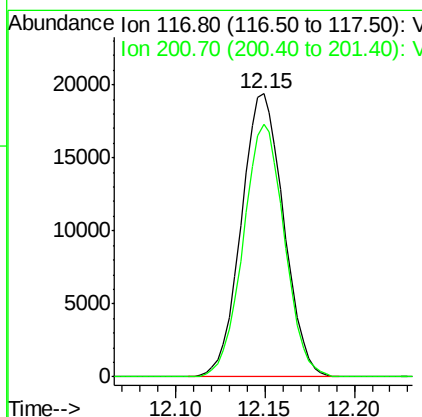
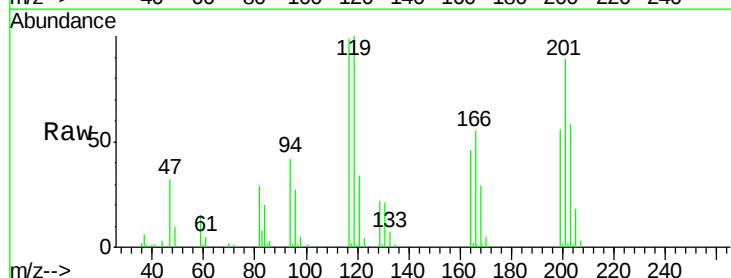
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#90
Hexachloroethane
Concen: 15.92 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024752.D
Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	41.1	123.3





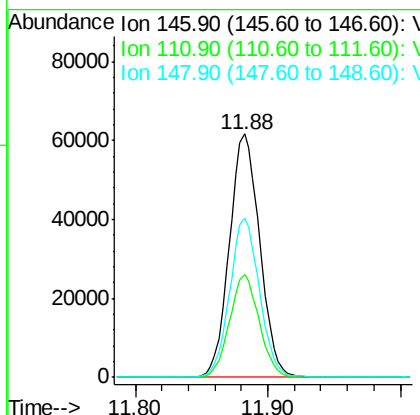
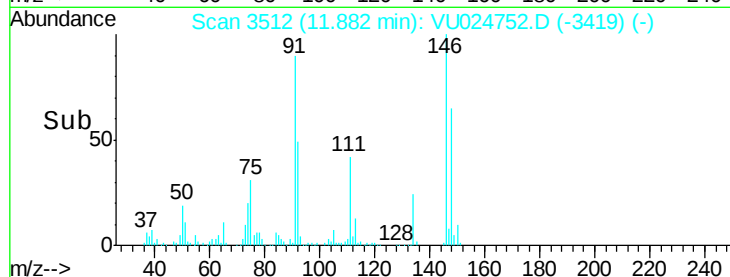
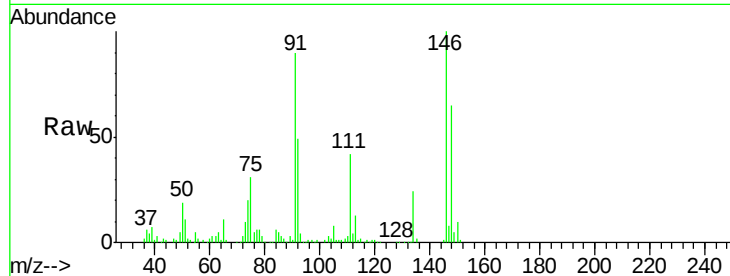
#91
 1,2-Dichlorobenzene
 Concen: 18.87 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.6
148	64.1	31.9	95.7

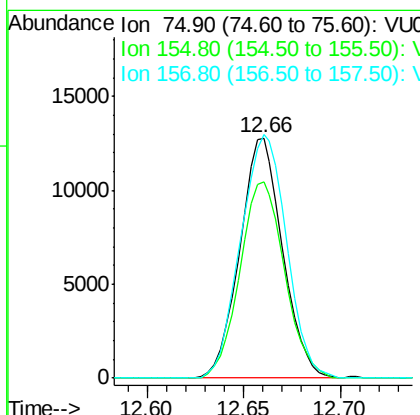
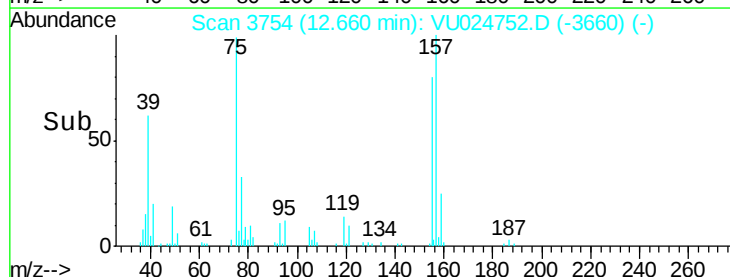
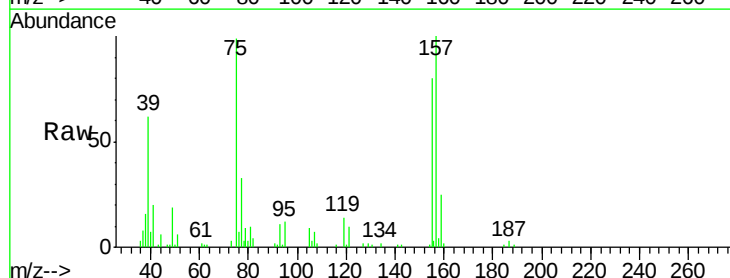
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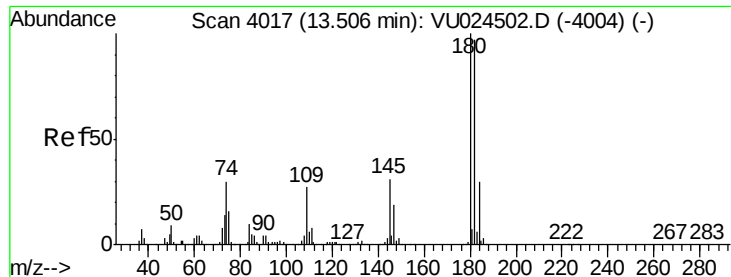
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	40.4	121.2
157	108.5	52.3	156.8





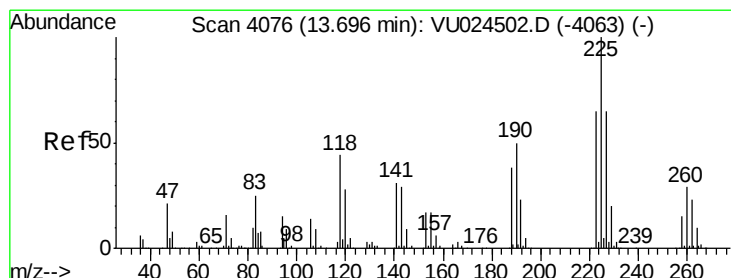
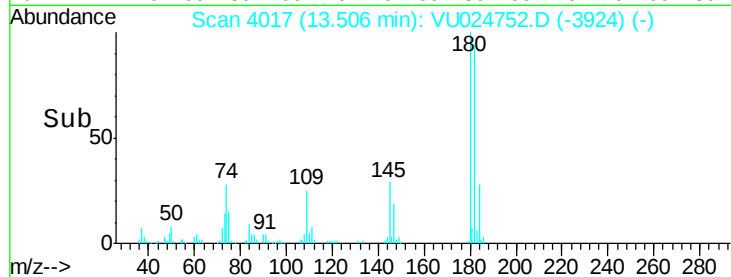
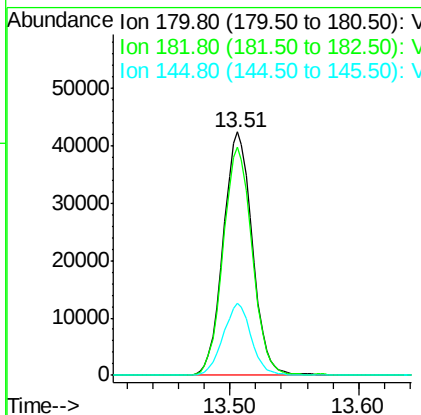
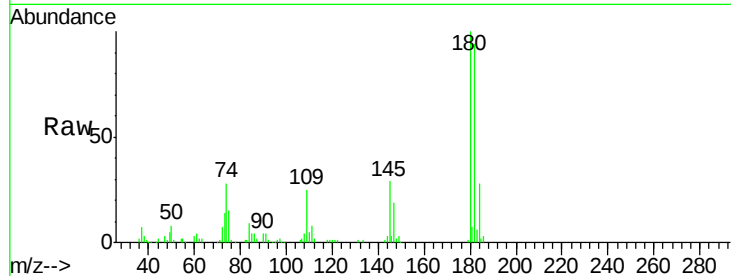
#93
 1,2,4-Trichlorobenzene
 Concen: 20.62 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.2
145	28.4	14.7	44.1

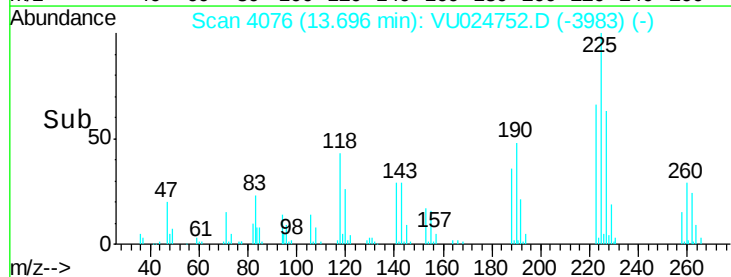
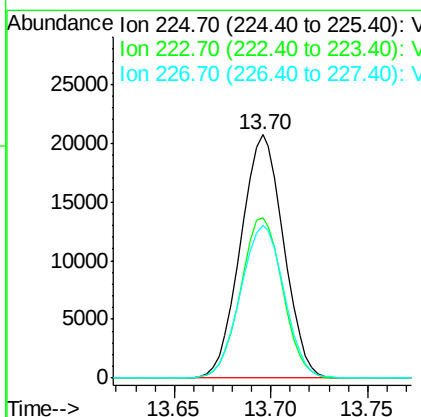
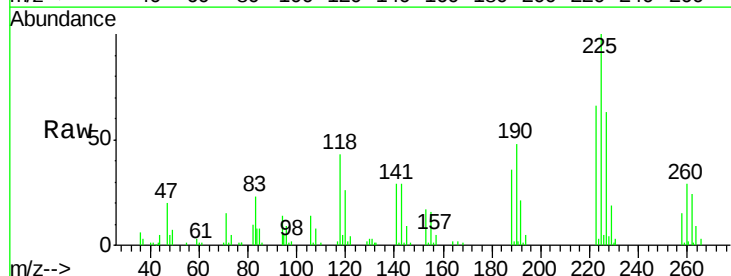
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#94
 Hexachlorobutadiene
 Concen: 17.75 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024752.D
 Acq: 20 Jun 2018 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.3	93.8
227	64.0	31.8	95.4





#95

Naphthalene

Concen: 21.48 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Instrument :

MSVOA_U

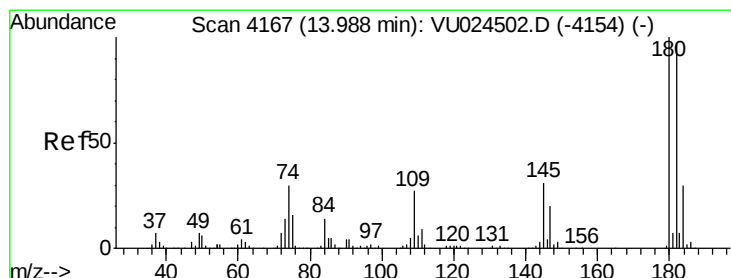
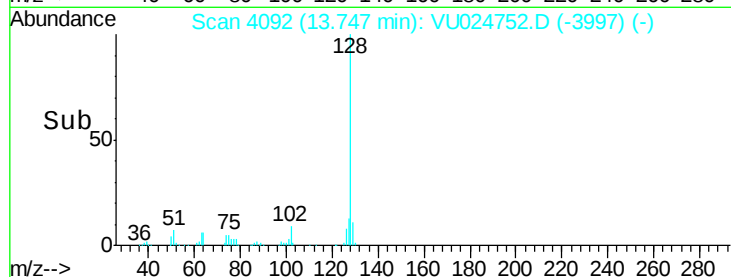
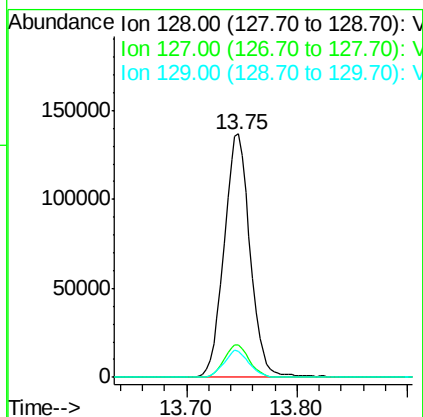
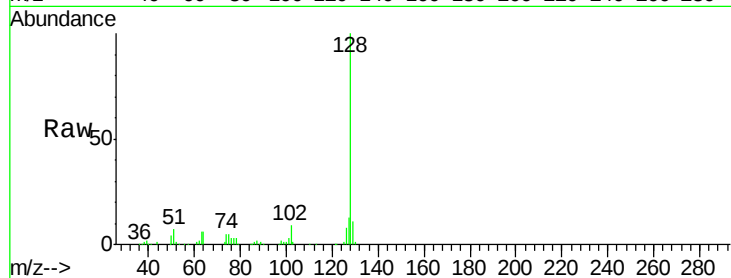
ClientSampleId :

VU0620WBS01

Tot Ion:	128	Resp:	224065
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 21.27 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024752.D

Acq: 20 Jun 2018 12:56

Tgt Ion:	180	Resp:	68027
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.9	143.7
145	30.1	15.4	46.1

