

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025136.D
 Acq On : 02 Jul 2018 12:17
 Operator : MD/SY
 Sample : VU0702WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Manual Integrations
 APPROVED

sam
 7/3/2018 3:52:36 PM

Quant Time: Jul 03 04:25:58 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	170530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251605	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	135736	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	4.89	113	110662	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	7.57	98	353039	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	10.31	95	151565	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35220	16.50	ug/l	97
3) Chloromethane	1.33	50	38346	17.58	ug/l	99
4) Vinyl Chloride	1.40	62	39989	17.78	ug/l	98
5) Bromomethane	1.62	94	22732	20.91	ug/l	98
6) Chloroethane	1.70	64	26372	20.36	ug/l	99
7) Trichlorofluoromethane	1.89	101	68721	20.02	ug/l	98
8) Diethyl Ether	2.10	74	26137	21.30	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41561	19.52	ug/l	97
10) Methyl Iodide	2.41	142	32882	21.61	ug/l	99
11) Tert butyl alcohol	2.82	59	67013	98.97	ug/l	99
12) 1,1-Dichloroethene	2.28	96	36708	18.90	ug/l	97
13) Acrolein	2.19	56	19868	55.88	ug/l	98
14) Allyl chloride	2.59	41	65203	18.09	ug/l	99
15) Acrylonitrile	2.94	53	131756	100.02	ug/l	98
16) Acetone	2.32	43	152721	102.10	ug/l	97
17) Carbon Disulfide	2.48	76	103837	16.70	ug/l	98
18) Methyl Acetate	2.62	43	78496	24.48	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	152014	20.83	ug/l	95
20) Methylene Chloride	2.70	84	46670	19.88	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	41766	19.53	ug/l	95
22) Diisopropyl ether	3.57	45	147531	20.64	ug/l	95
23) Vinyl Acetate	3.53	43	617115	96.39	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82730	20.12	ug/l	98
25) 2-Butanone	4.26	43	203744	101.41	ug/l	97
26) 2,2-Dichloropropane	4.23	77	77797	19.93	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	49370	20.08	ug/l	99
28) Bromochloromethane	4.55	49	36990	20.43	ug/l	86
29) Tetrahydrofuran	4.63	42	121696	97.81	ug/l	97
30) Chloroform	4.68	83	86573	20.80	ug/l	98
31) Cyclohexane	5.00	56	74130	19.08	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	78450	20.39	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60444	20.44	ug/l	96
37) Ethyl Acetate	4.38	43	70375	21.84	ug/l #	97
38) Carbon Tetrachloride	5.14	117	69570	21.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77277	20.94	ug/l	95
40) Benzene	5.39	78	180363	21.41	ug/l	99
41) Methacrylonitrile	4.54	41	39598	22.79	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77068	24.02	ug/l	99
43) Isopropyl Acetate	5.55	43	114700	20.59	ug/l	99
44) Trichloroethene	6.19	130	50624	21.11	ug/l	95
45) 1,2-Dichloropropane	6.44	63	47578	21.17	ug/l	99
46) Dibromomethane	6.56	93	35221	22.31	ug/l	95
47) Bromodichloromethane	6.76	83	66613	21.19	ug/l	96
48) Methyl methacrylate	6.63	41	59146	21.81	ug/l	96
49) 1,4-Dioxane	6.61	88	26136	492.73	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	373225	106.65	ug/l	99
52) Toluene	7.64	92	115043	21.23	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71807	20.34	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	75624	20.10	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47661	21.63	ug/l	98
56) Ethyl methacrylate	8.02	69	77026	20.89	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81023	21.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	131415	93.02	ug/l	93
59) 2-Hexanone	8.36	43	292497	102.38	ug/l	99
60) Dibromochloromethane	8.48	129	53258	19.38	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52611	21.45	ug/l	98
64) Tetrachloroethene	8.23	164	47971	21.31	ug/l	97
65) Chlorobenzene	9.12	112	132105	21.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50535	21.98	ug/l	98
67) Ethyl Benzene	9.25	91	226783	21.38	ug/l	98
68) m/p-Xylenes	9.38	106	174415	42.82	ug/l	99
69) o-Xylene	9.78	106	87529	21.71	ug/l	98
70) Styrene	9.80	104	136603	20.62	ug/l	99
71) Bromoform	9.96	173	41429	18.96	ug/l #	100
73) Isopropylbenzene	10.17	105	234490	21.83	ug/l	99
74) N-amyl acetate	10.01	43	97381	19.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78617	21.84	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	66523m	21.59	ug/l	
77) Bromobenzene	10.45	156	58291	21.43	ug/l	96
78) n-propylbenzene	10.59	91	263043	20.79	ug/l	98
79) 2-Chlorotoluene	10.66	91	159971	21.44	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202510	21.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22755m	17.10	ug/l	
82) 4-Chlorotoluene	10.78	91	184161	21.20	ug/l	100
83) tert-Butylbenzene	11.10	119	200689	22.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	204615	21.56	ug/l	98
85) sec-Butylbenzene	11.33	105	240887	21.49	ug/l	98
86) p-Isopropyltoluene	11.48	119	207228	20.64	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108149	21.52	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106341	21.03	ug/l	99
89) n-Butylbenzene	11.89	91	165737	18.59	ug/l	96
90) Hexachloroethane	12.15	117	34810	17.77	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	110281	21.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19410	19.54	ug/l	93

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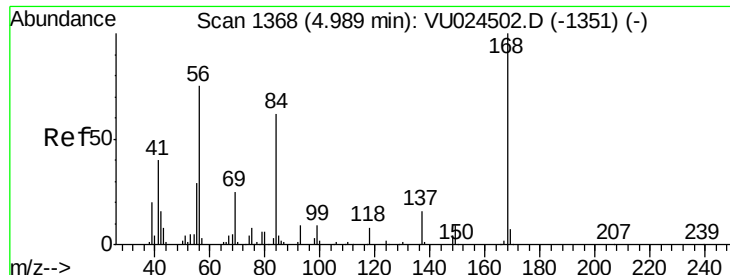
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	66042	21.25	ug/l	99
94) Hexachlorobutadiene	13.70	225	37355	21.36	ug/l	98
95) Naphthalene	13.75	128	220232	21.79	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	71694	23.15	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion:168 Resp: 170530

Ion Ratio Lower Upper

168 100

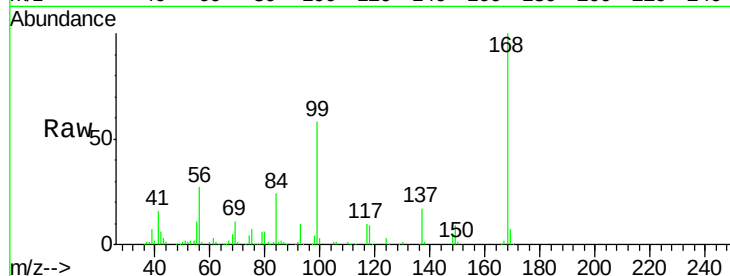
99 57.3 43.2 64.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU025136.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025136.D (-1275) (-)

4.99

80000

60000

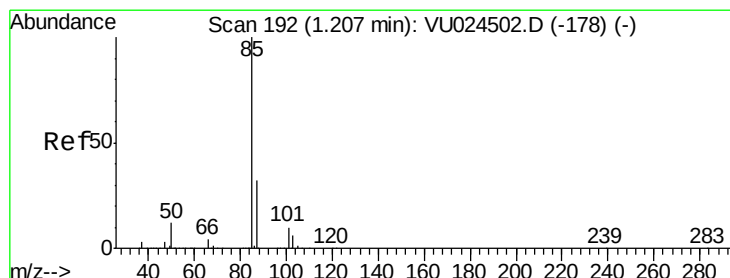
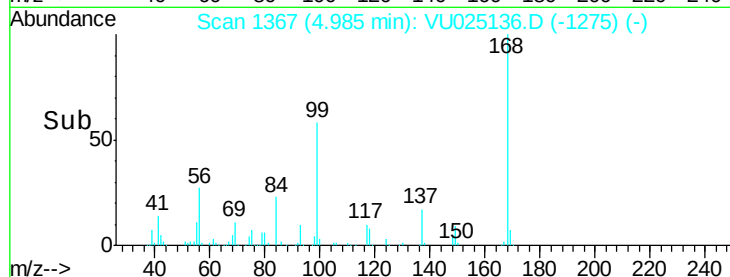
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.50 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025136.D

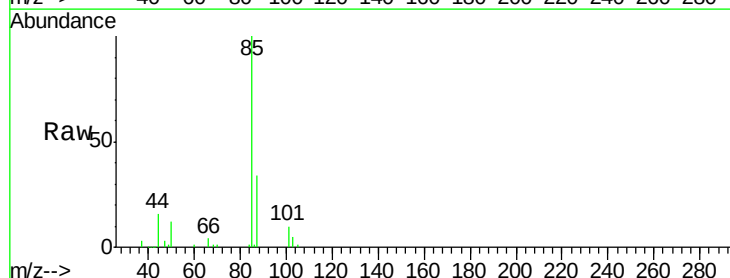
Acq: 02 Jul 2018 12:17

Tgt Ion: 85 Resp: 35220

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU025136.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU025136.D (-99) (-)

1.20

30000

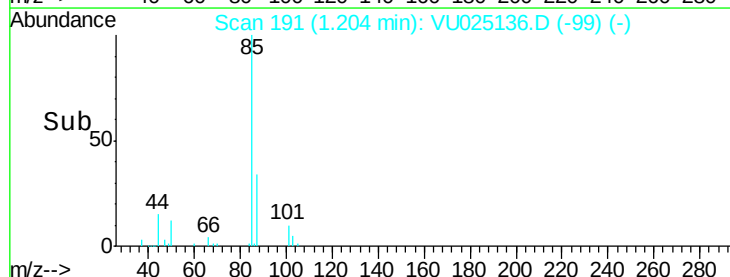
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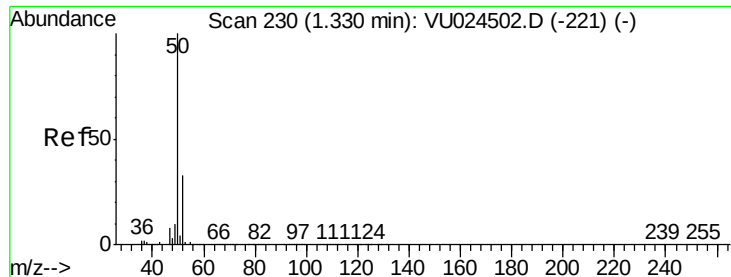
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.58 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 50 Resp: 38346

Ion Ratio Lower Upper

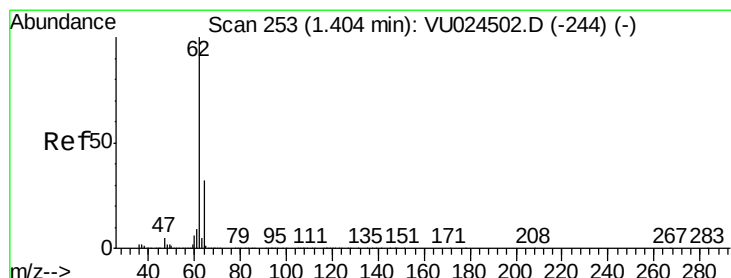
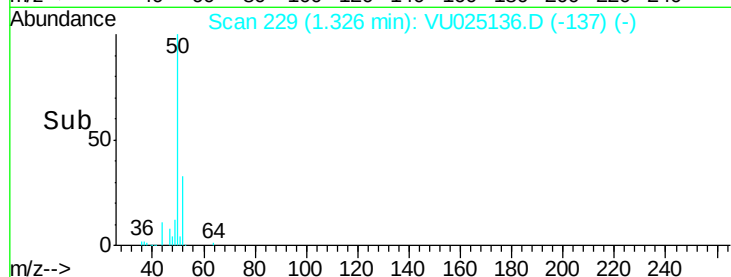
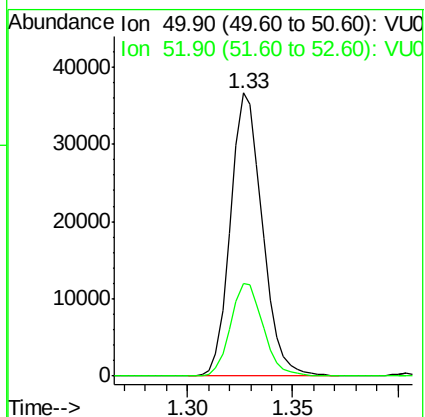
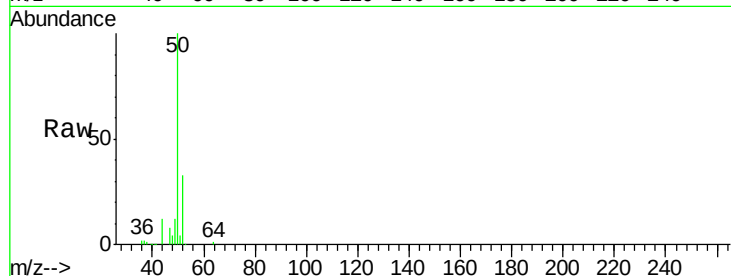
50 100

52 32.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 17.78 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025136.D

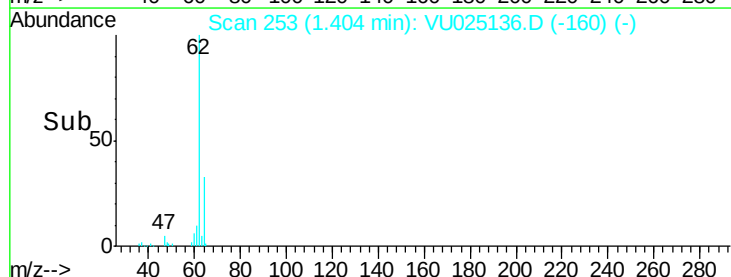
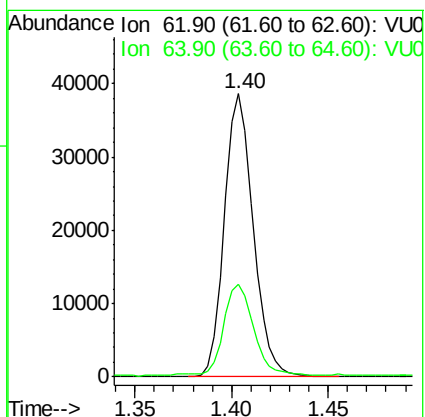
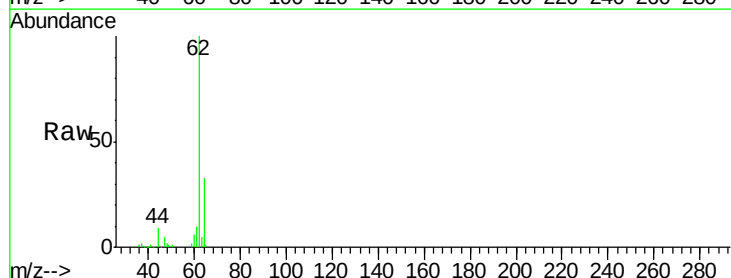
Acq: 02 Jul 2018 12:17

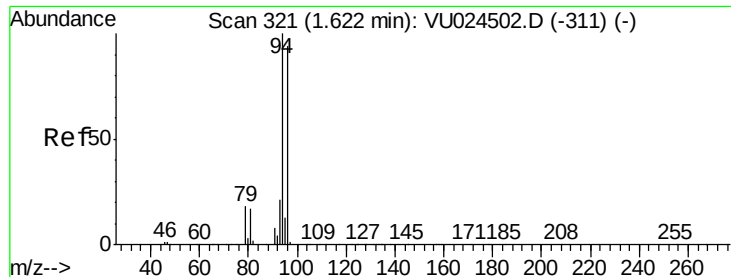
Tgt Ion: 62 Resp: 39989

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 20.91 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 94 Resp: 22732

Ion Ratio Lower Upper

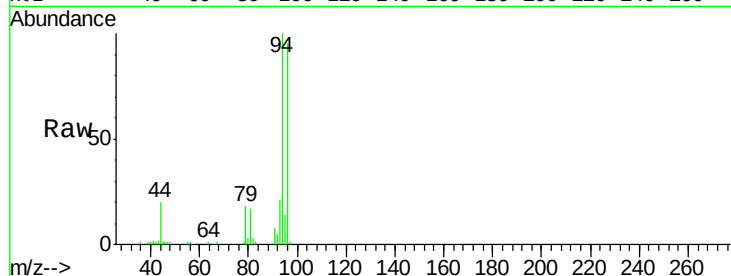
94 100

96 95.1 74.5 111.7

Manual Integrations
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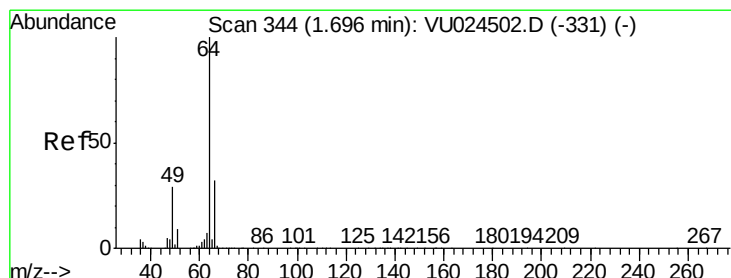
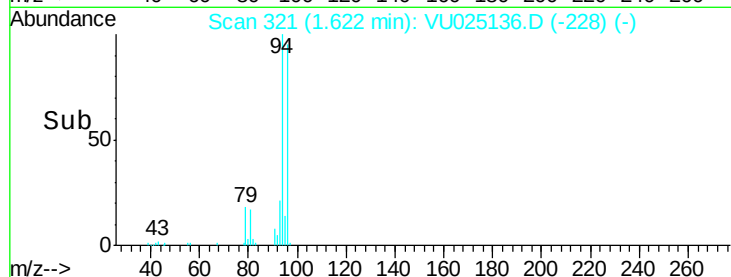
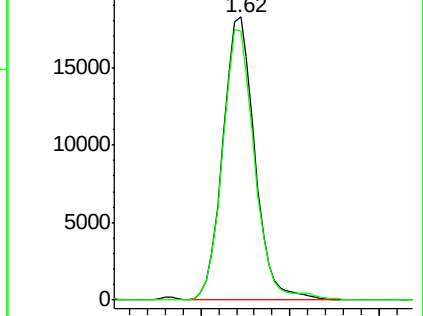
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.36 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025136.D

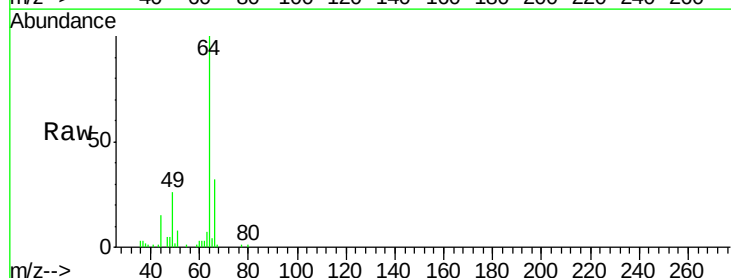
Acq: 02 Jul 2018 12:17

Tgt Ion: 64 Resp: 26372

Ion Ratio Lower Upper

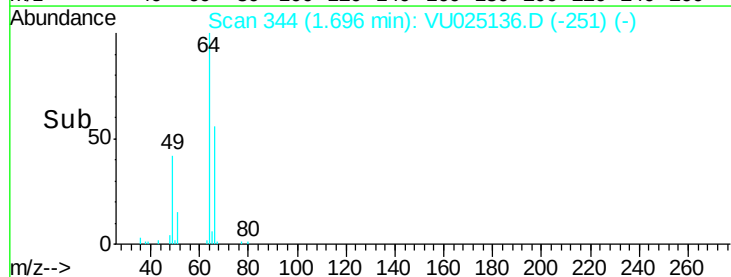
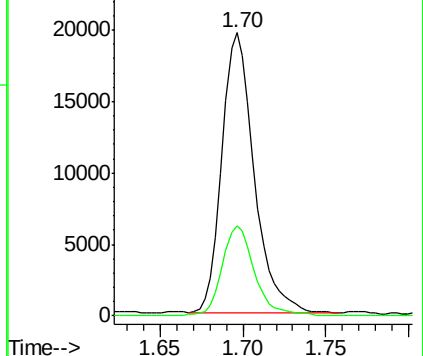
64 100

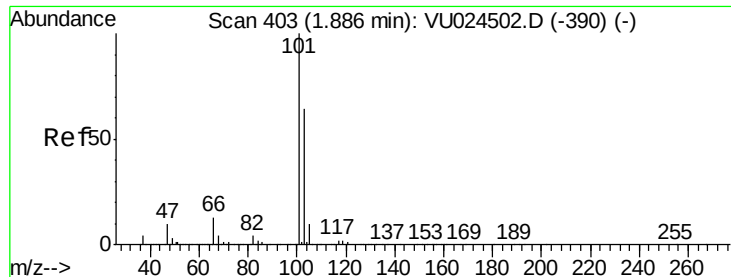
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

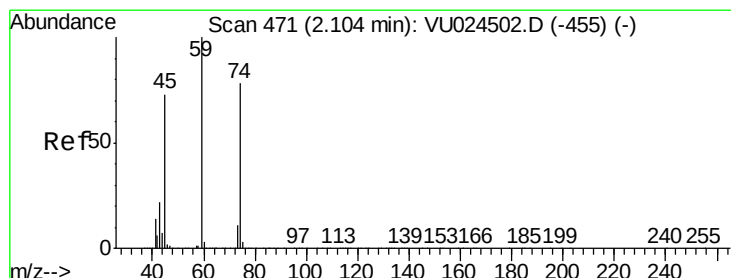
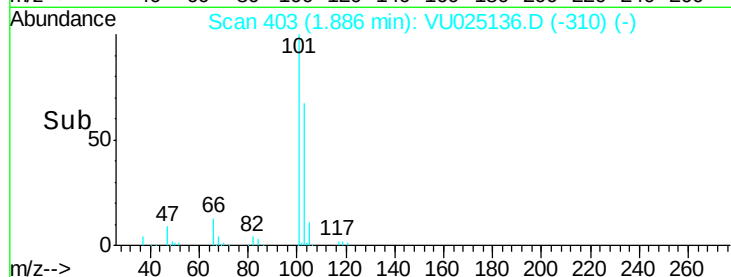
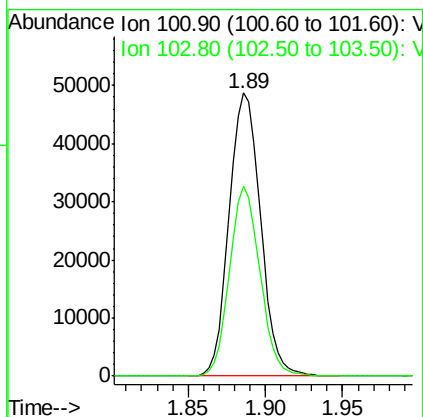
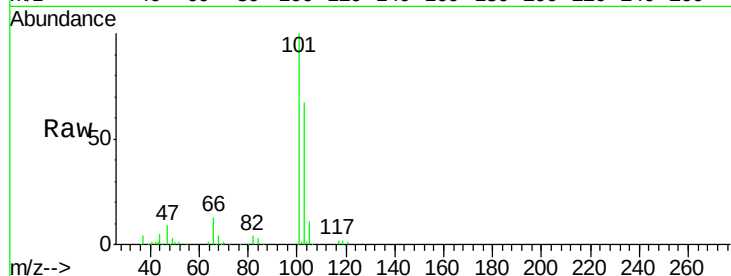
Trichlorofluoromethane
 Concen: 20.02 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
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 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.3	78.5

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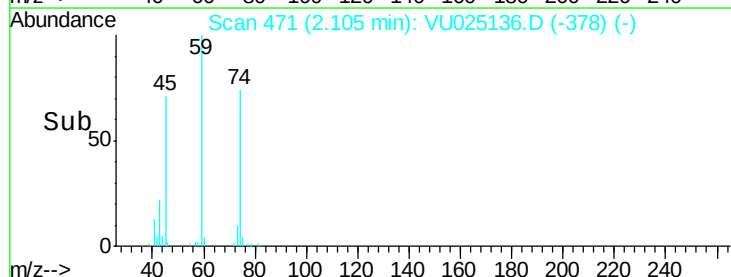
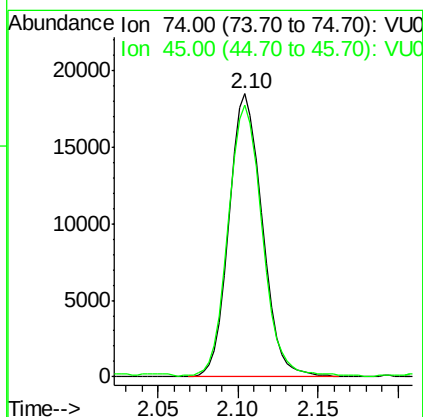
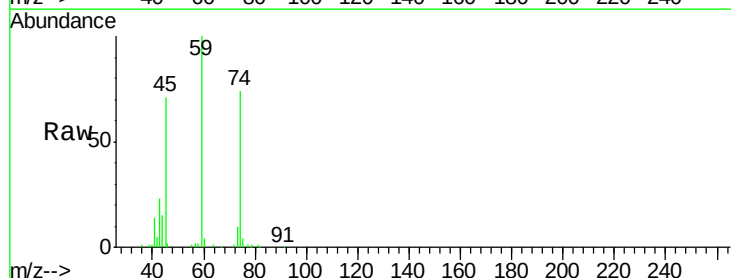
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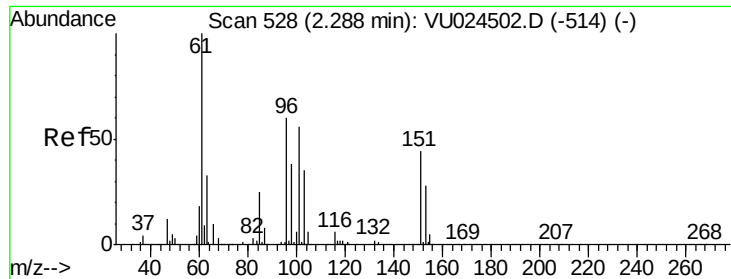


#8

Diethyl Ether
 Concen: 21.30 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.52 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

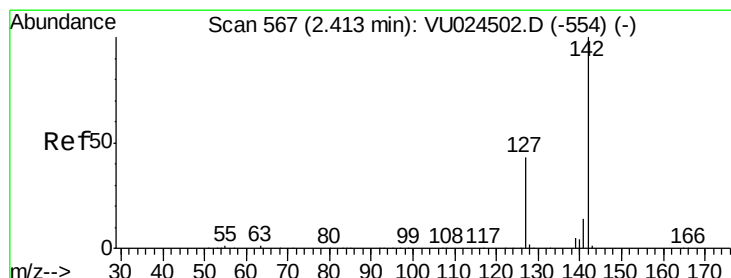
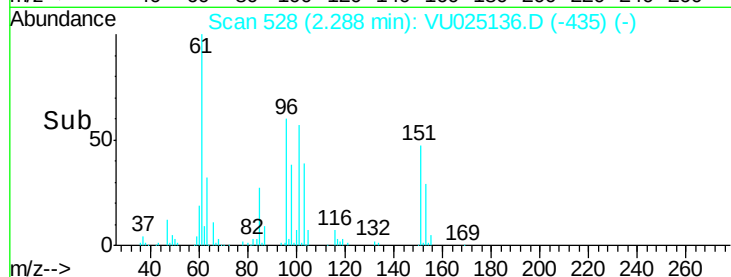
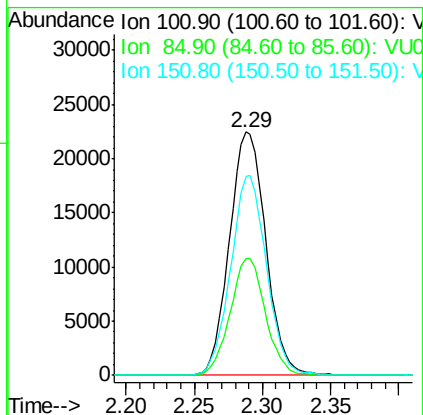
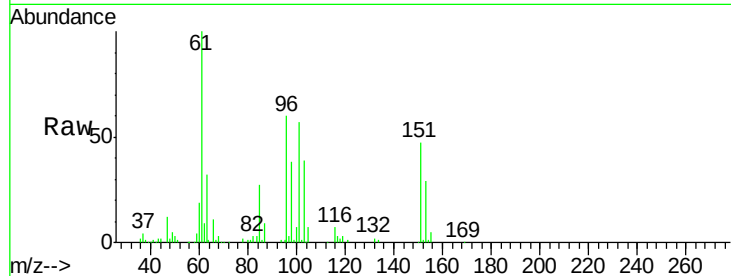
ClientSampleId :

VU0702WBSD01

Tot Ion:	101	Resp:	41561
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.0	54.0
151	80.7	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 21.61 ug/l

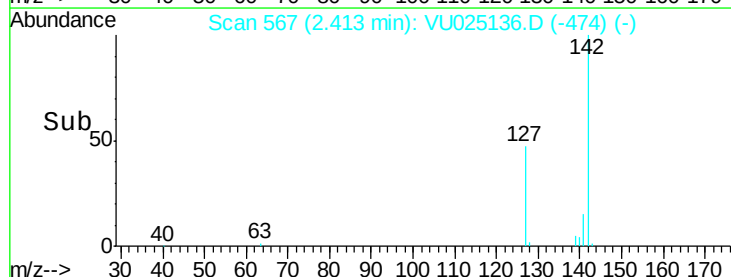
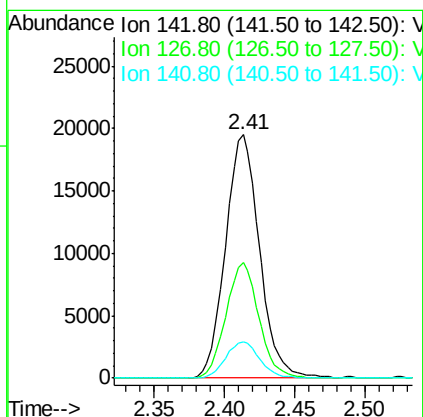
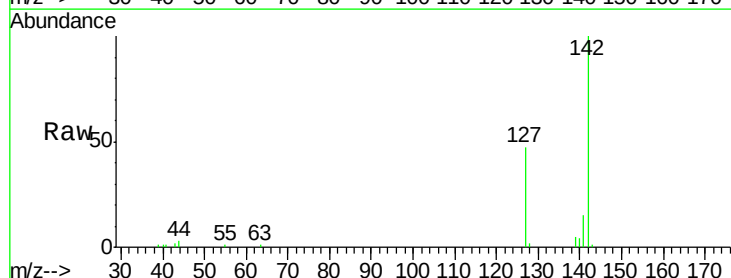
RT: 2.41 min Scan# 567

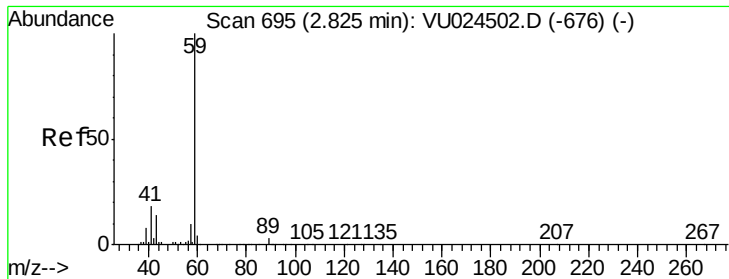
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	142	Resp:	32882
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.7	11.7	17.5





#11

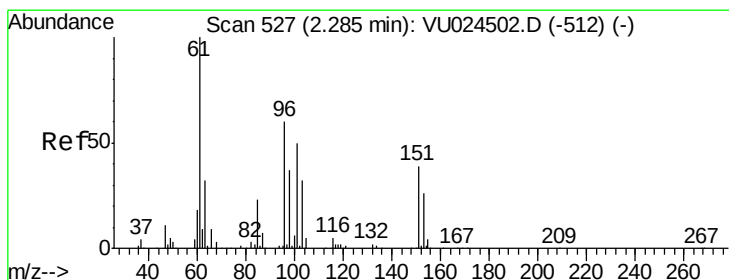
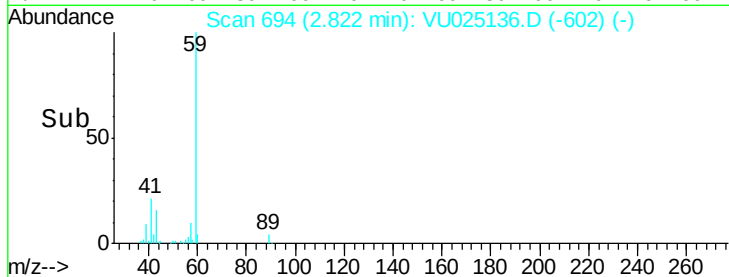
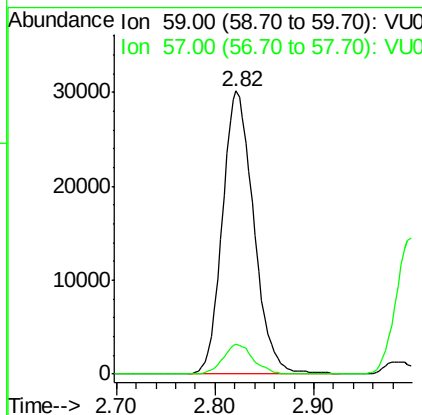
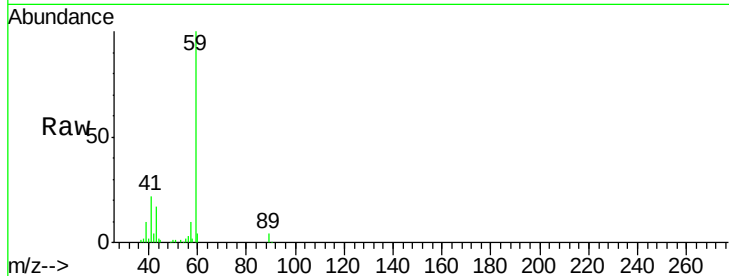
Tert butyl alcohol
 Concen: 98.97 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
 APPROVED

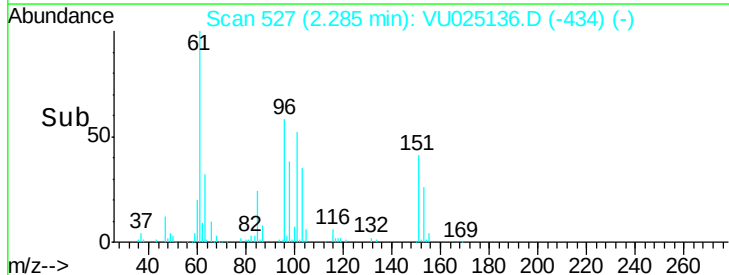
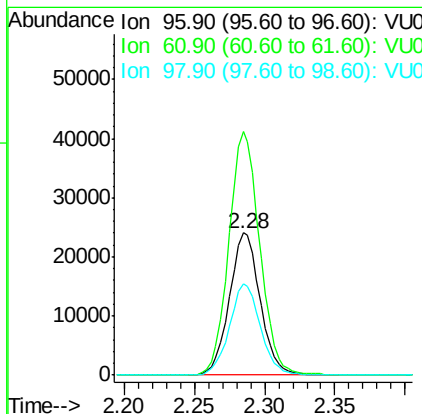
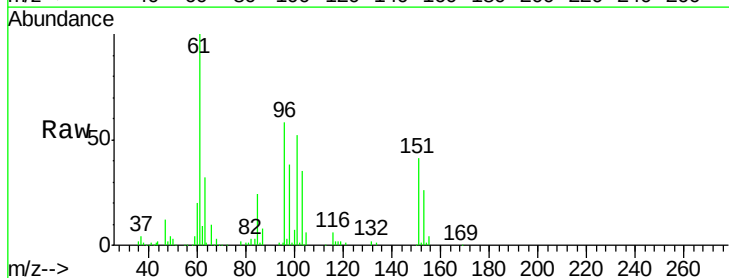
sam
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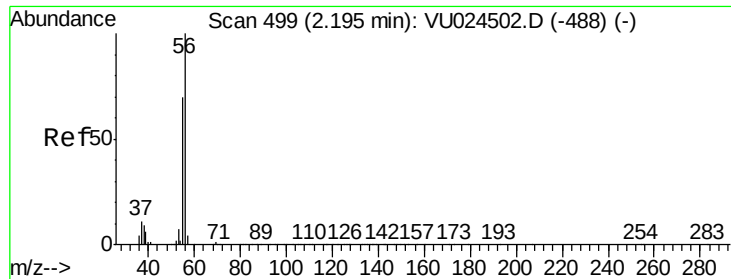


#12

1,1-Dichloroethene
 Concen: 18.90 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.3	141.7	212.5
98	64.3	51.6	77.4





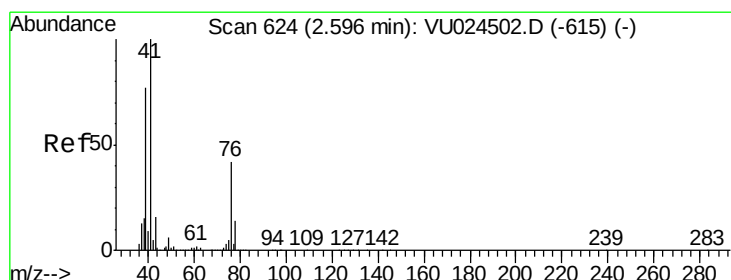
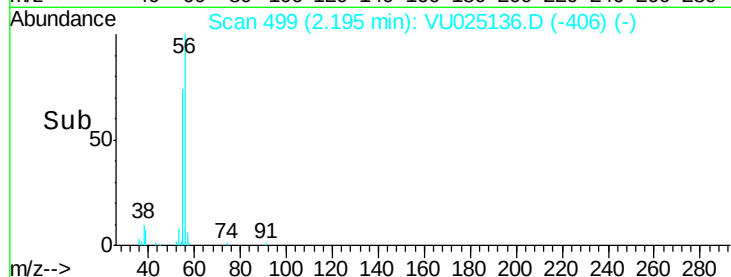
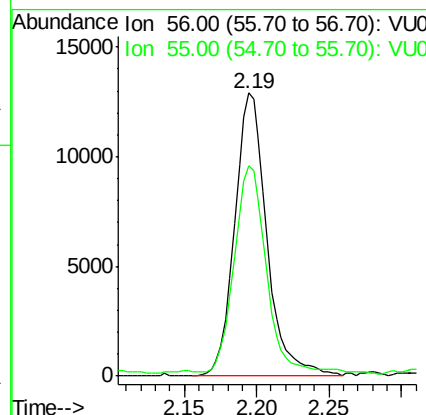
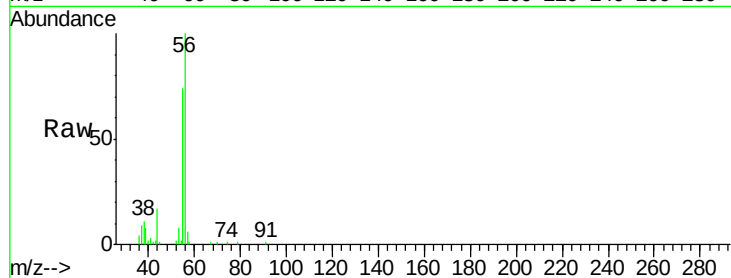
#13
Acrolein
Concen: 55.88 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	58.4	87.6

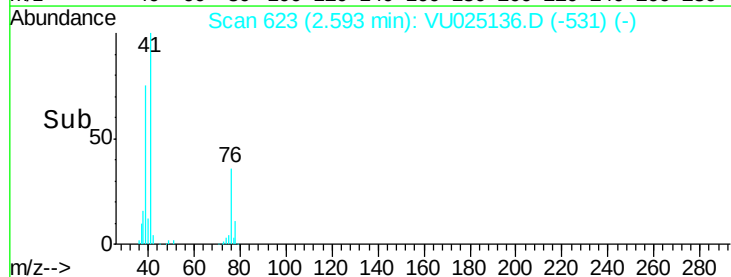
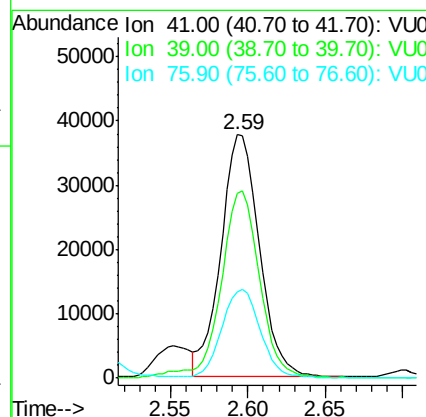
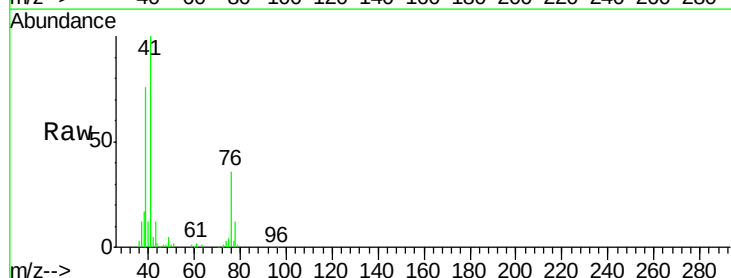
Manual Integrations
APPROVED

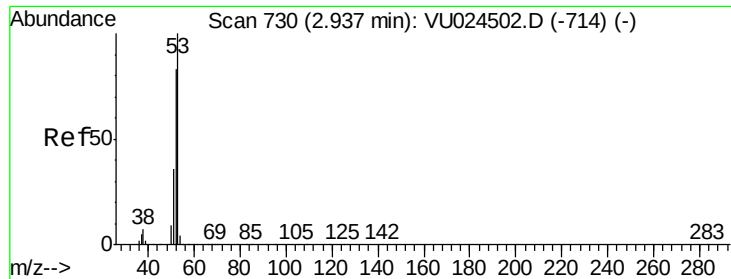
sam
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#14
Allyl chloride
Concen: 18.09 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.9	61.6	92.4
76	37.2	29.7	44.5





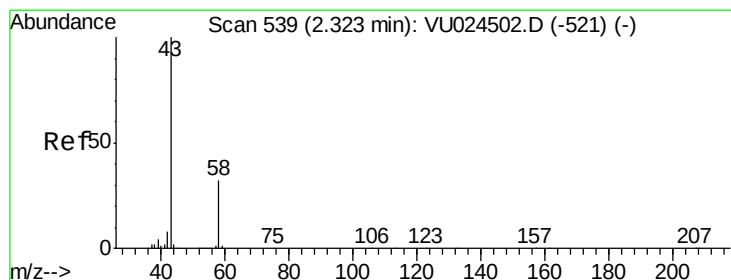
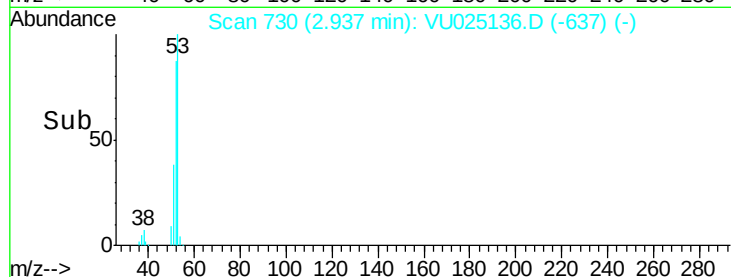
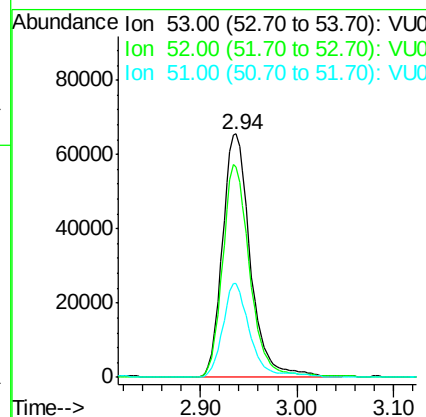
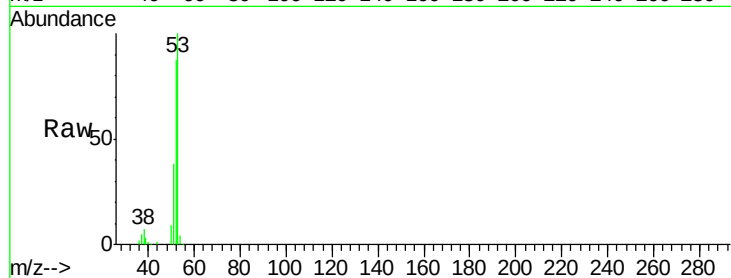
#15
 Acrylonitrile
 Concen: 100.02 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.1	100.7
51	37.9	28.4	42.6

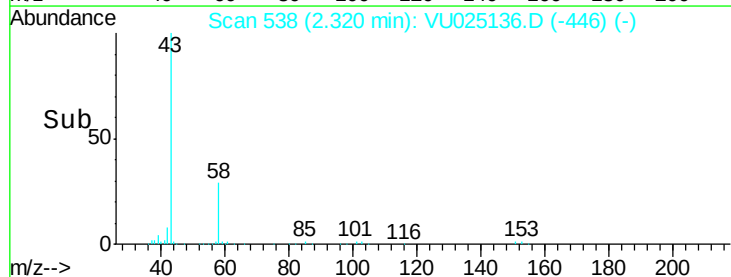
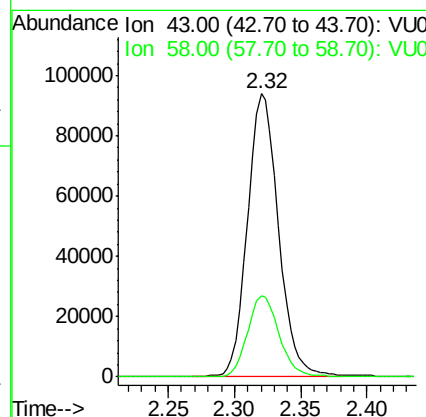
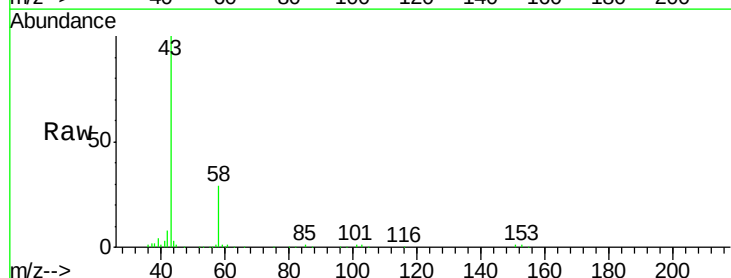
Manual Integrations
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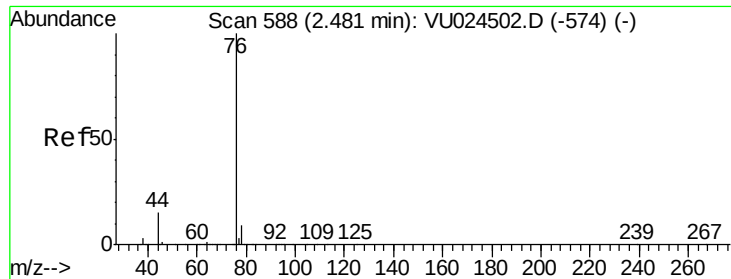
sam
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#16
 Acetone
 Concen: 102.10 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.4	36.6





#17

Carbon Disulfide

Concen: 16.70 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 76 Resp: 103837

Ion Ratio Lower Upper

76 100

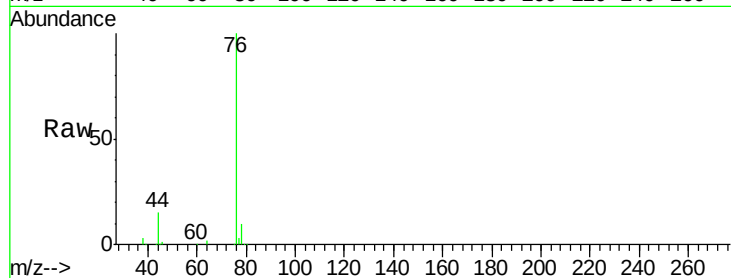
78 9.6 7.1 10.7

Manual Integrations

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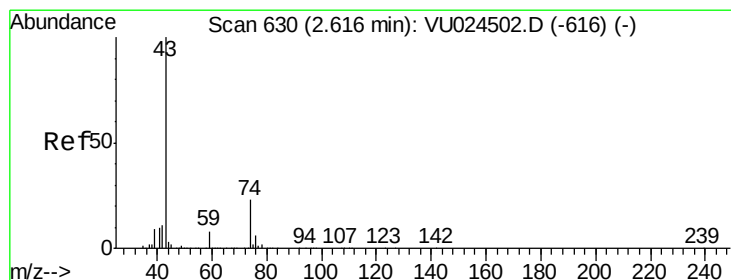
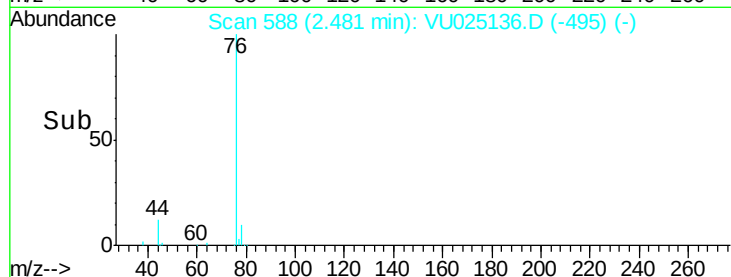
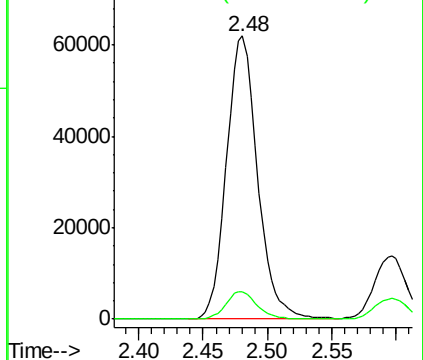
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 24.48 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025136.D

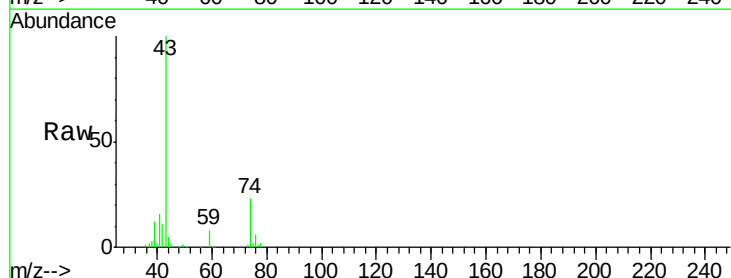
Acq: 02 Jul 2018 12:17

Tgt Ion: 43 Resp: 78496

Ion Ratio Lower Upper

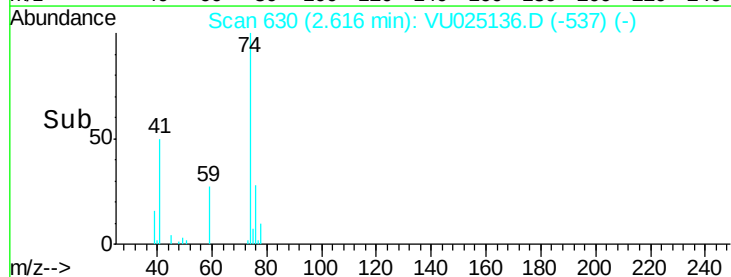
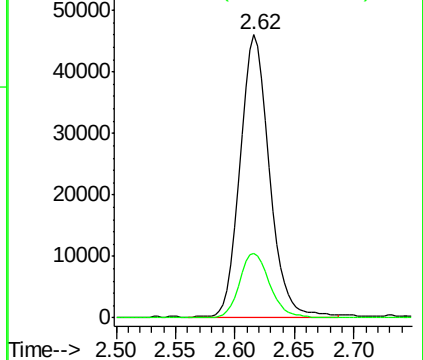
43 100

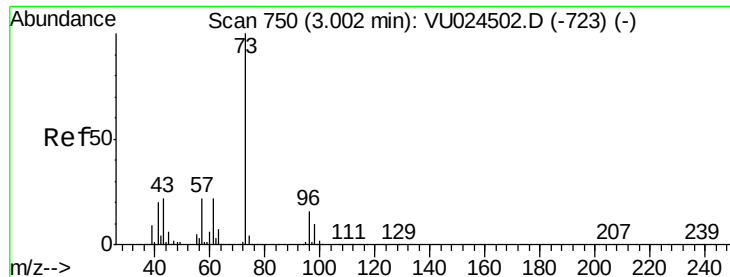
74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





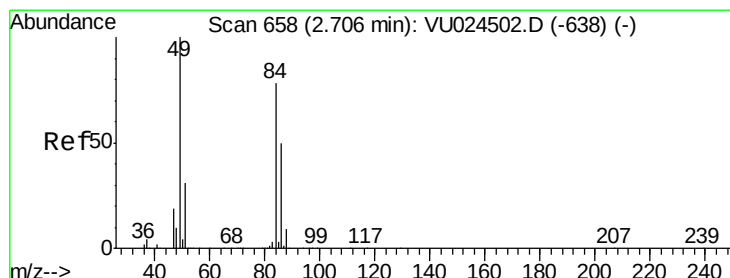
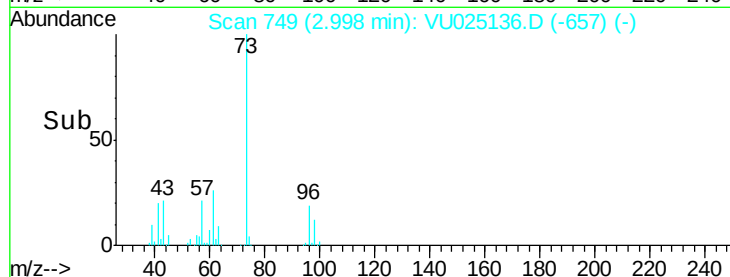
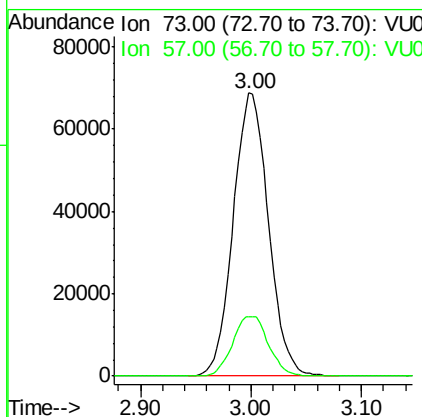
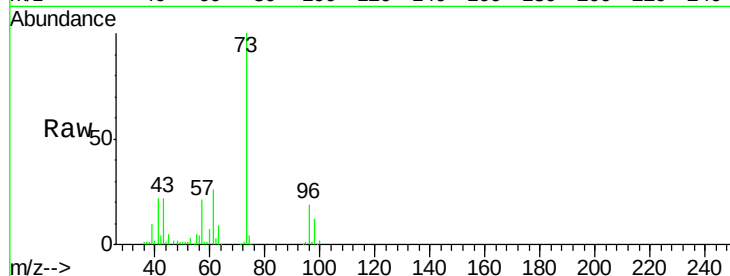
#19
Methyl tert-butyl Ether
Concen: 20.83 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.8	28.2

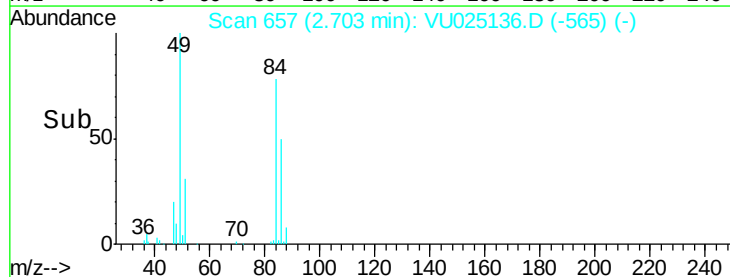
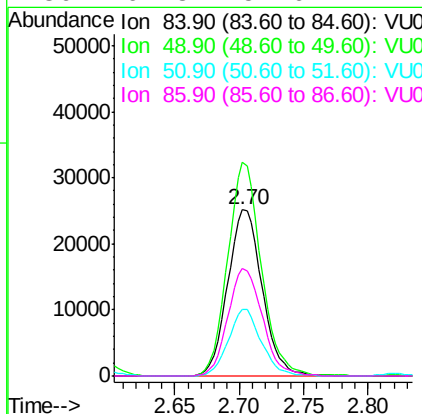
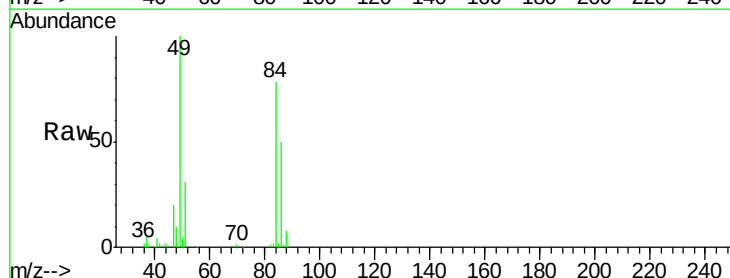
Manual Integrations
APPROVED

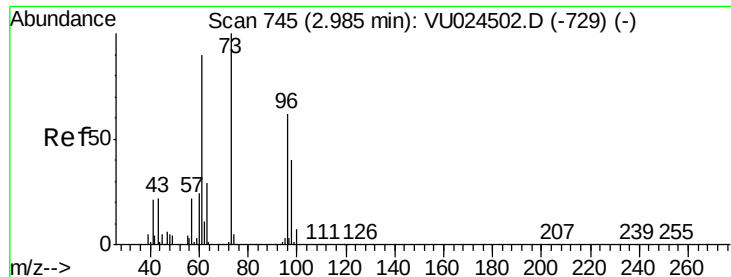
sam
7/3/2018 3:52:36 PM



#20
Methylene Chloride
Concen: 19.88 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	103.8	155.8
51	40.3	32.0	48.0
86	64.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.53 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

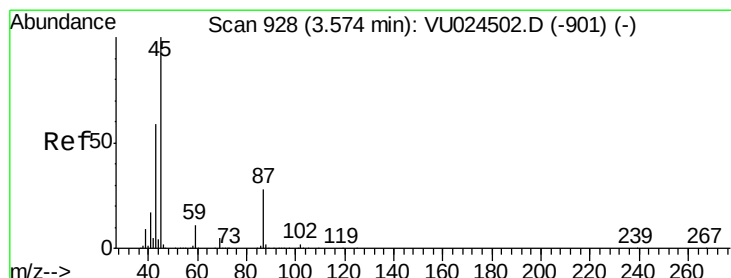
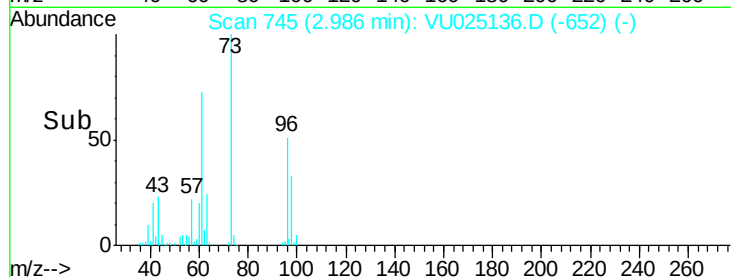
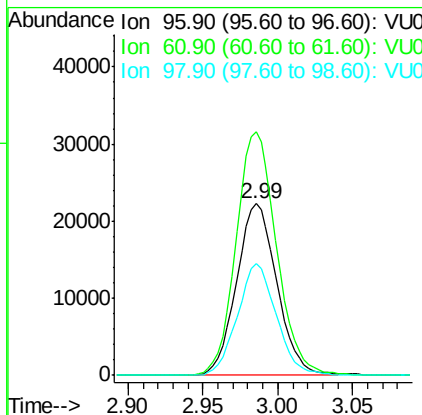
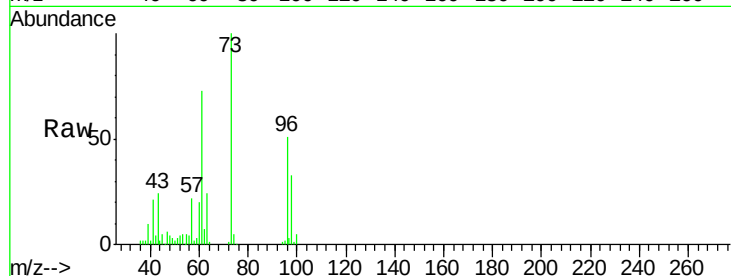
ClientSampleId :

VU0702WBSD01

Tot Ion:	96	Resp:	41766
Ion	Ratio	Lower	Upper
96	100		
61	142.1	119.4	179.0
98	65.6	51.1	76.7

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 20.64 ug/l

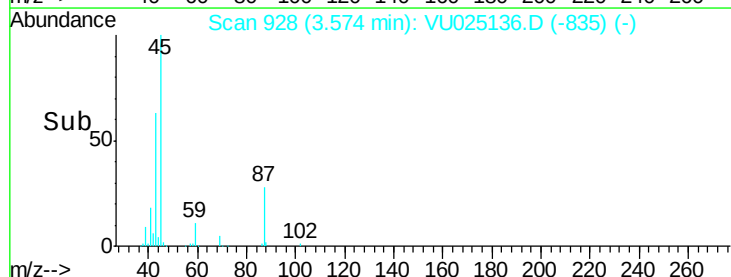
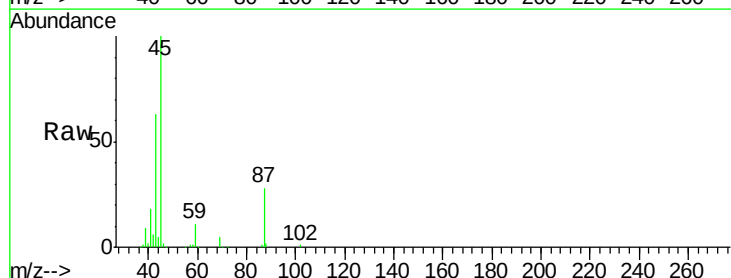
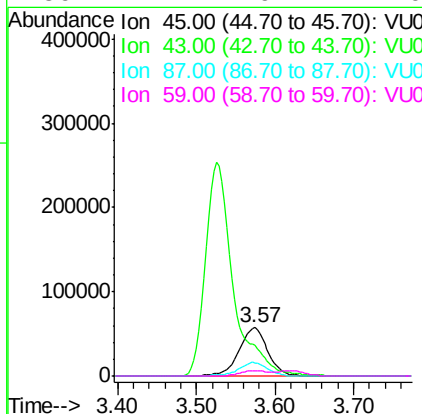
RT: 3.57 min Scan# 928

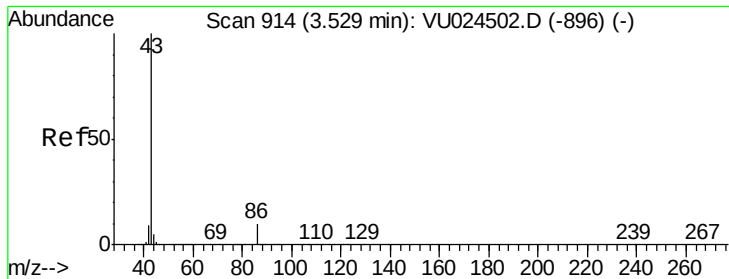
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	45	Resp:	147531
Ion	Ratio	Lower	Upper
45	100		
43	61.6	45.8	68.6
87	27.9	20.6	31.0
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 96.39 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025136.D

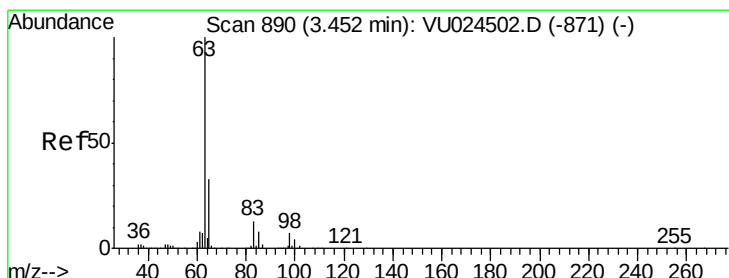
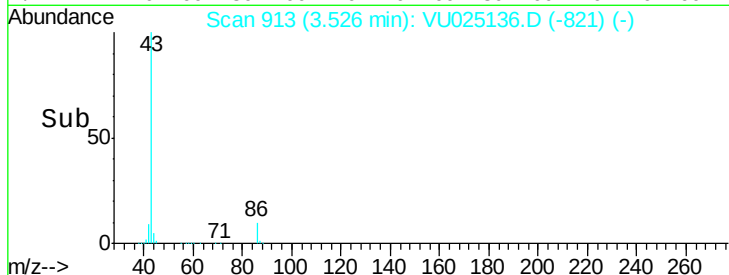
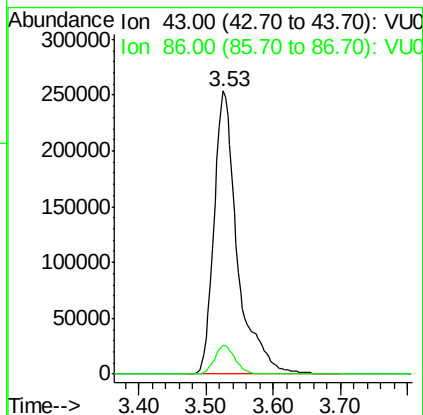
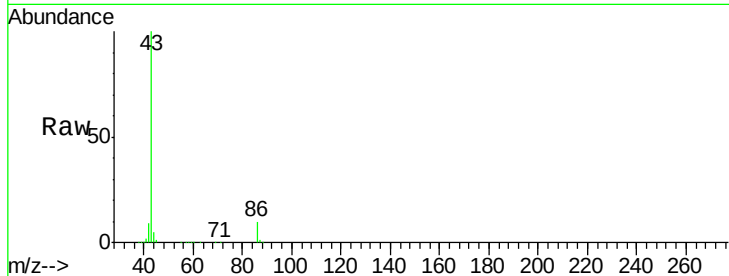
Acq: 02 Jul 2018 12:17

Tot Ion:	43	Resp:	617115
Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.12 ug/l

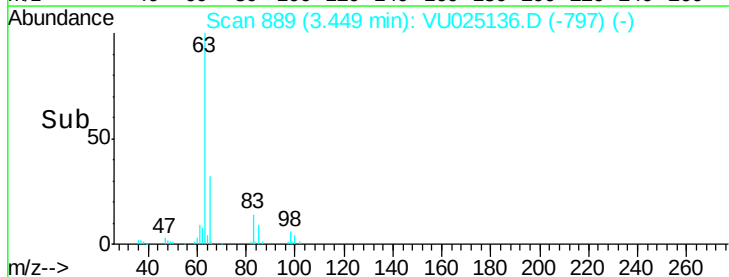
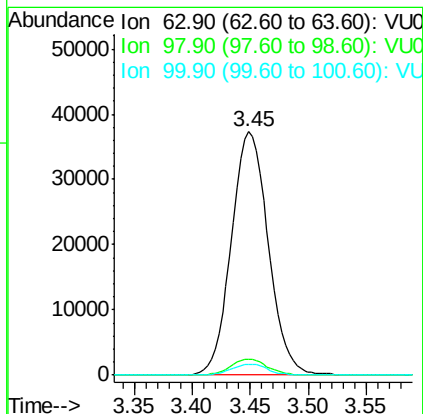
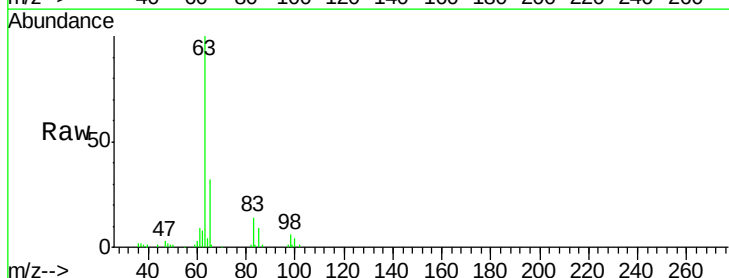
RT: 3.45 min Scan# 889

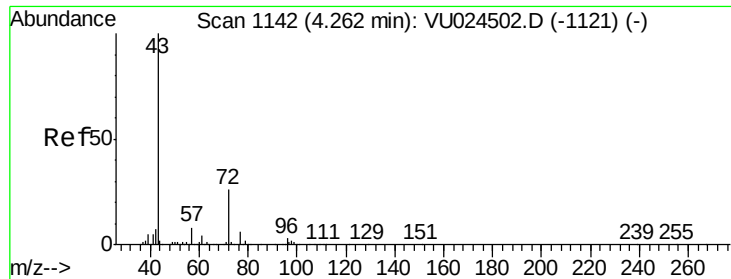
Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	63	Resp:	82730
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.5	10.4
100	4.4	1.8	5.5





#25

2-Butanone

Concen: 101.41 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 43 Resp: 203744

Ion Ratio Lower Upper

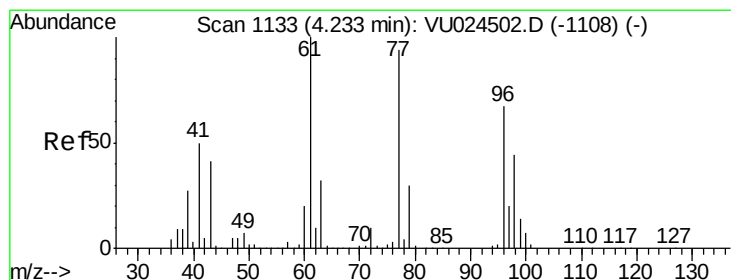
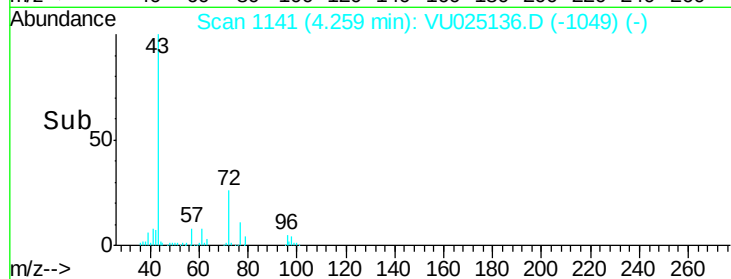
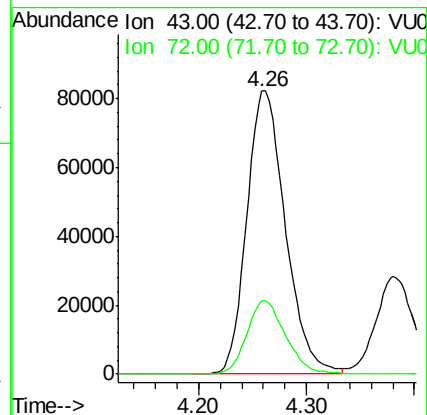
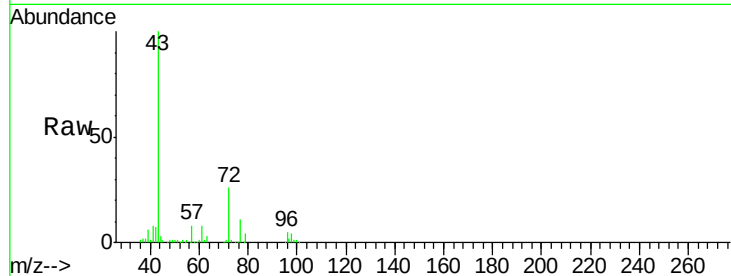
43 100

72 25.9 19.6 29.4

Manual Integrations
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sam

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#26

2,2-Dichloropropane

Concen: 19.93 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025136.D

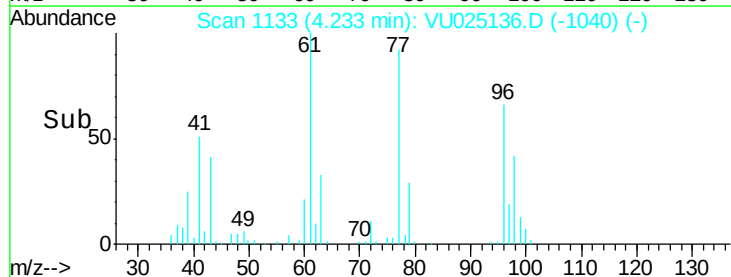
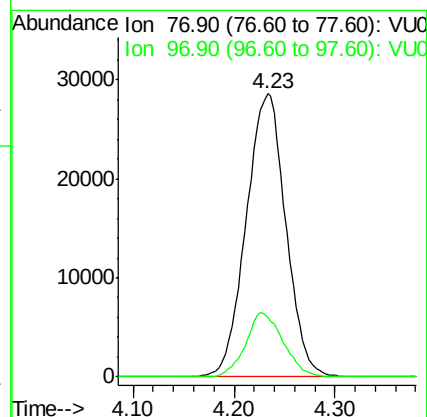
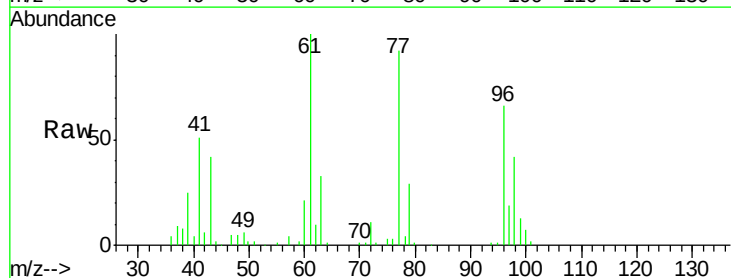
Acq: 02 Jul 2018 12:17

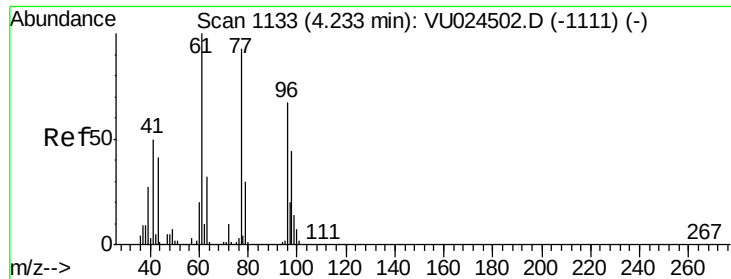
Tgt Ion: 77 Resp: 77797

Ion Ratio Lower Upper

77 100

97 21.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.08 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

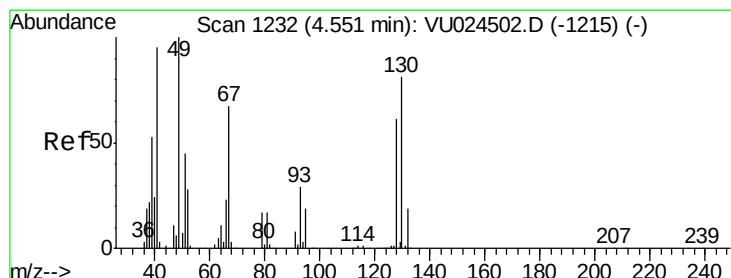
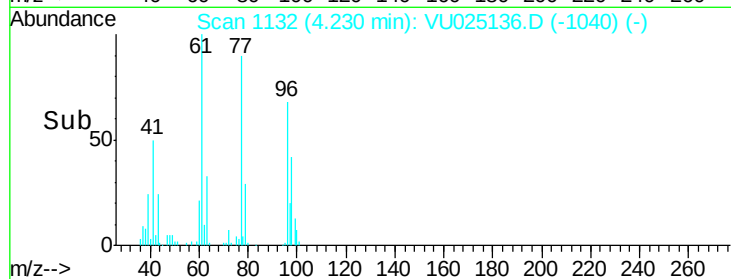
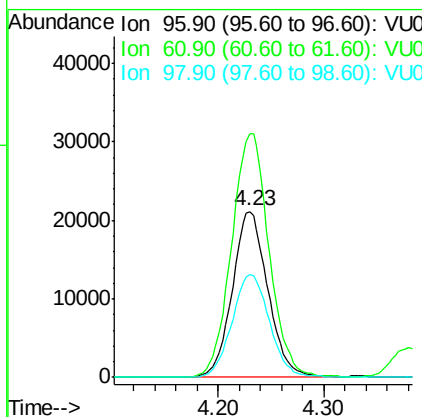
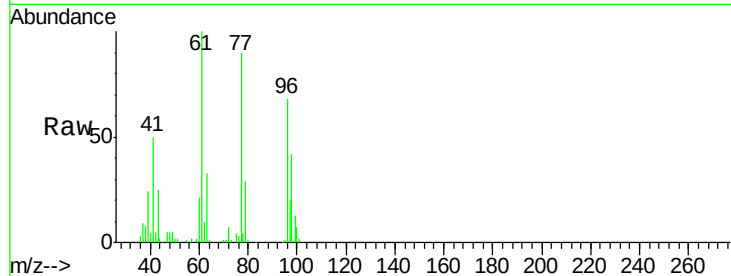
ClientSampleId :

VU0702WBSD01

Tot Ion:	96	Resp:	49370
Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	306.6
98	65.3	0.0	128.8

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 20.43 ug/l

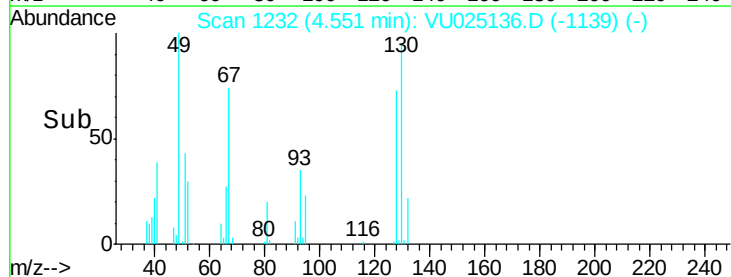
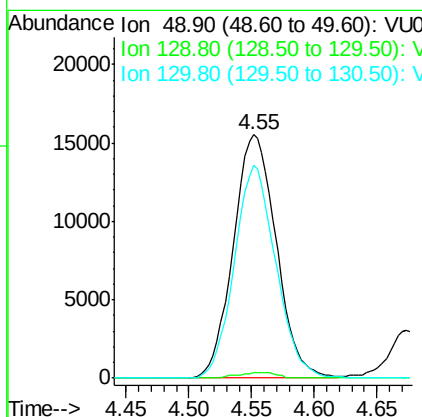
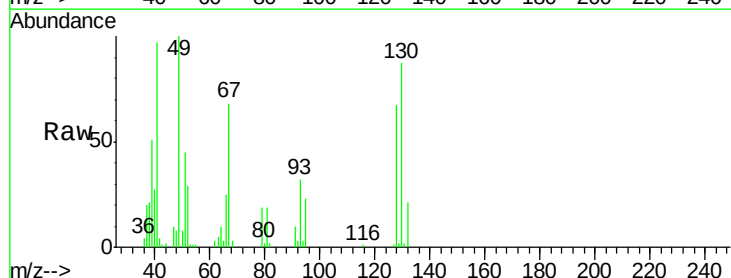
RT: 4.55 min Scan# 1232

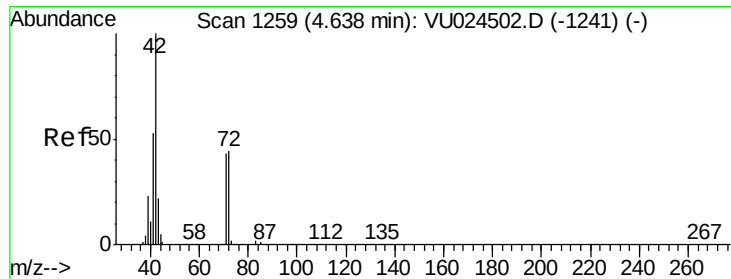
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	49	Resp:	36990
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	84.3	57.8	86.6





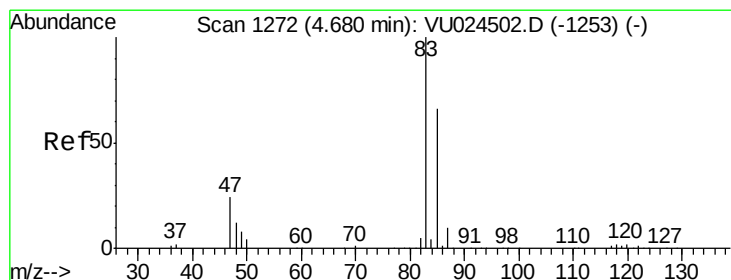
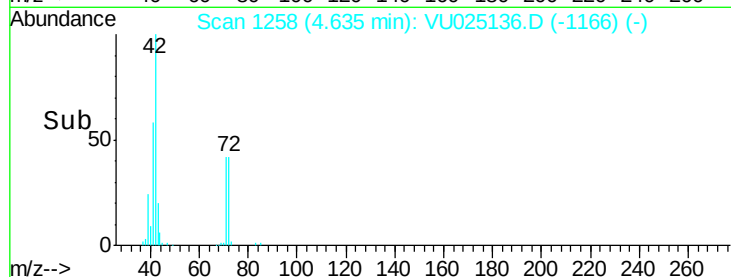
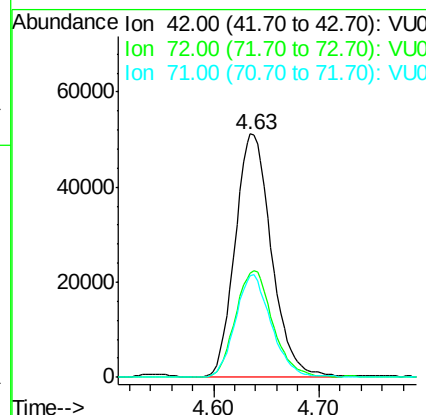
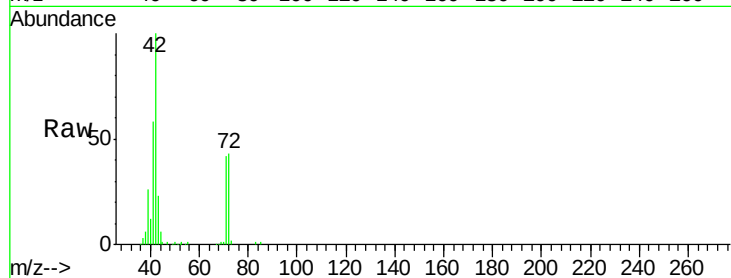
#29
Tetrahydrofuran
Concen: 97.81 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.5	51.7
71	41.9	32.2	48.4

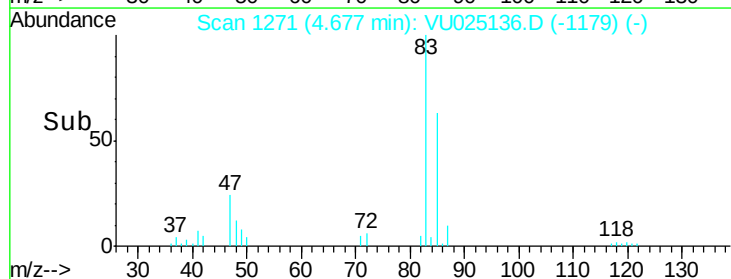
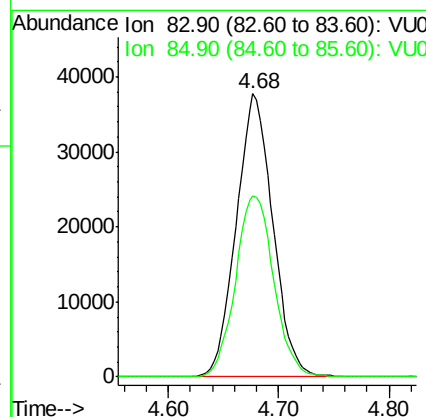
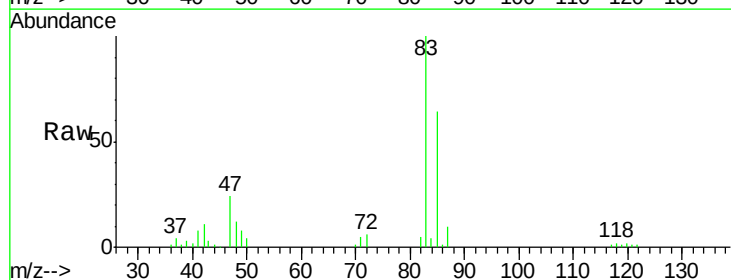
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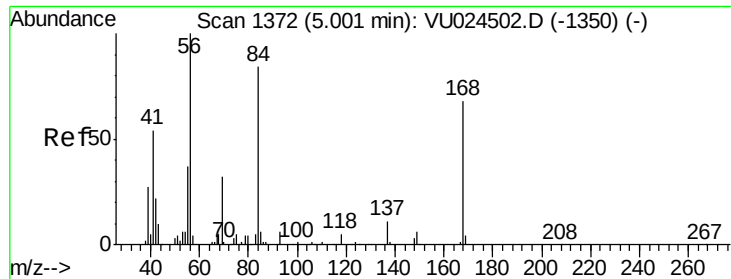
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#30
Chloroform
Concen: 20.80 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.4	78.6





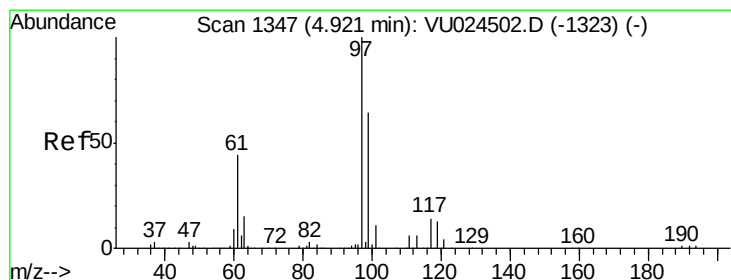
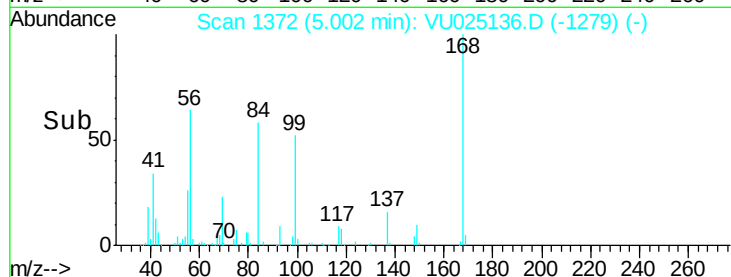
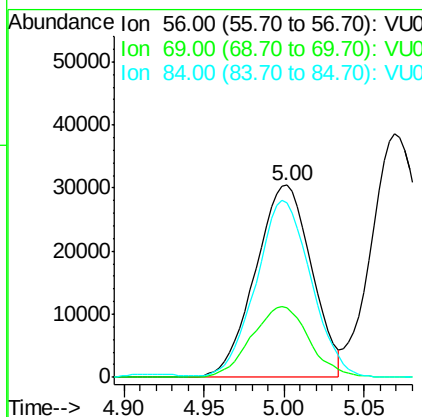
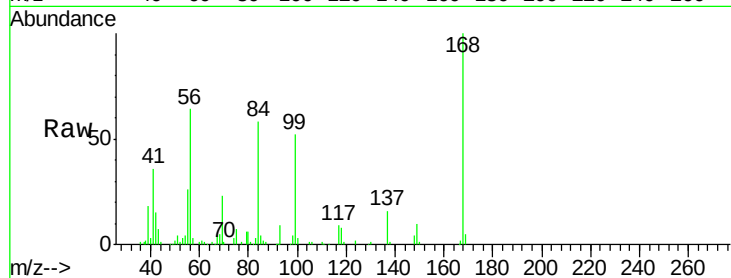
#31
Cyclohexane
Concen: 19.08 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	24.8	37.2
84	89.8	65.2	97.8

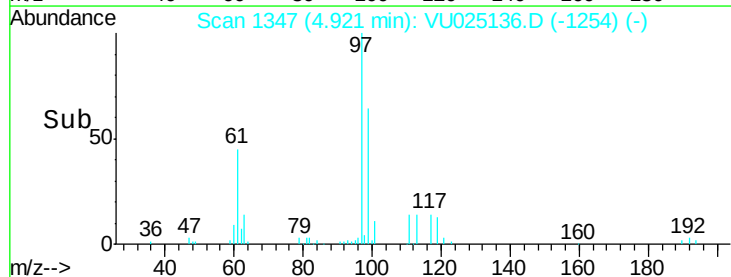
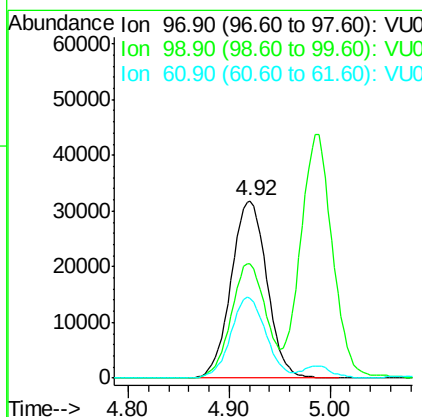
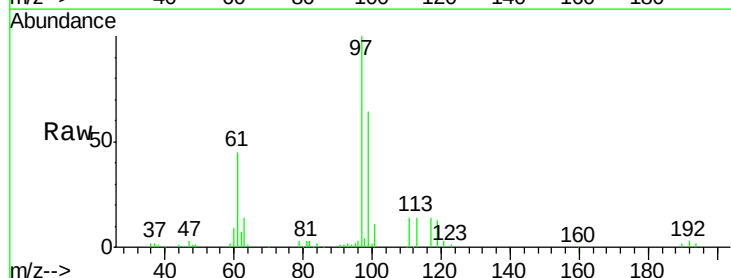
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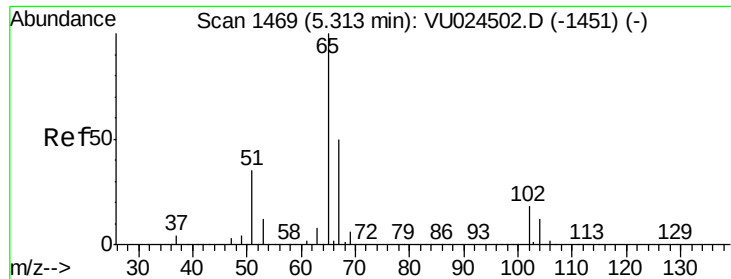
sam
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#32
1,1,1-Trichloroethane
Concen: 20.39 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.0	76.6
61	44.7	39.4	59.0





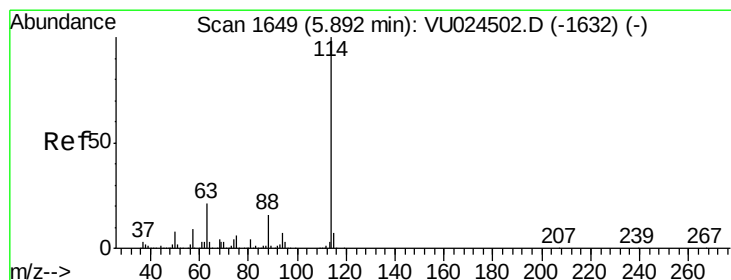
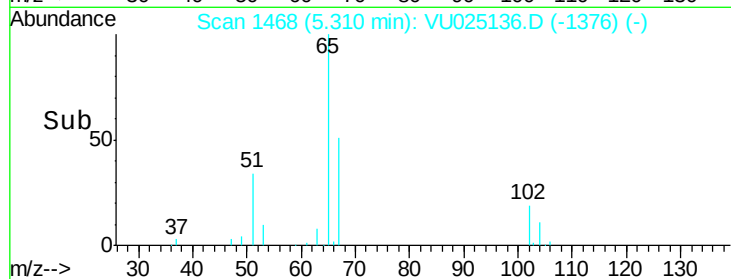
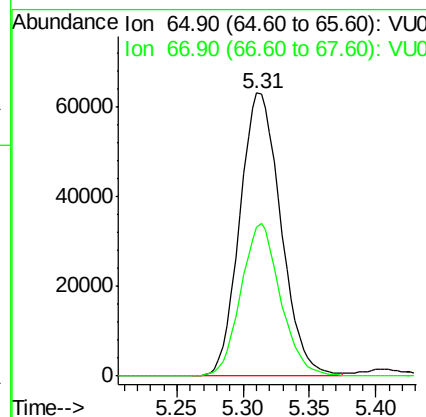
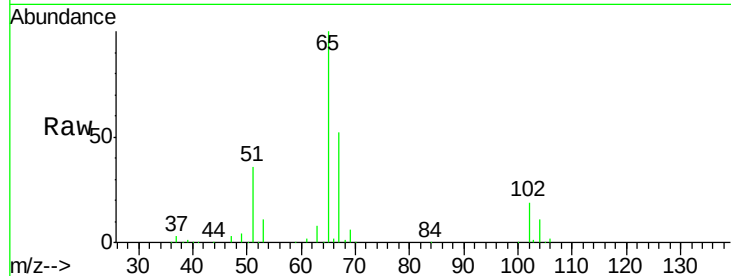
#33
 1,2-Dichloroethane-d4
 Concen: 48.76 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampled :
 VU0702WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135736		
67	51.9	0.0	107.0	

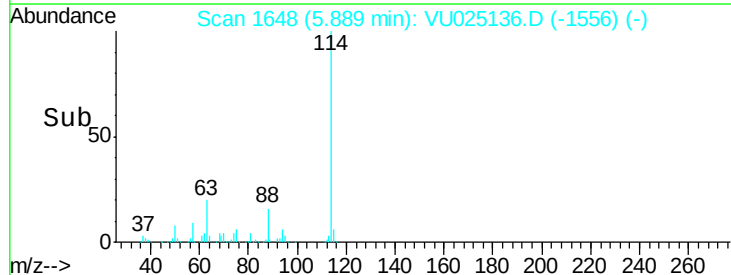
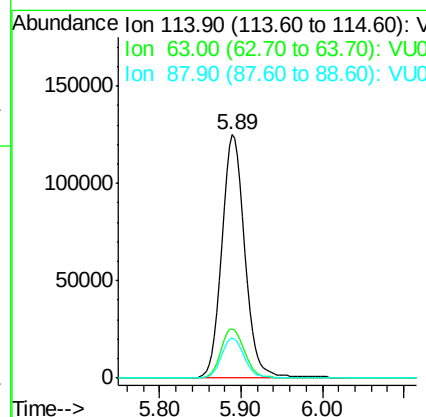
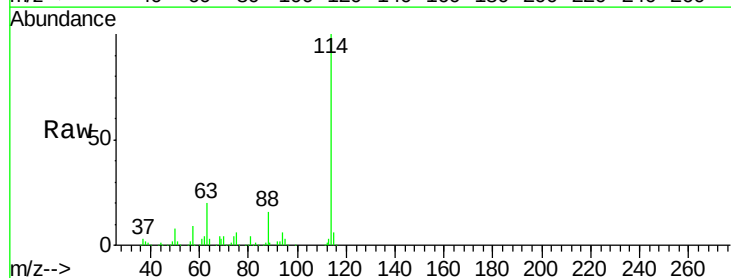
Manual Integrations
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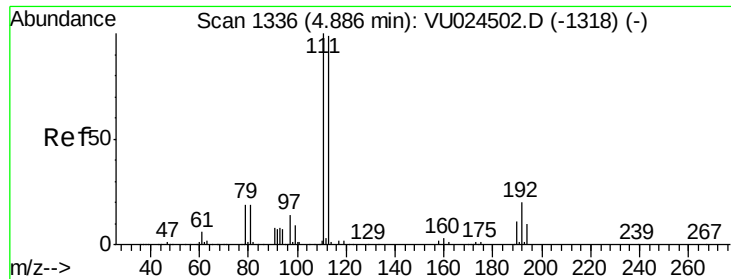
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251605		
63	20.1	0.0	45.4	
88	16.3	0.0	31.0	





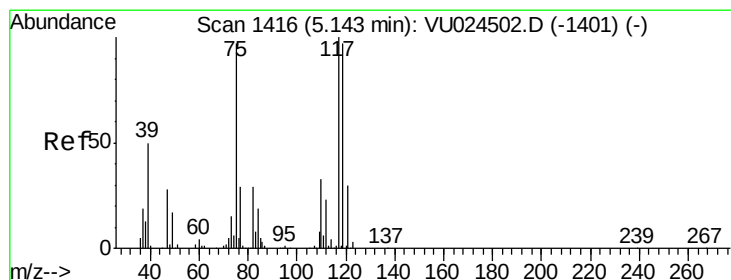
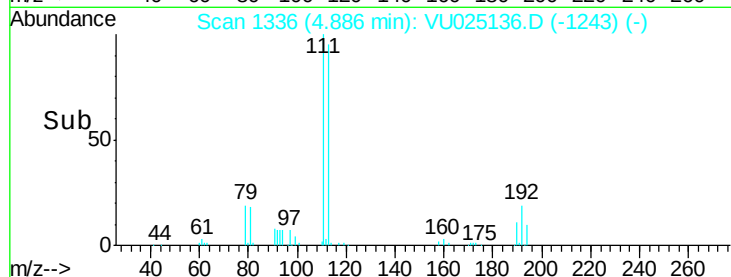
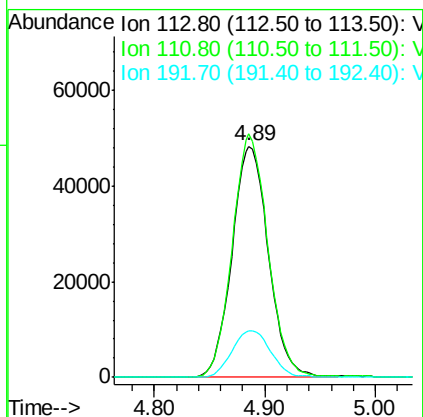
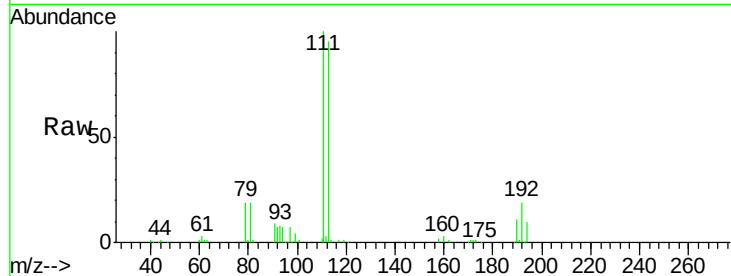
#35
 Dibromofluoromethane
 Concen: 53.00 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110662		
111	102.6	82.2	123.4	
192	21.5	16.2	24.4	

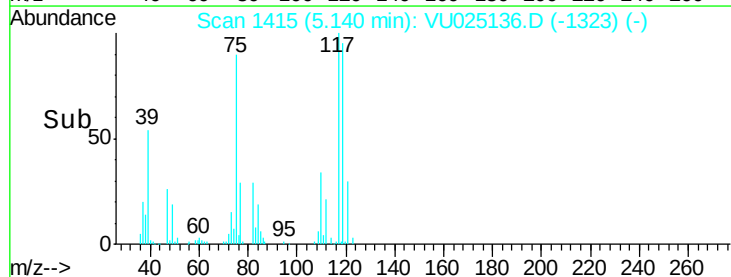
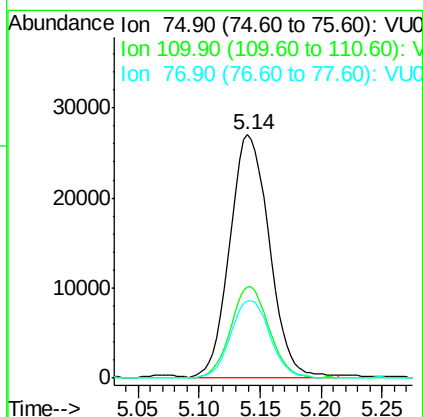
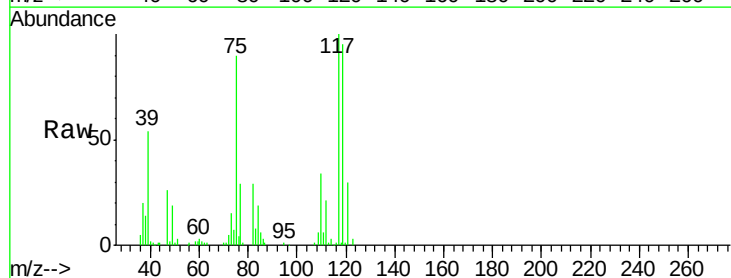
Manual Integrations
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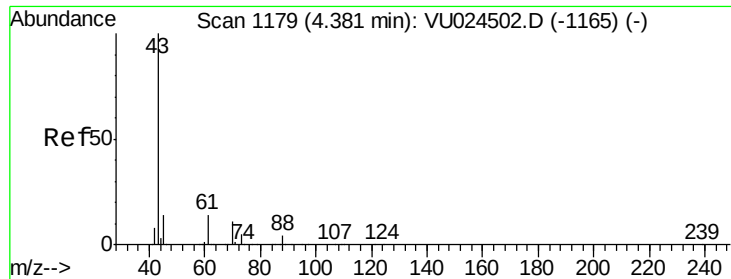
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#36
 1,1-Dichloropropene
 Concen: 20.44 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60444		
110	36.6	17.0	50.9	
77	32.0	24.2	36.4	





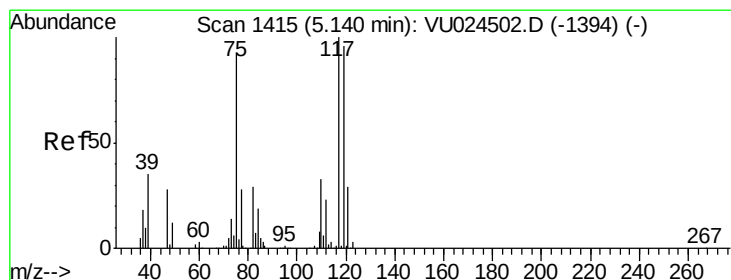
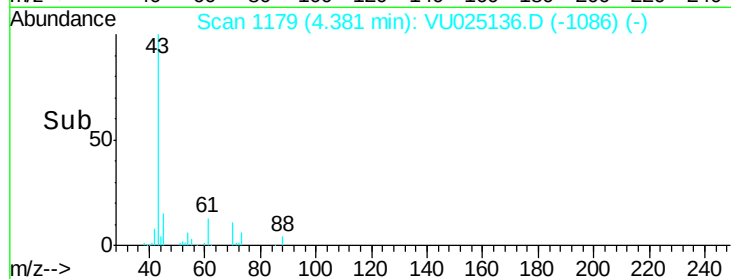
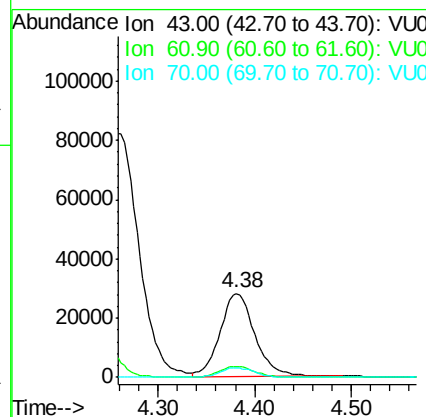
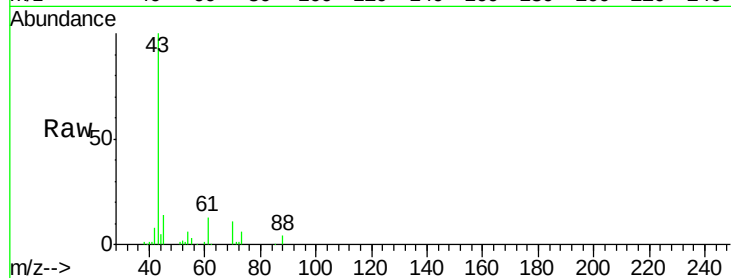
#37
Ethyl Acetate
Concen: 21.84 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	11.2	7.4	11.2#

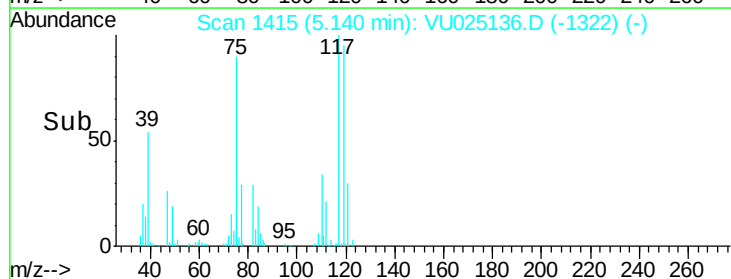
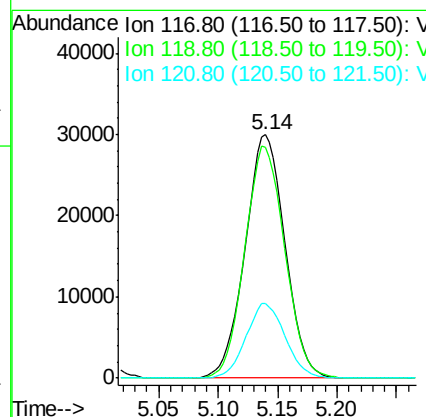
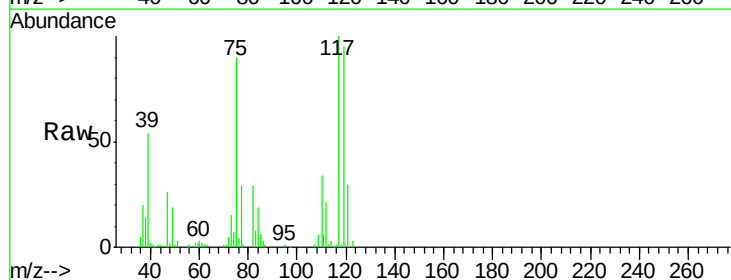
Manual Integrations
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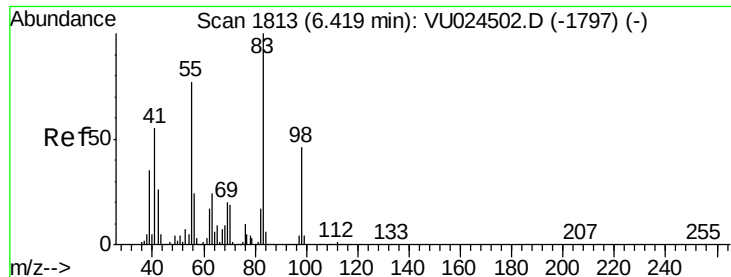
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#38
Carbon Tetrachloride
Concen: 21.40 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	30.4	23.7	35.5





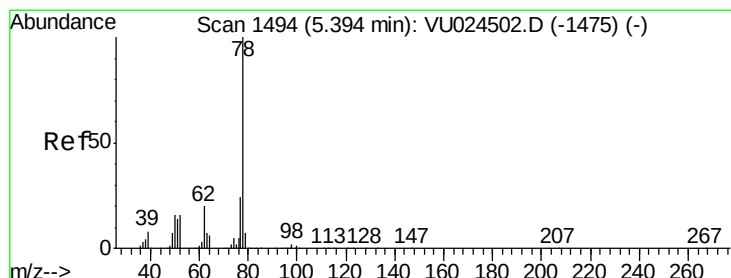
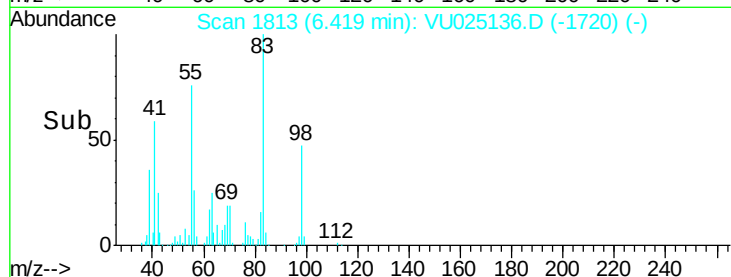
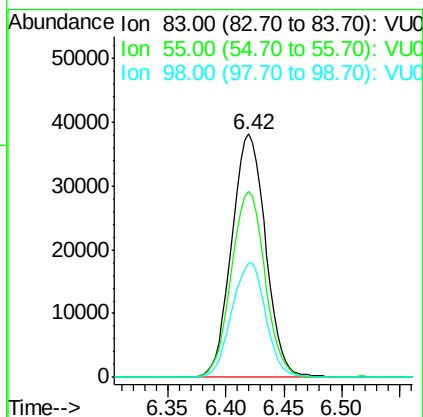
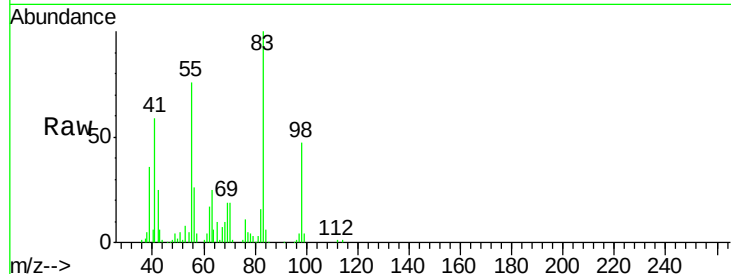
#39
Methylvlcyclohexane
Concen: 20.94 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	65.8	98.6
98	47.2	36.7	55.1

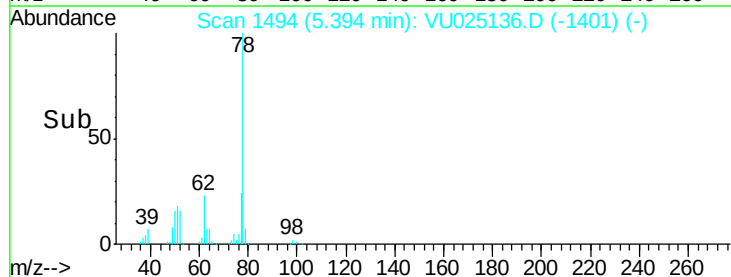
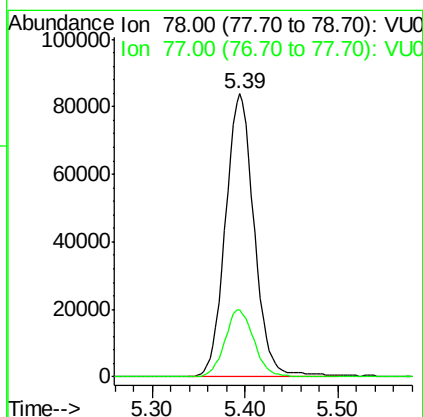
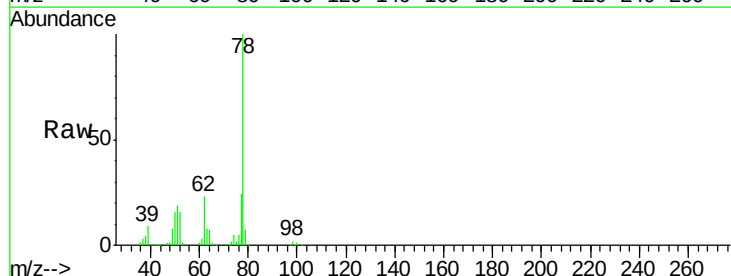
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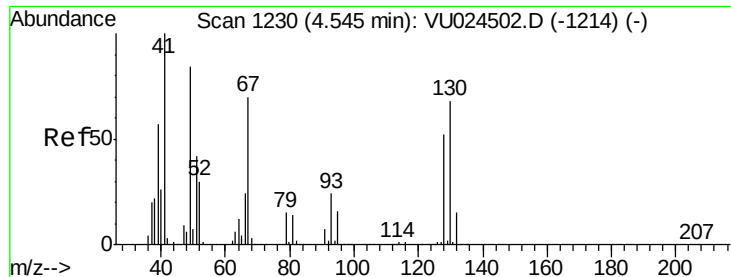
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#40
Benzene
Concen: 21.41 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





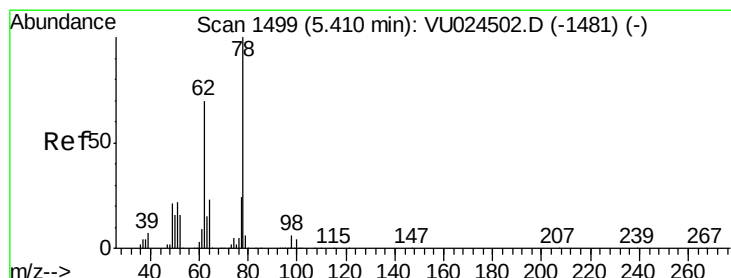
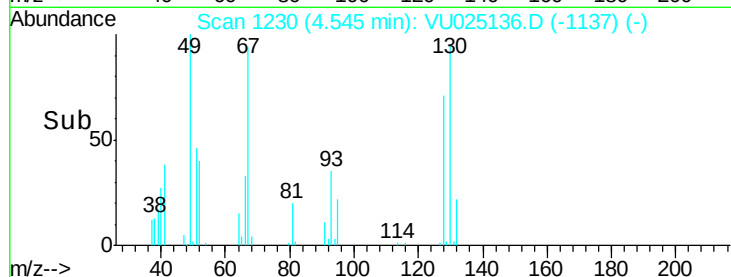
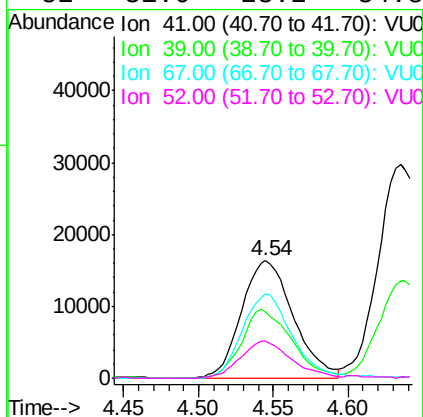
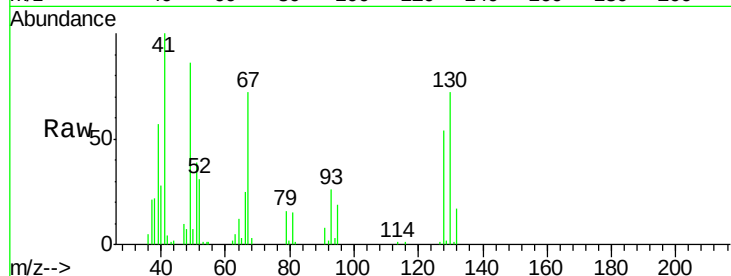
#41
Methacrylonitrile
Concen: 22.79 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39598		
39	56.5	43.8	65.6		
67	68.2	56.3	84.5		
52	31.0	23.2	34.8		

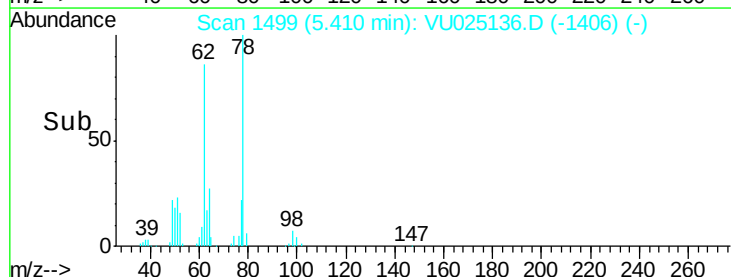
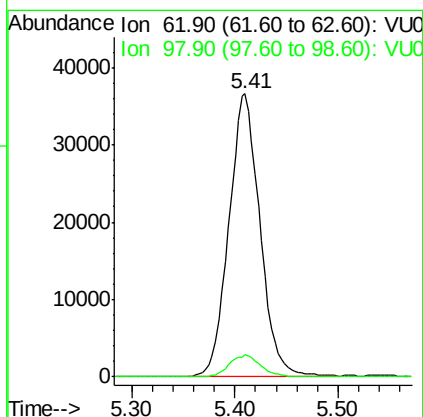
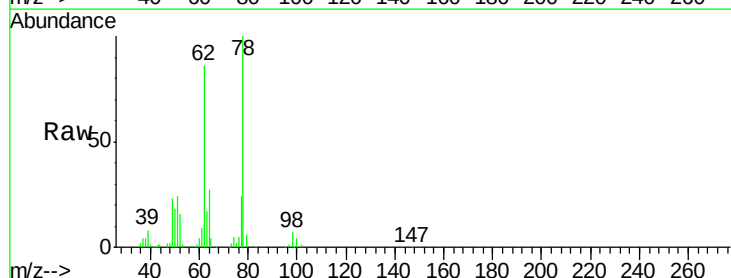
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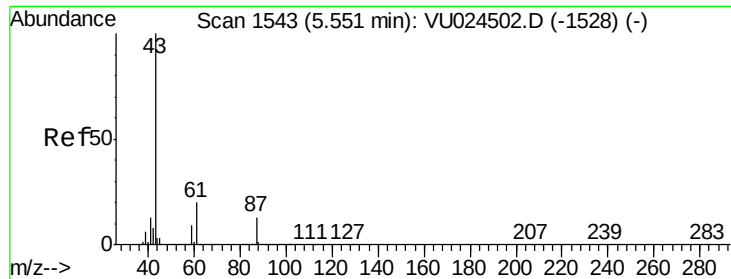
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#42
1,2-Dichloroethane
Concen: 24.02 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		77068		
98	7.8	0.0	16.6		





#43

Isopropyl Acetate

Concen: 20.59 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

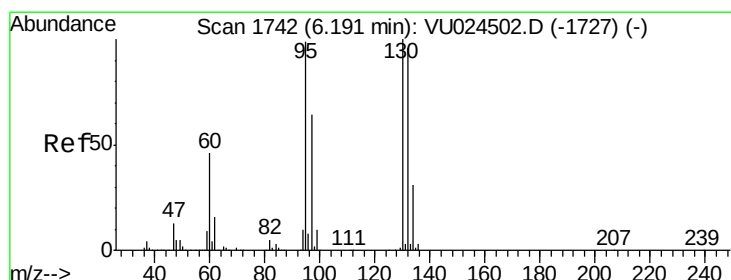
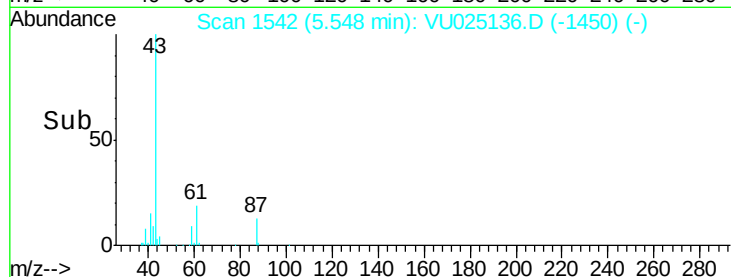
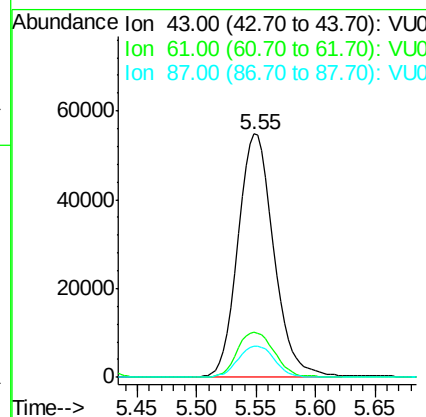
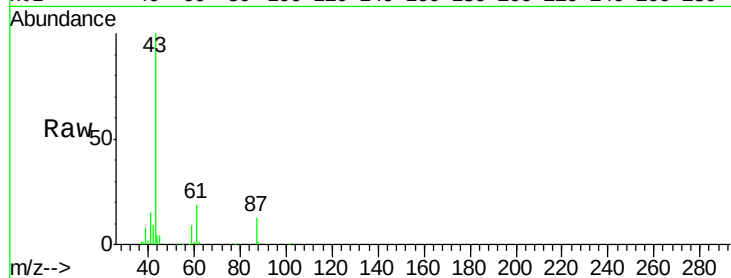
ClientSampleId :

VU0702WBSD01

Tot Ion:	43	Resp:	114700
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.2	10.0	15.0

Manual Integrations
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7/3/2018 3:52:36 PM



#44

Trichloroethene

Concen: 21.11 ug/l

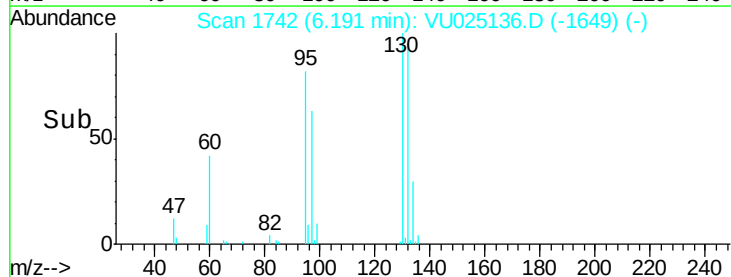
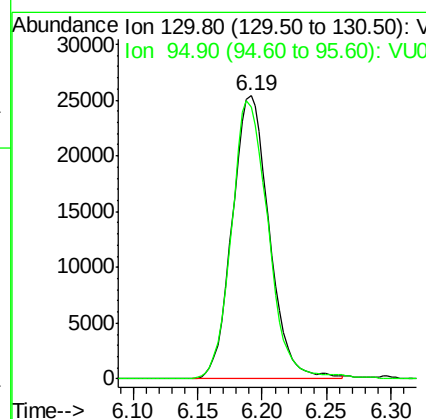
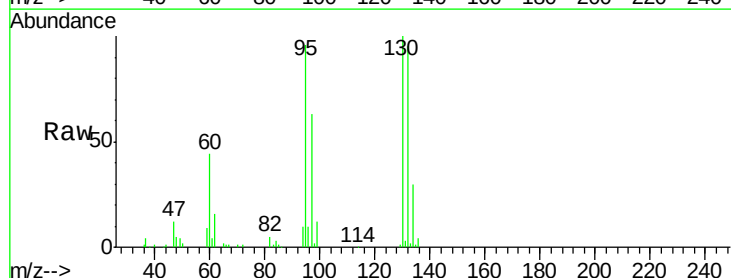
RT: 6.19 min Scan# 1742

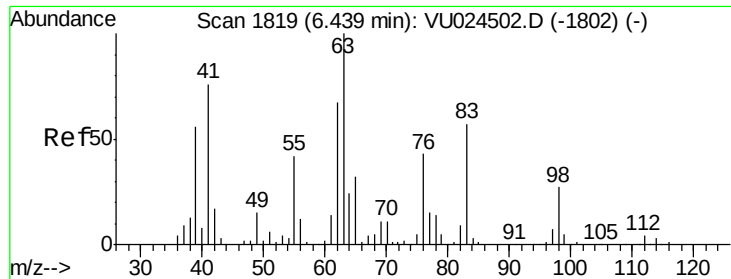
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	130	Resp:	50624
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	202.4





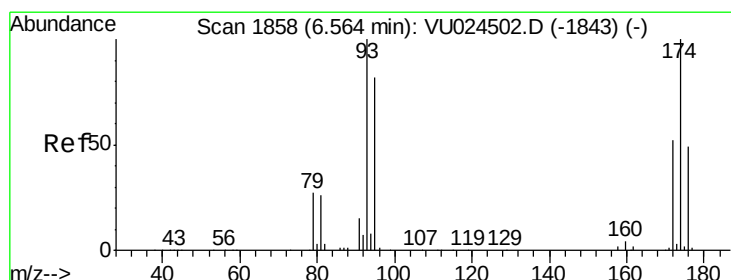
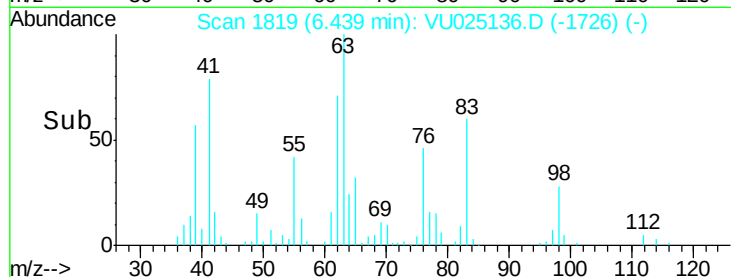
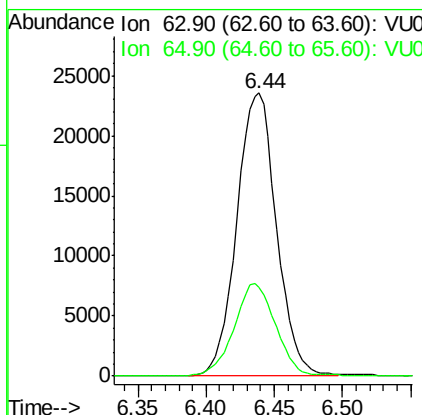
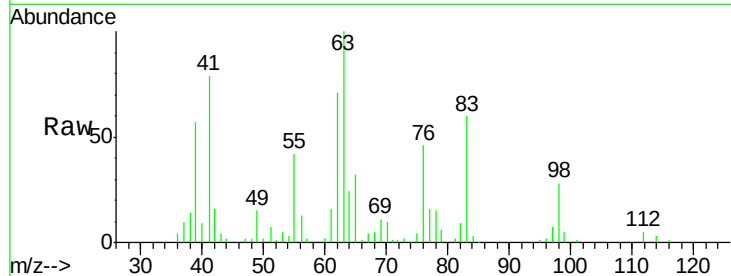
#45
 1,2-Dichloropropane
 Concen: 21.17 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion: 63 Resp: 47578
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2

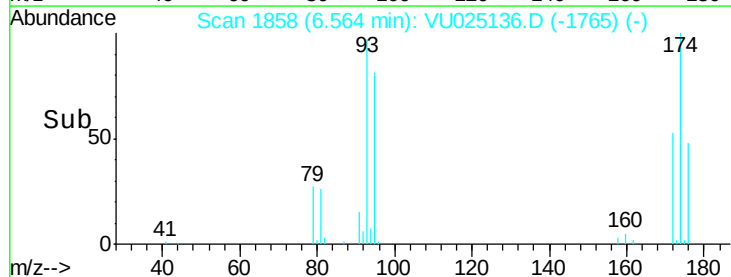
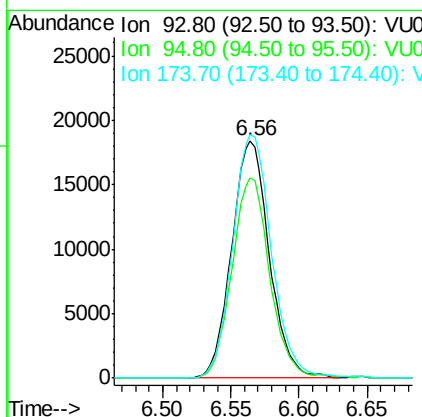
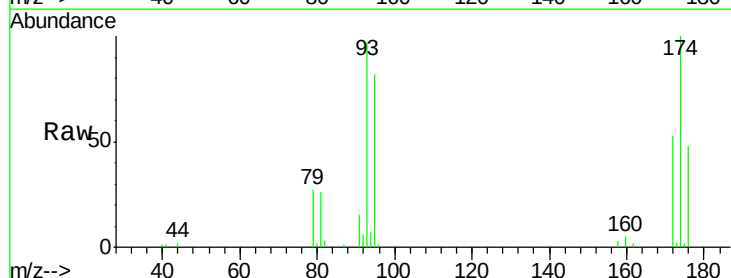
Manual Integrations
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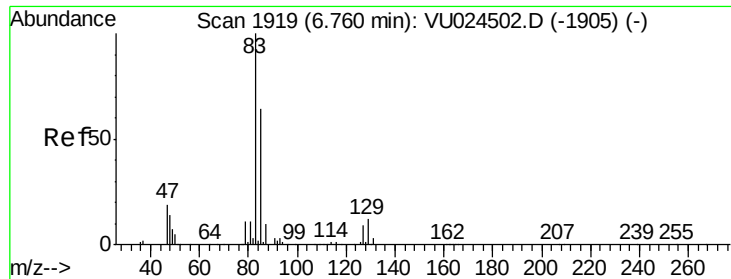
sam
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#46
 Dibromomethane
 Concen: 22.31 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 93 Resp: 35221
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 106.4 78.7 118.1





#47

Bromodichloromethane

Concen: 21.19 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

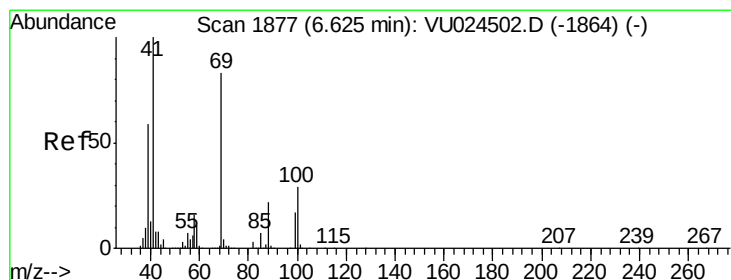
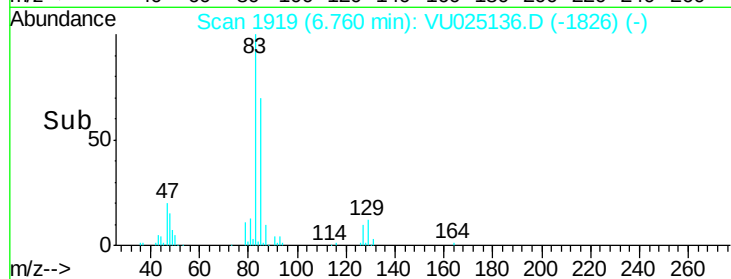
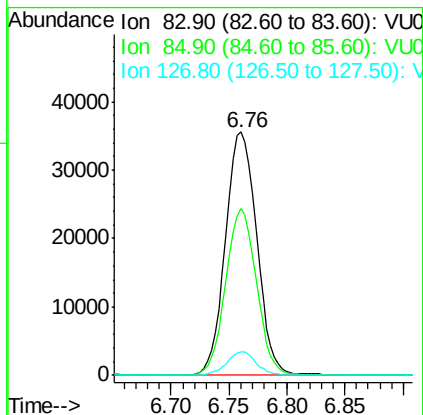
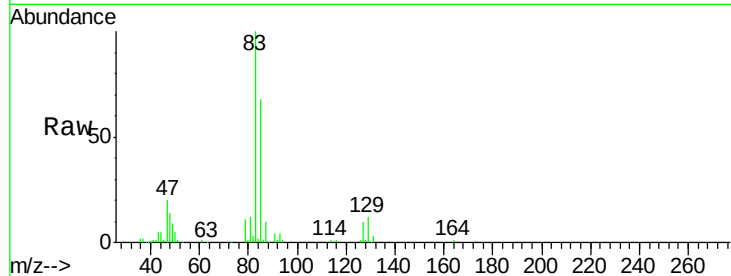
ClientSampleId :

VU0702WBSD01

Tot Ion:	83	Resp:	66613
Ion Ratio	Lower	Upper	
83	100		
85	68.4	51.9	77.9
127	9.8	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.81 ug/l

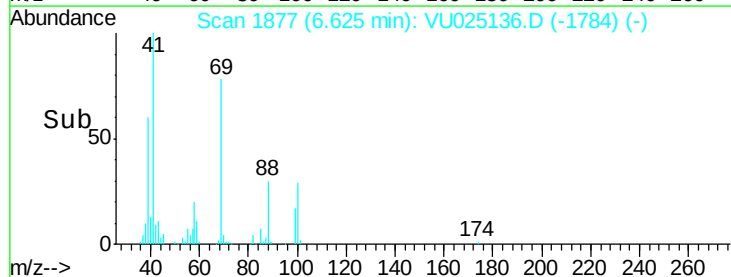
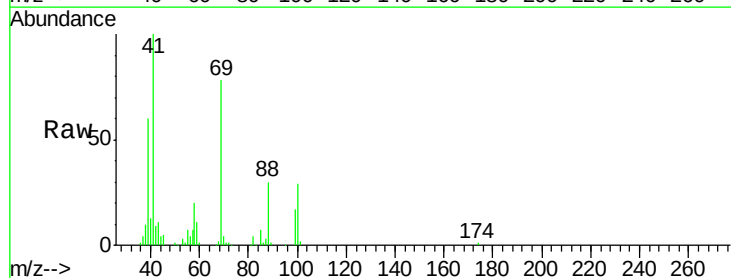
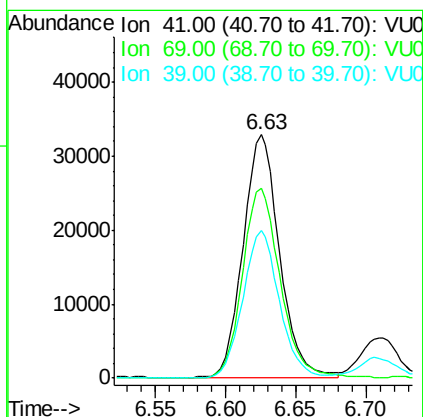
RT: 6.63 min Scan# 1877

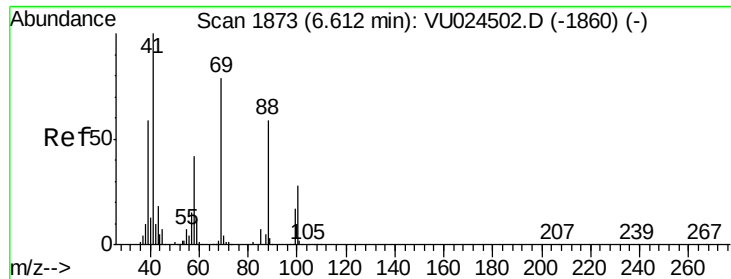
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	41	Resp:	59146
Ion Ratio	Lower	Upper	
41	100		
69	81.2	67.3	100.9
39	61.1	46.5	69.7





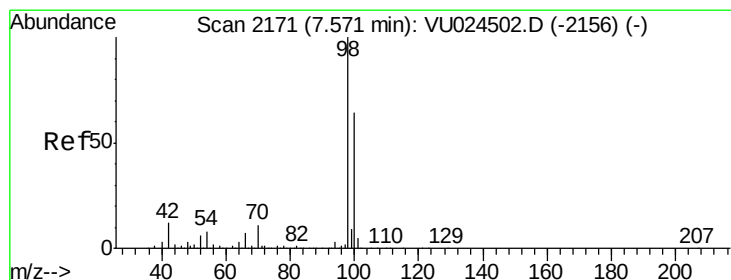
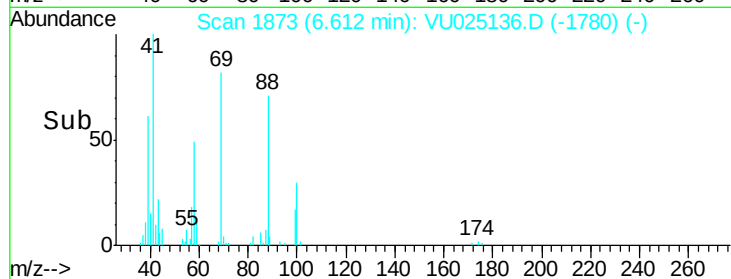
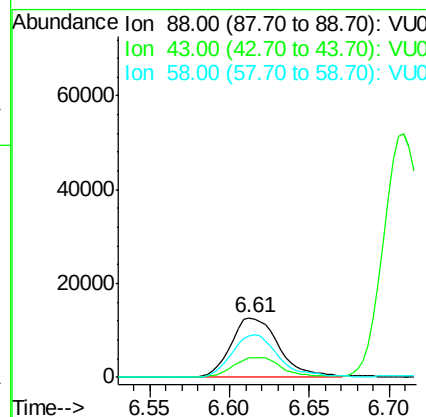
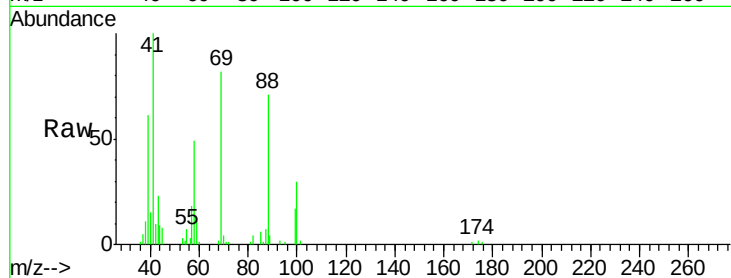
#49
 1,4-Dioxane
 Concen: 492.73 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	28.6	42.8
58	70.3	58.2	87.4

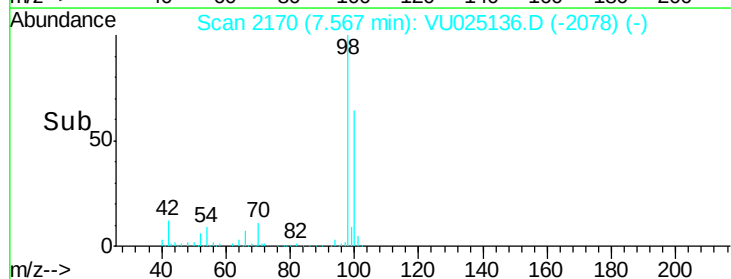
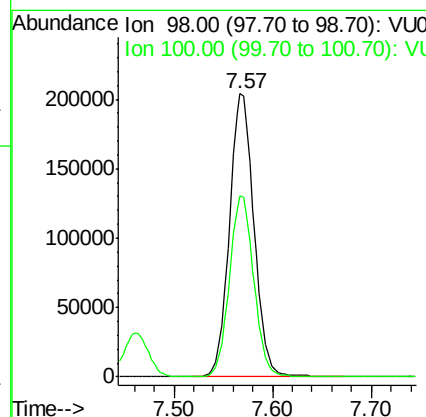
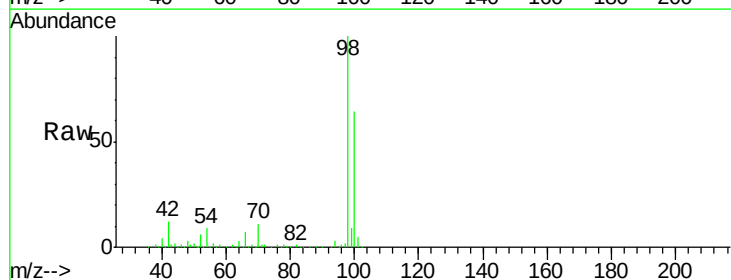
Manual Integrations
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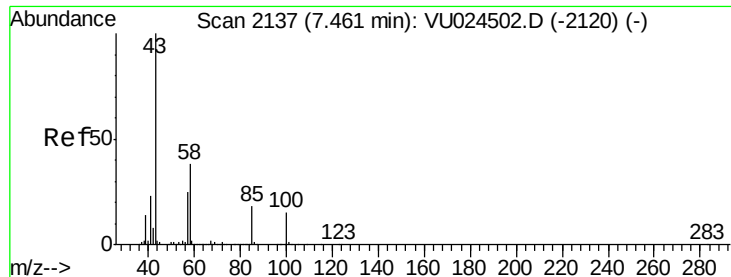
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#50
 Toluene-d8
 Concen: 46.35 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.1	76.7





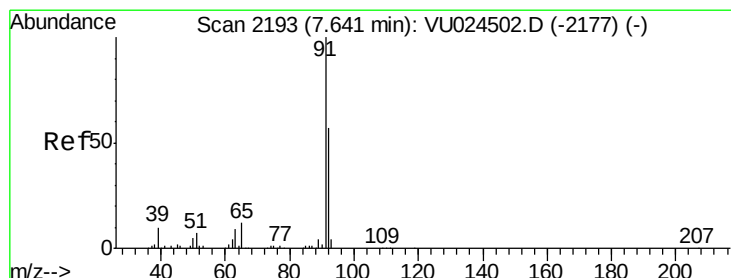
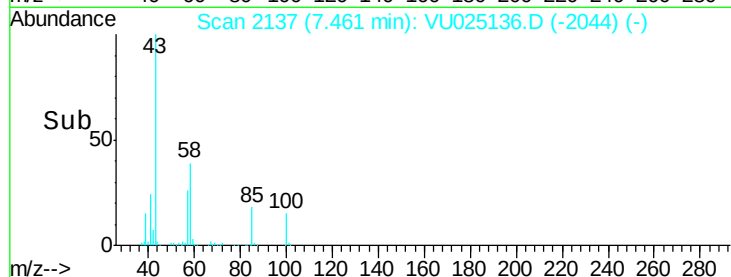
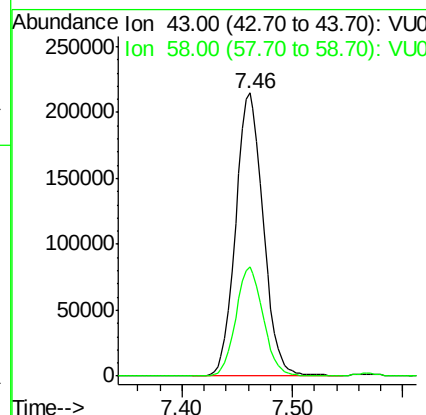
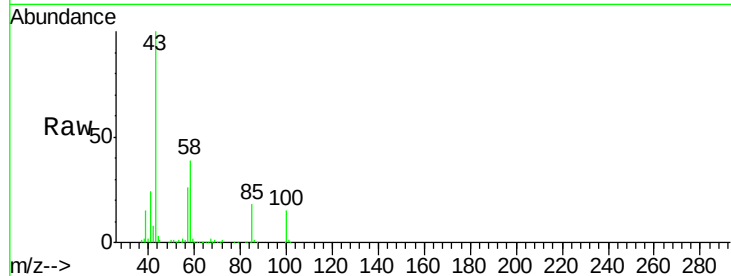
#51
 4-Methyl-2-Pentanone
 Concen: 106.65 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.0	45.0

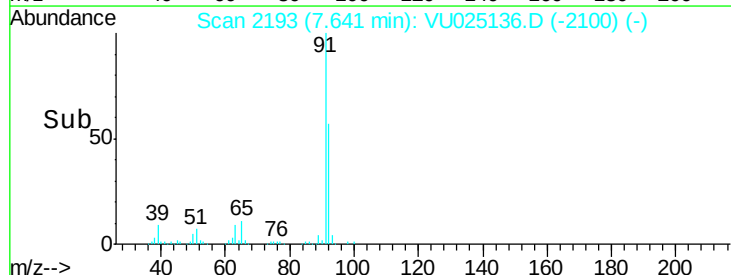
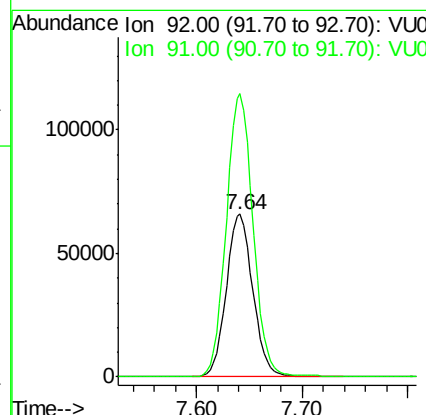
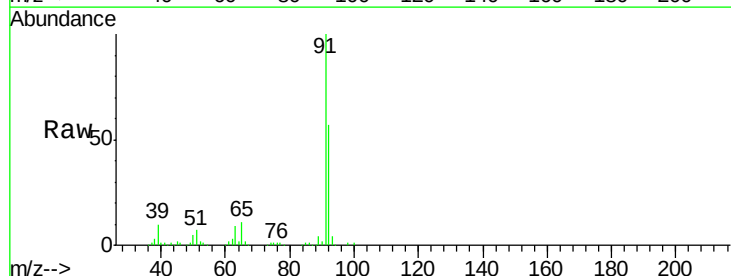
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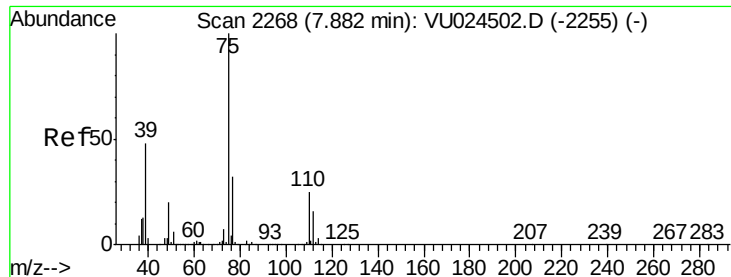
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#52
 Toluene
 Concen: 21.23 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 20.34 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 75 Resp: 71807

Ion Ratio Lower Upper

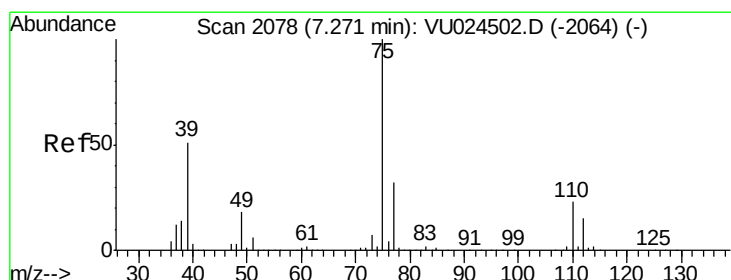
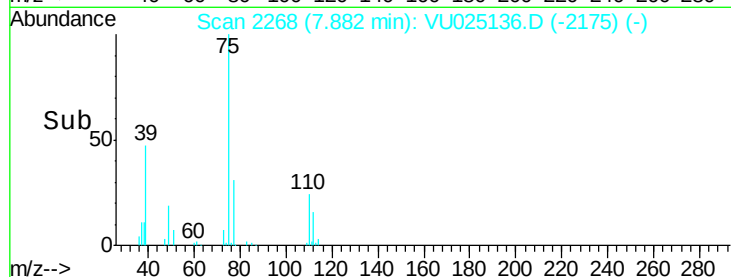
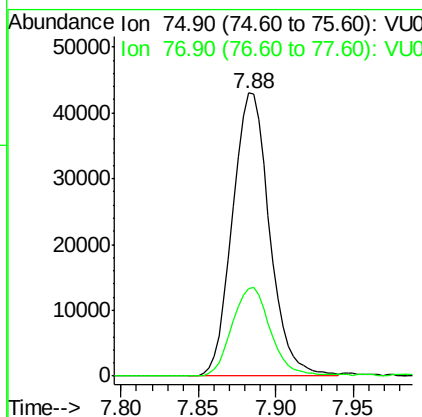
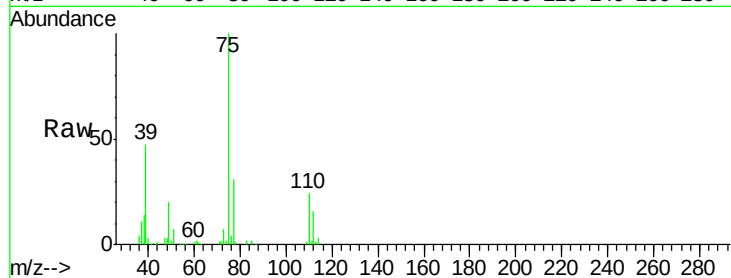
75 100

77 31.0 24.8 37.2

Manual Integrations
APPROVED

sam

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#54

cis-1,3-Dichloropropene

Concen: 20.10 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

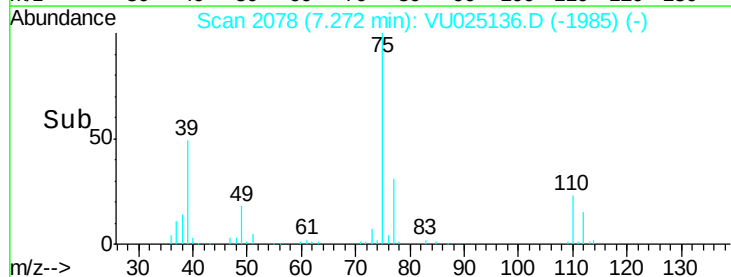
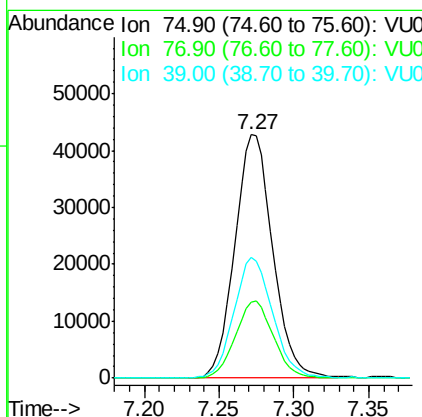
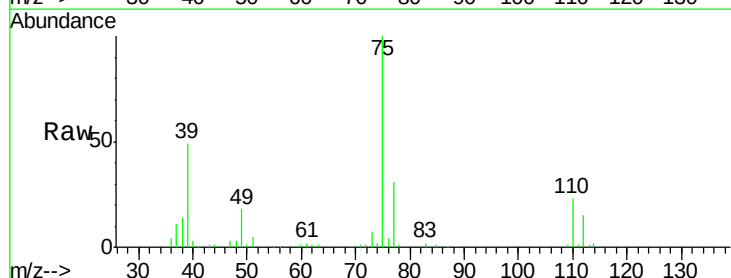
Tgt Ion: 75 Resp: 75624

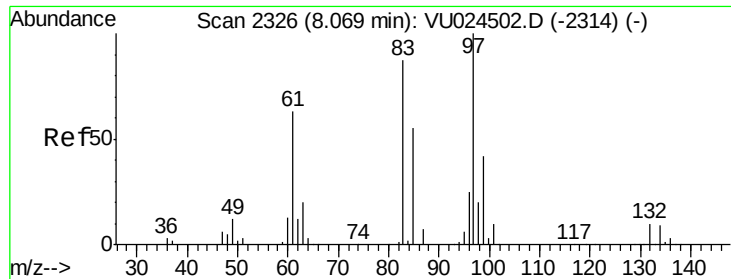
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 49.5 39.8 59.6





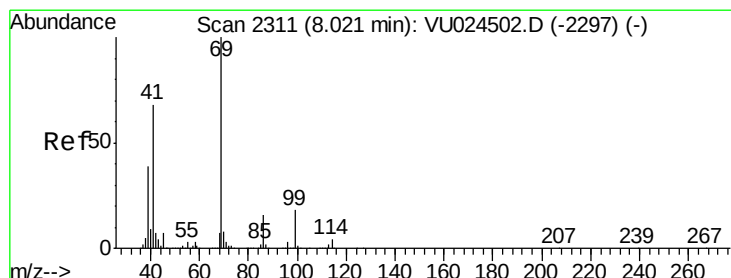
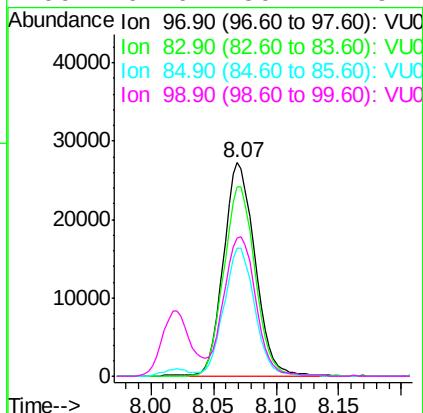
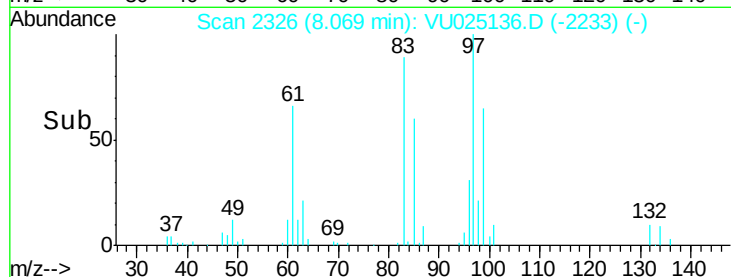
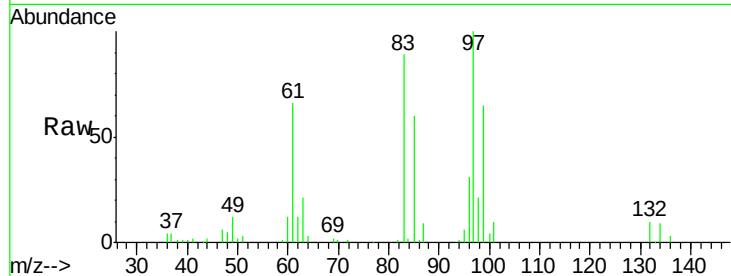
#55
 1,1,2-Trichloroethane
 Concen: 21.63 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion:	97	Resp:	47661
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.5	105.7
85	60.2	46.4	69.6
99	64.6	50.2	75.2

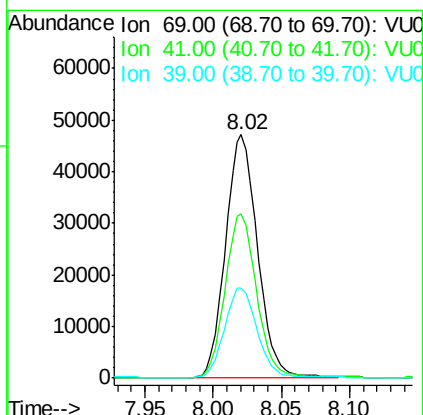
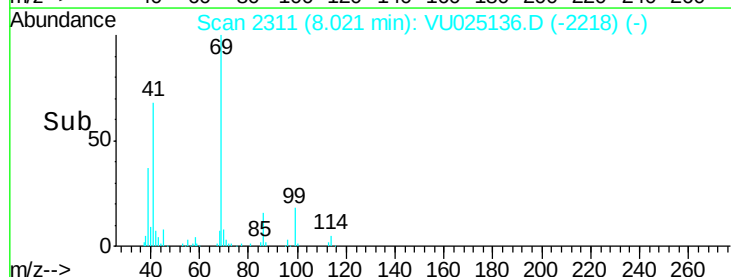
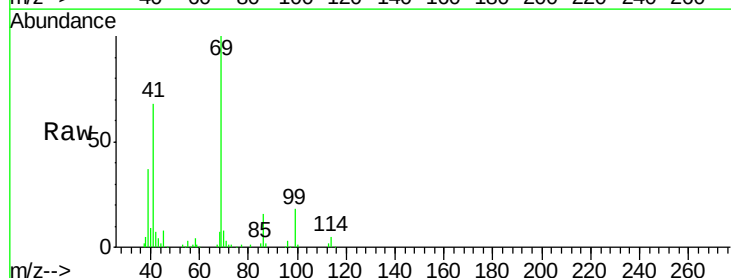
Manual Integrations
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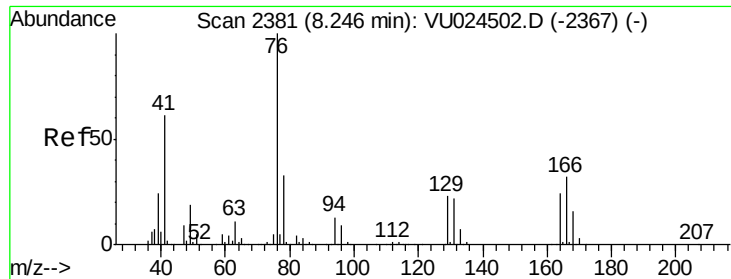
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#56
 Ethyl methacrylate
 Concen: 20.89 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion:	69	Resp:	77026
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.1	81.1
39	38.0	30.3	45.5





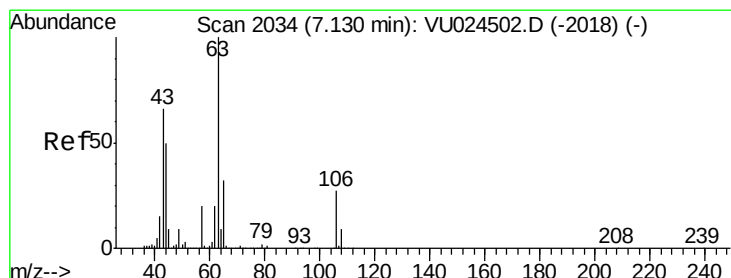
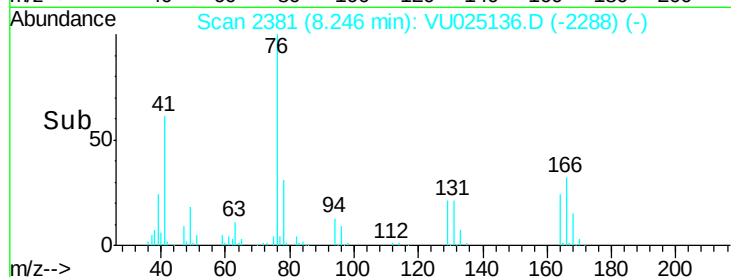
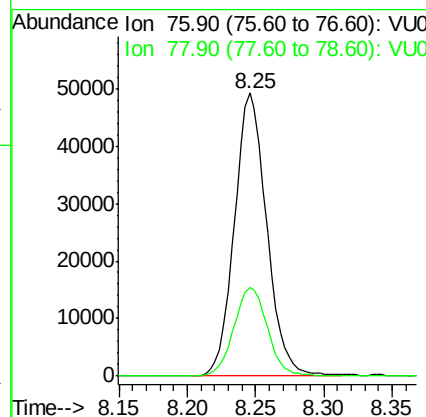
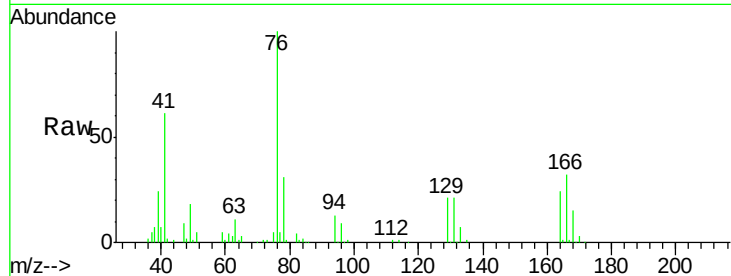
#57
 1,3-Dichloropropane
 Concen: 21.80 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion: 76 Resp: 81023
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

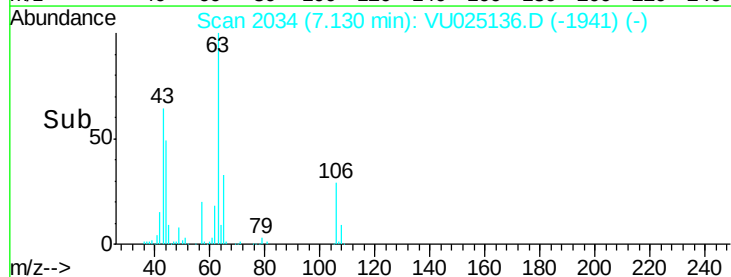
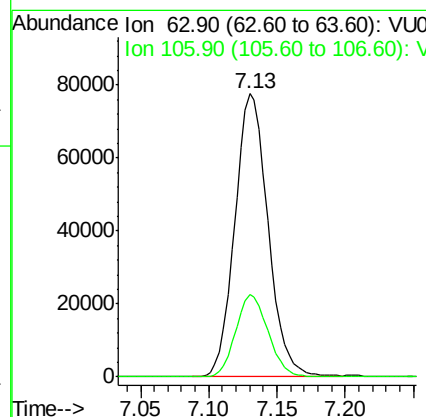
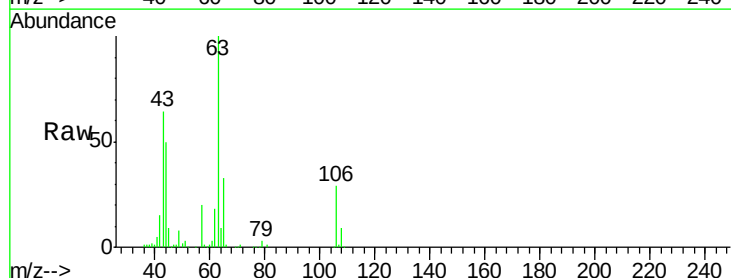
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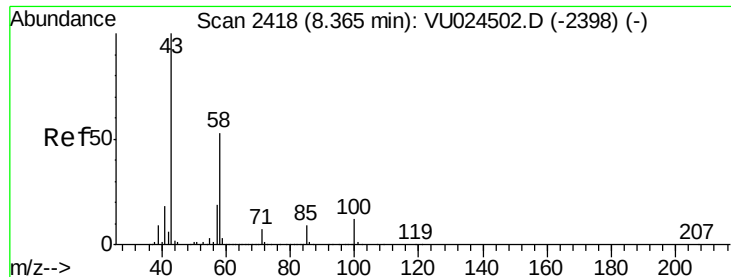
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.02 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 63 Resp: 131415
 Ion Ratio Lower Upper
 63 100
 106 28.5 20.2 30.2





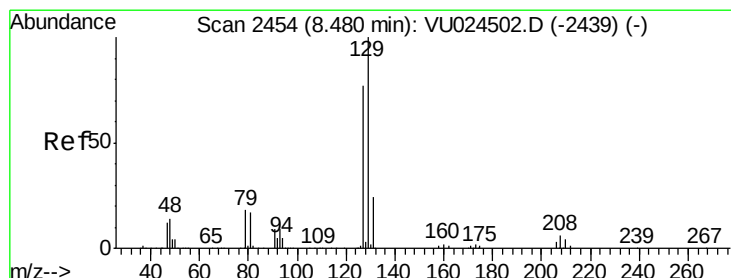
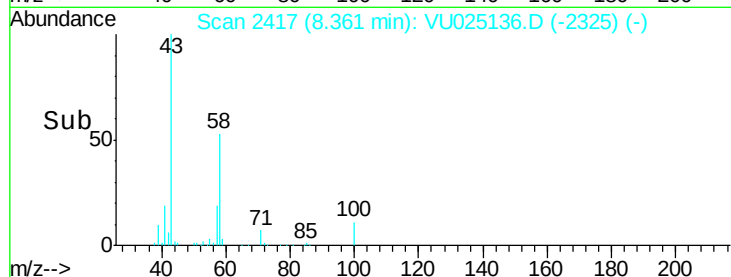
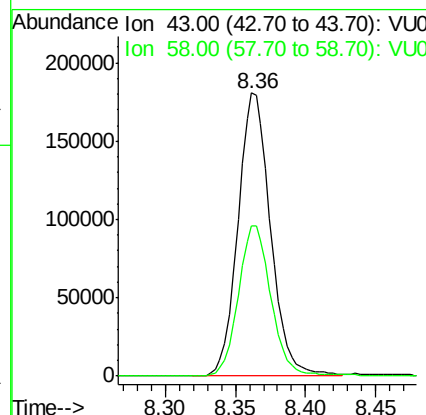
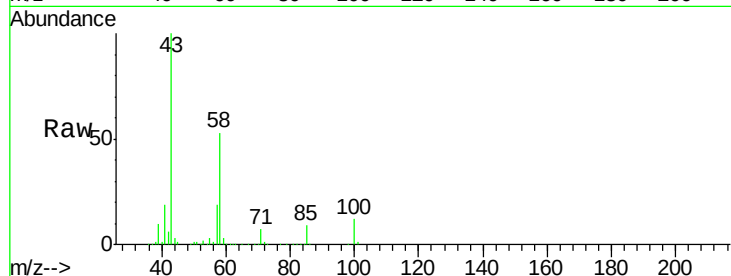
#59
2-Hexanone
Concen: 102.38 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.4	79.0

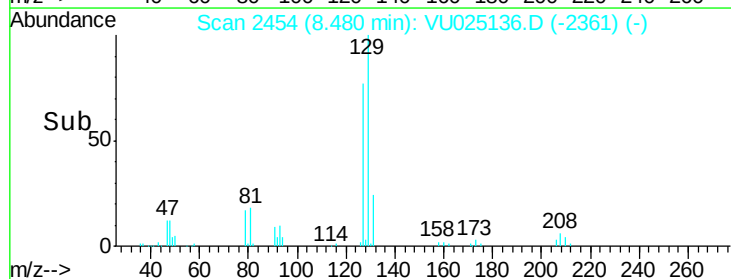
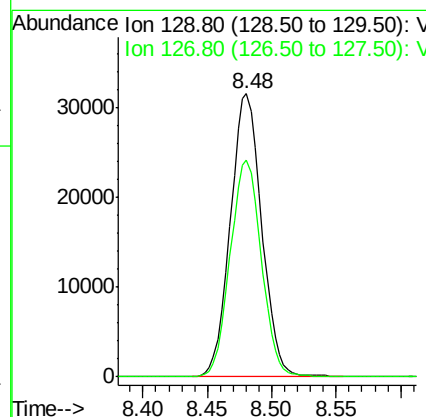
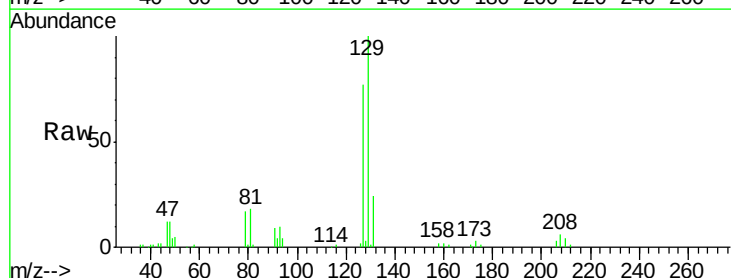
Manual Integrations
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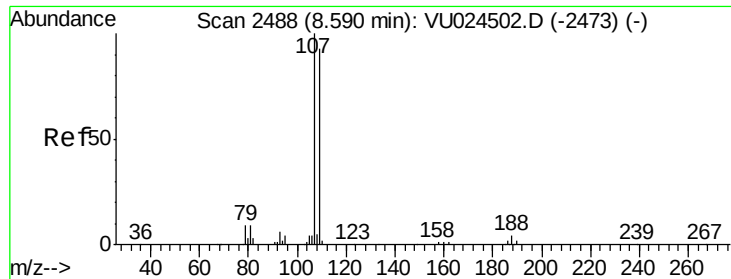
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#60
Dibromochloromethane
Concen: 19.38 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	116.0





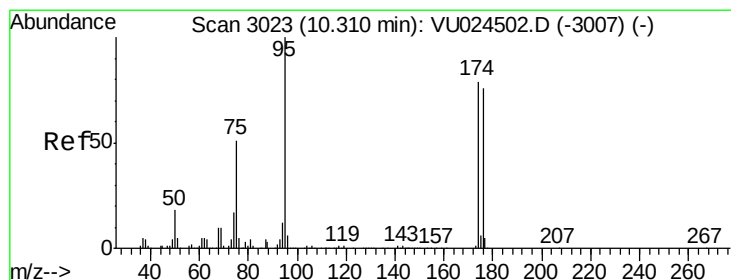
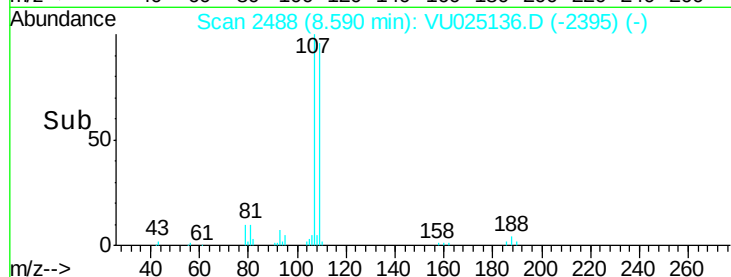
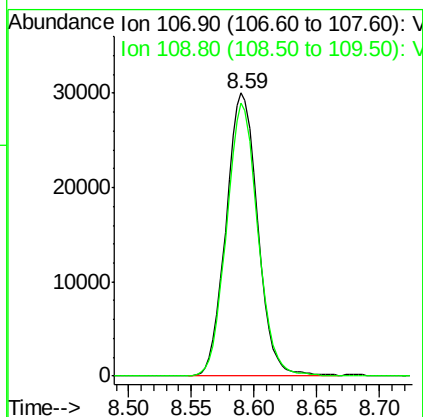
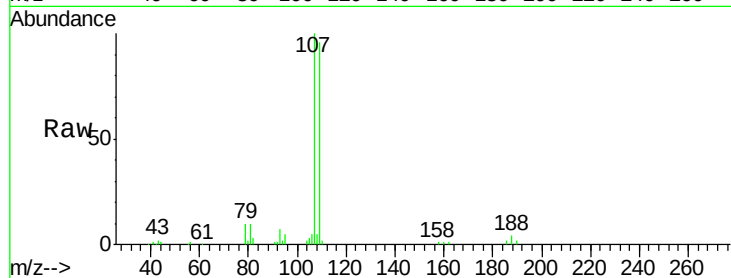
#61
 1,2-Dibromoethane
 Concen: 21.45 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	74.5	111.7

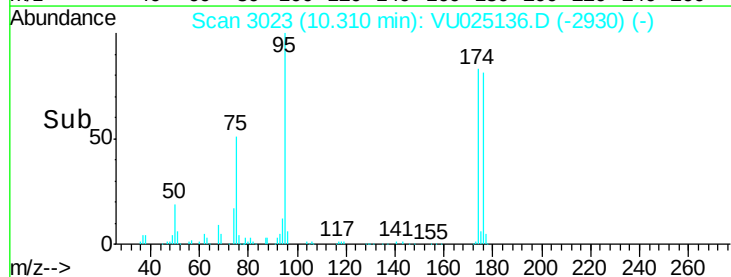
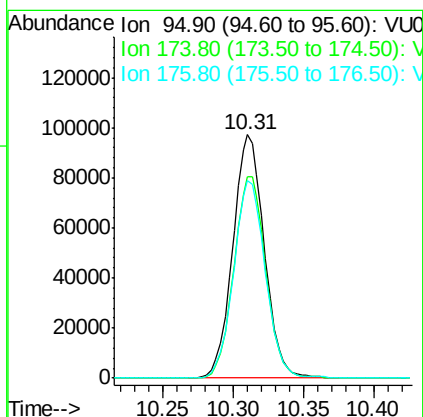
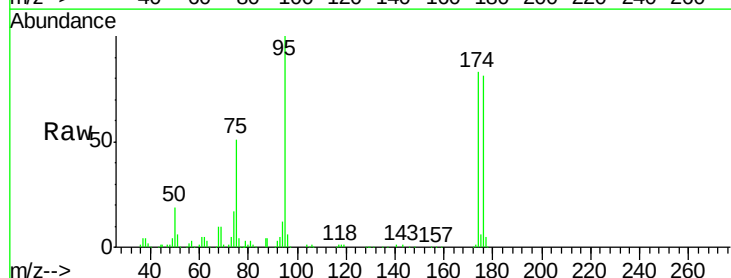
Manual Integrations
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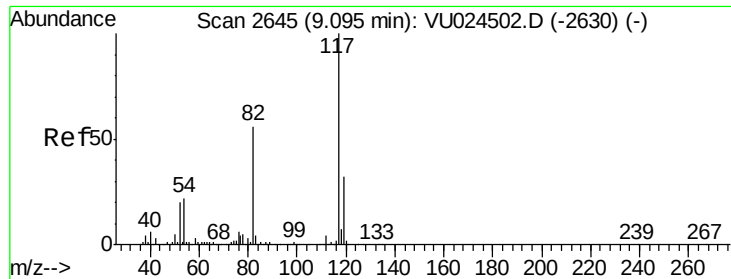
sam
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#62
 4-Bromofluorobenzene
 Concen: 50.12 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	82.2	0.0	159.4





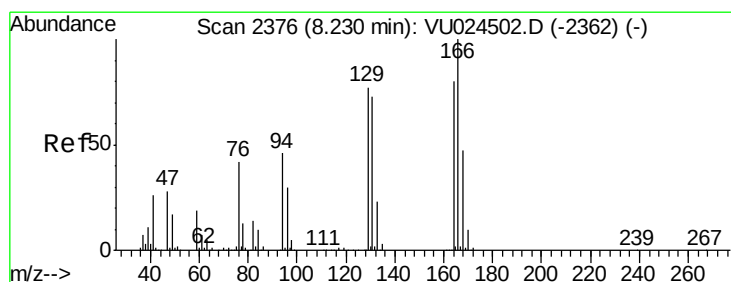
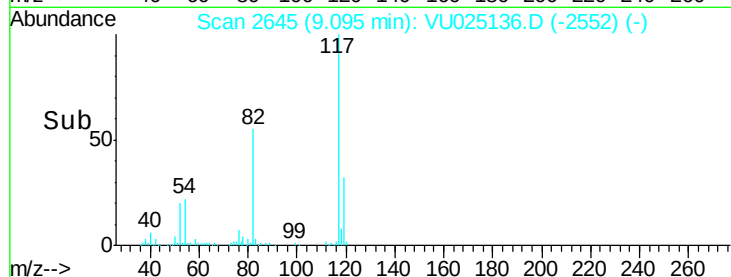
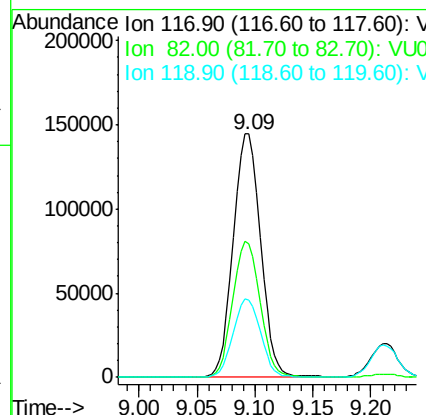
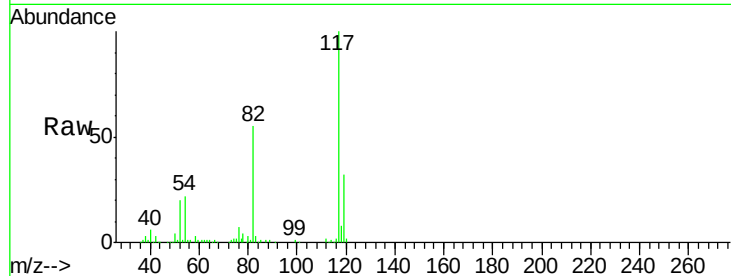
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	236868		
82	54.8		44.3	66.5
119	31.9		25.4	38.2

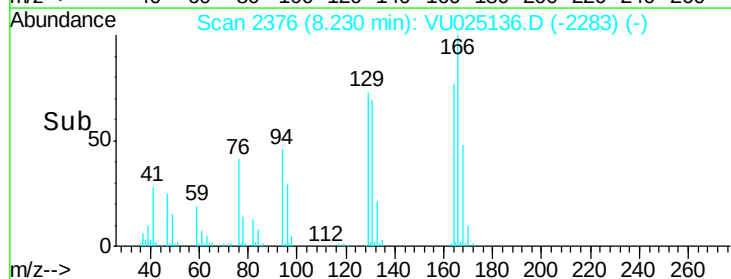
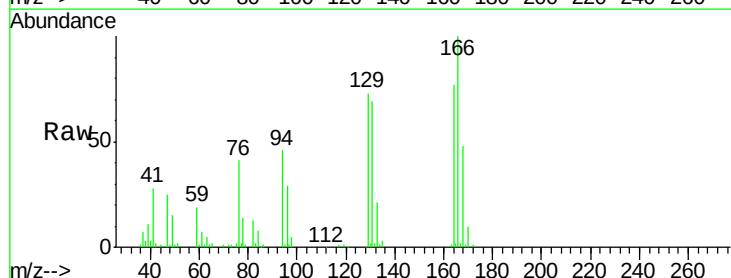
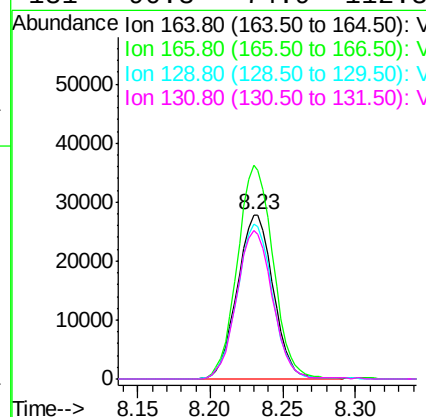
Manual Integrations
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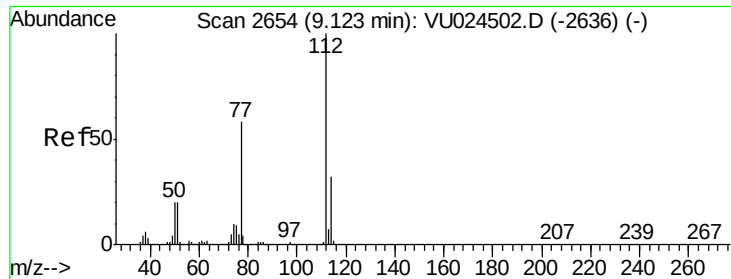
sam
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#64
Tetrachloroethene
Concen: 21.31 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47971		
166	130.1		101.7	152.5
129	94.6		76.9	115.3
131	90.3		74.9	112.3





#65

Chlorobenzene

Concen: 21.83 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion:112 Resp: 132105

Ion Ratio Lower Upper

112 100

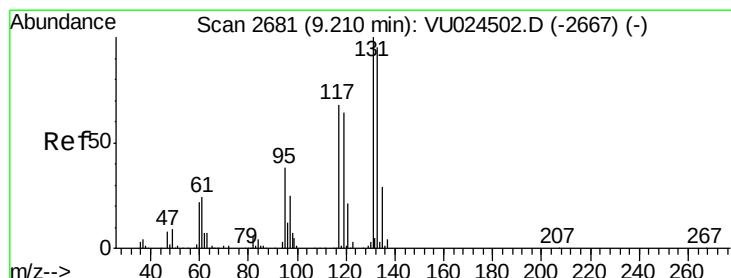
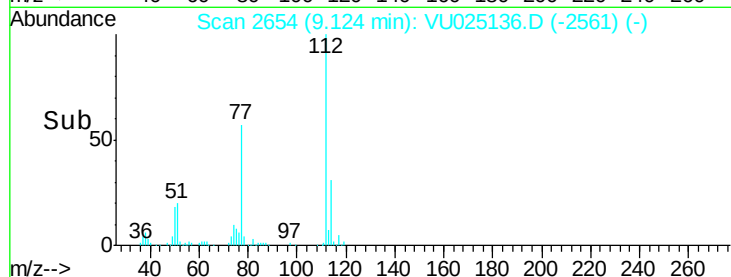
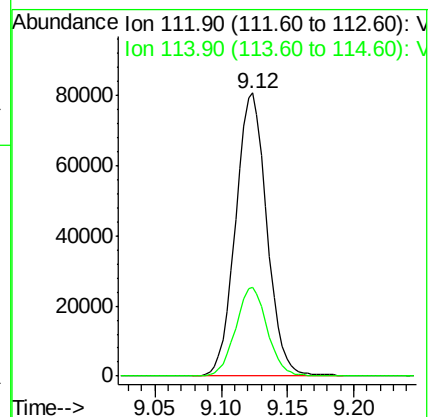
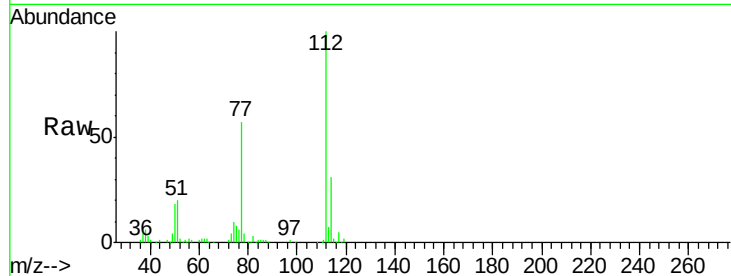
114 31.4 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.98 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

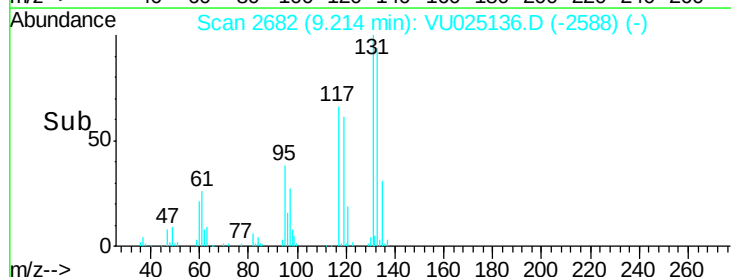
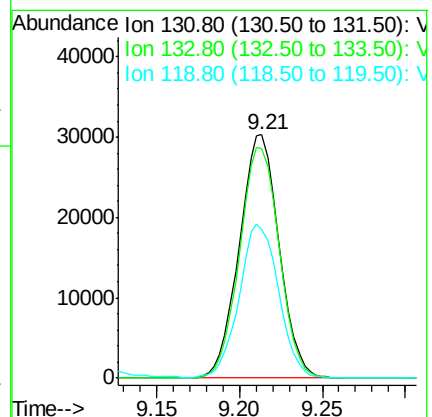
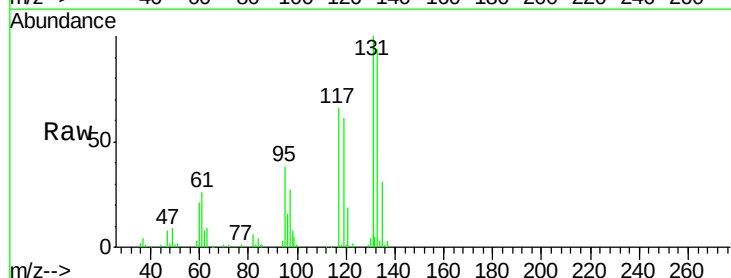
Tgt Ion:131 Resp: 50535

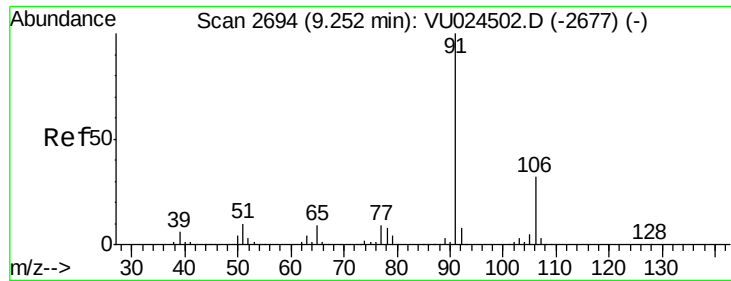
Ion Ratio Lower Upper

131 100

133 94.5 46.9 140.8

119 62.8 33.5 100.4





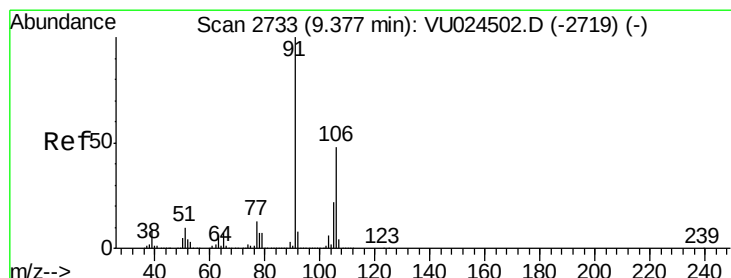
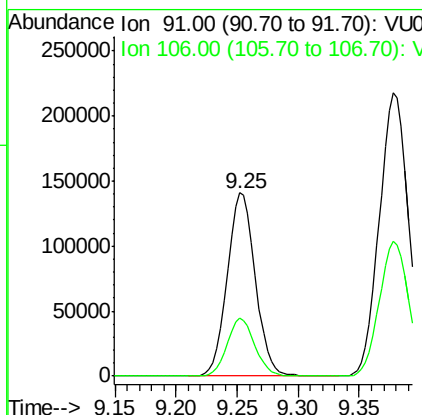
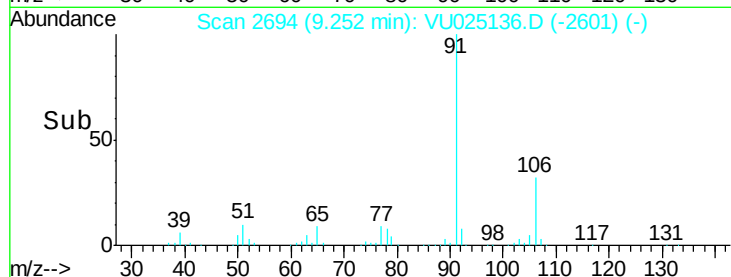
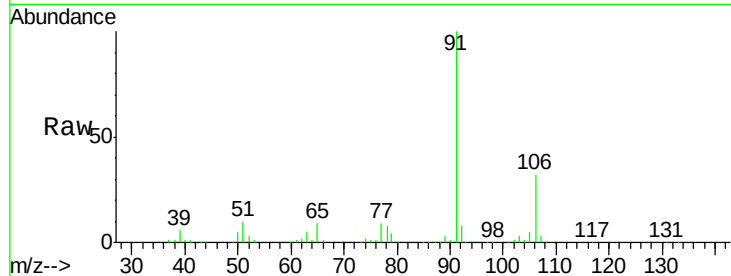
#67
Ethyl Benzene
Concen: 21.38 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 91 Resp: 226783
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4

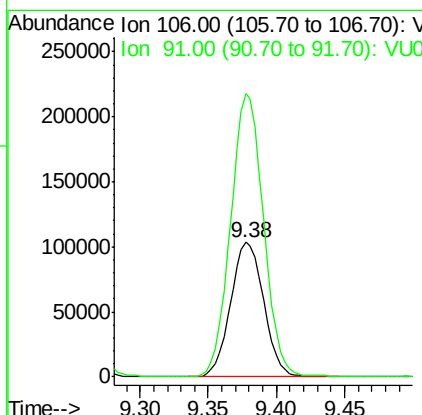
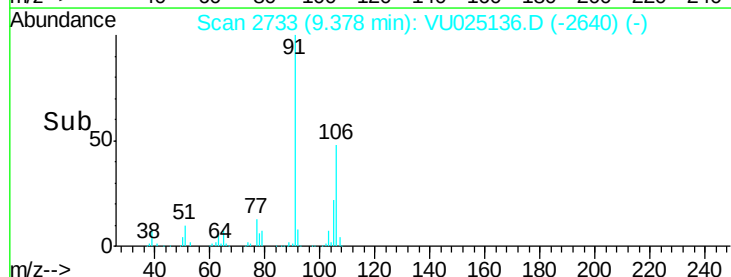
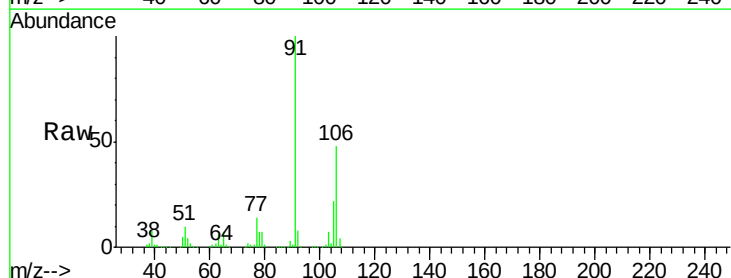
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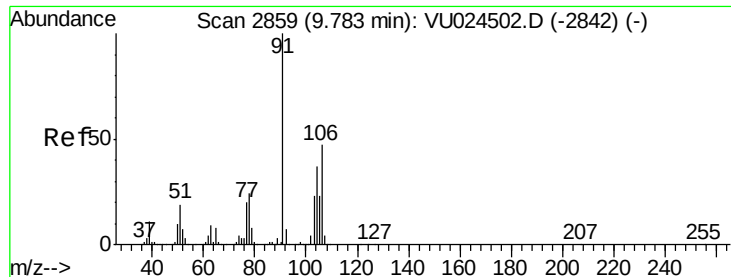
sam
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#68
m/p-Xylenes
Concen: 42.82 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 106 Resp: 174415
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7





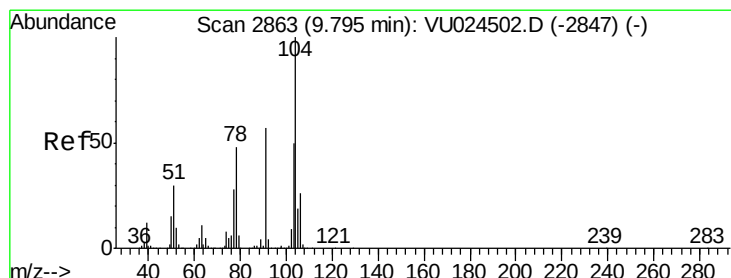
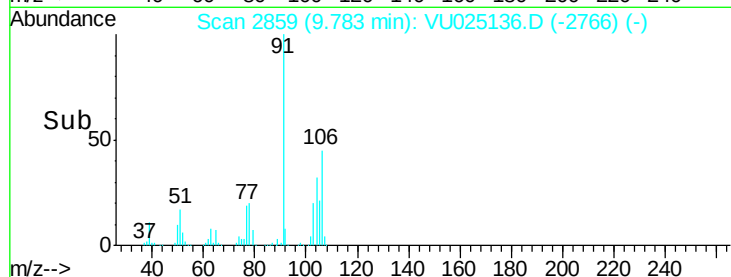
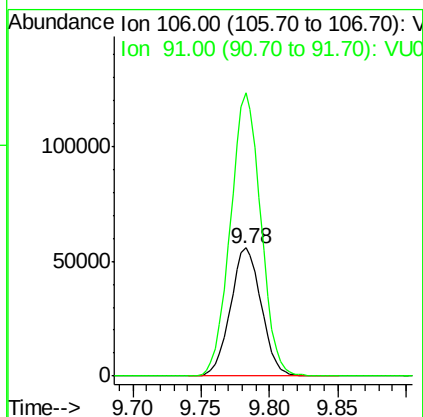
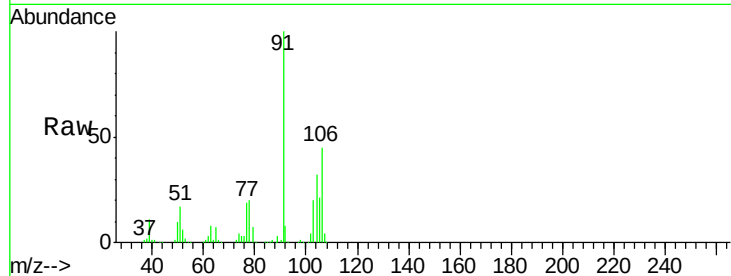
#69
o-Xylene
Concen: 21.71 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.2	110.7	331.9	

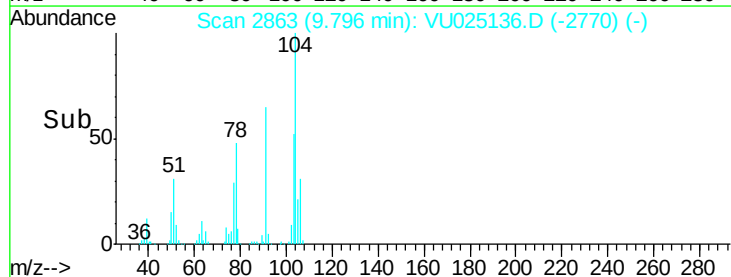
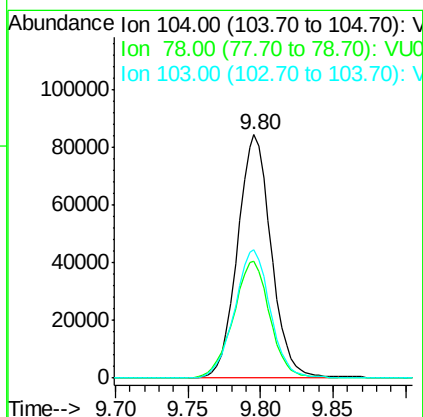
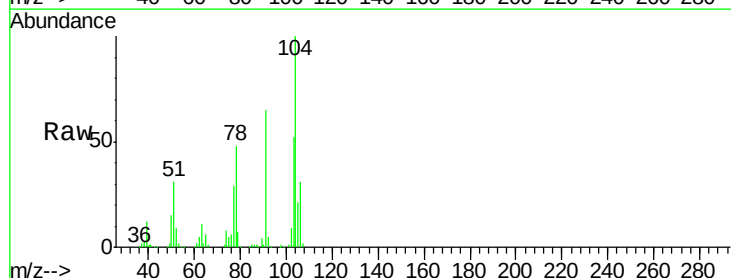
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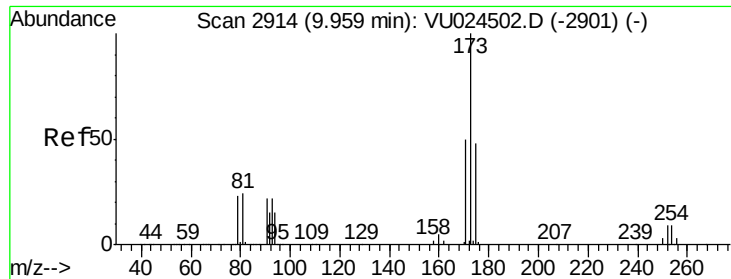
sam
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#70
Styrene
Concen: 20.62 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.0	40.6	60.8	
103	55.9	44.7	67.1	





#71

Bromoform

Concen: 18.96 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

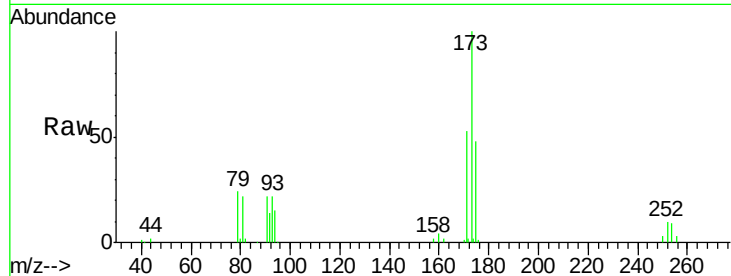
ClientSampleId :

VU0702WBSD01

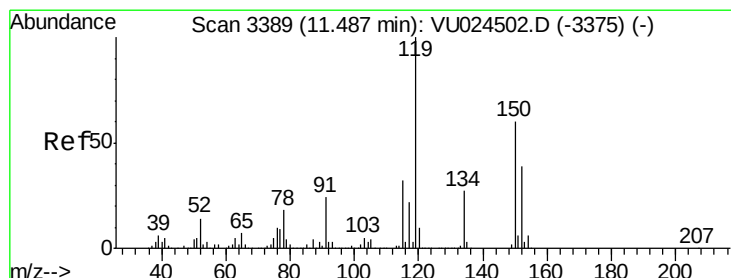
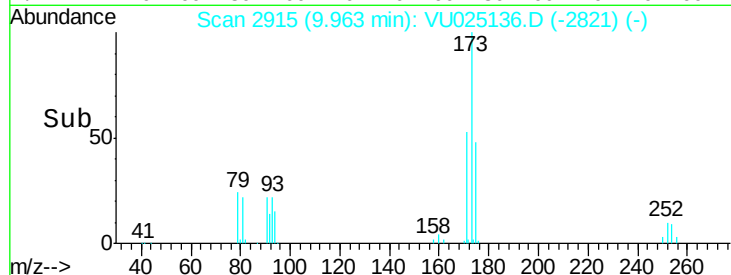
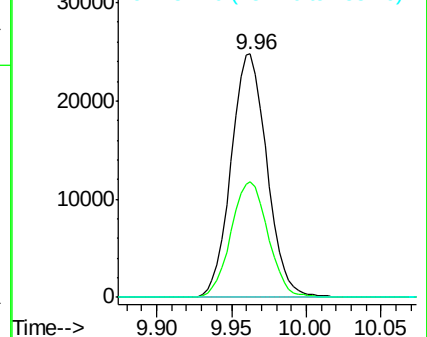
Tot Ion:	173	Resp:	41429
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
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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

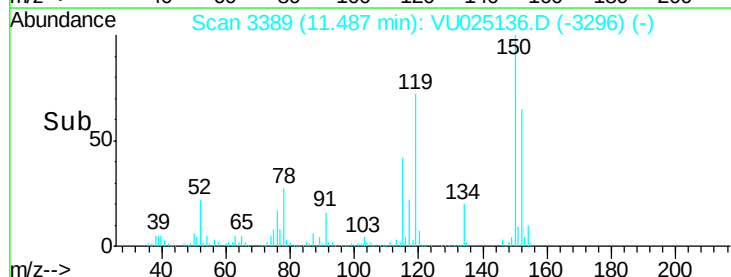
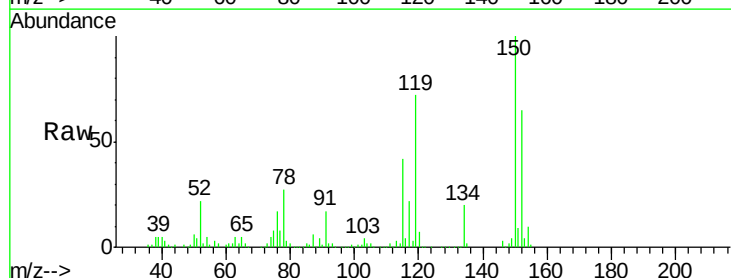
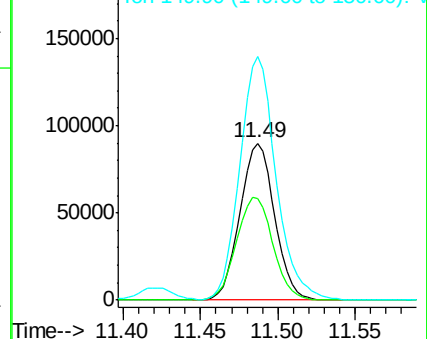
Delta R.T. 0.00 min

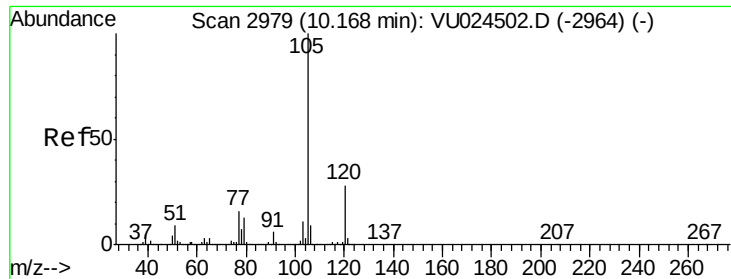
Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	152	Resp:	139920
Ion Ratio	Lower	Upper	
152	100		
115	68.8	43.0	129.0
150	162.7	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: 21.83 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 105 Resp: 234490

Ion Ratio Lower Upper

105 100

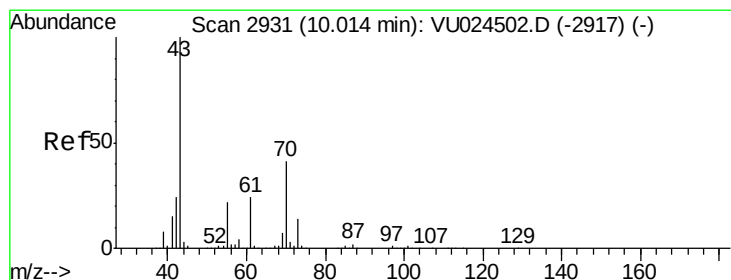
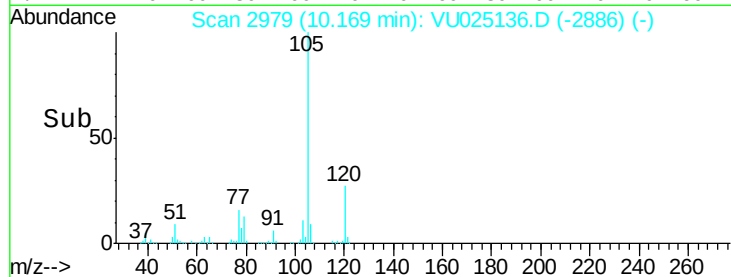
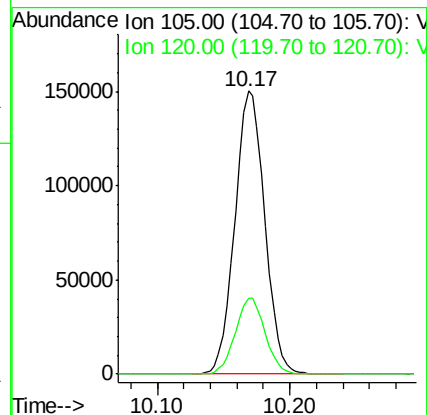
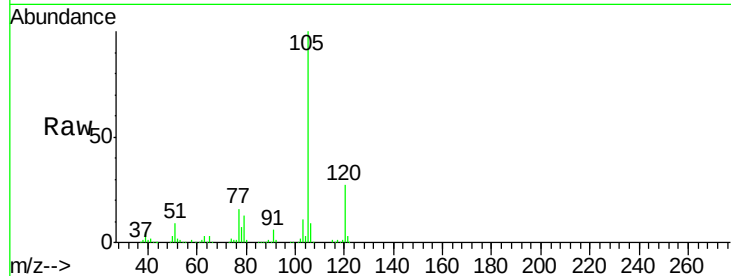
120 26.7 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.06 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion: 43 Resp: 97381

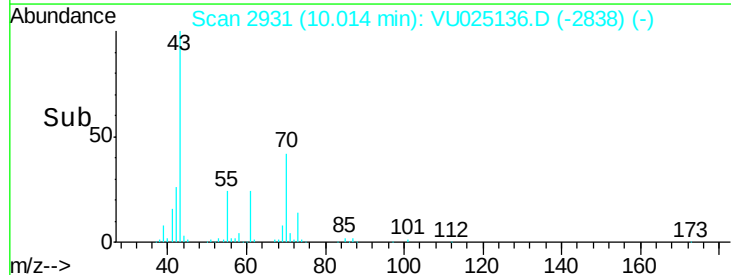
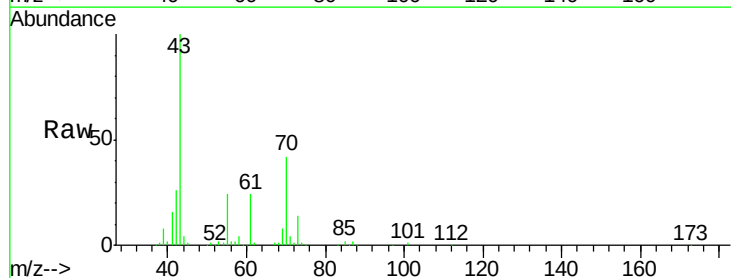
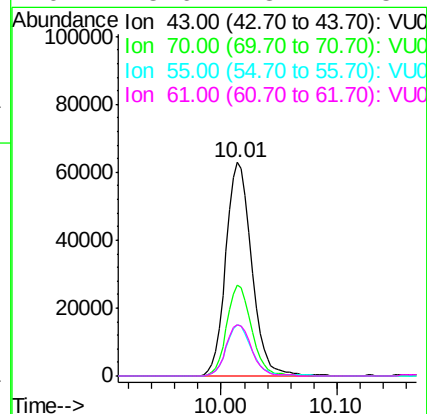
Ion Ratio Lower Upper

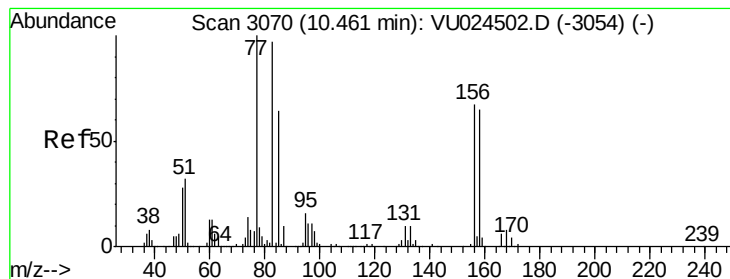
43 100

70 40.7 32.2 48.4

55 23.2 20.5 30.7

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.84 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 83 Resp: 78617

Ion Ratio Lower Upper

83 100

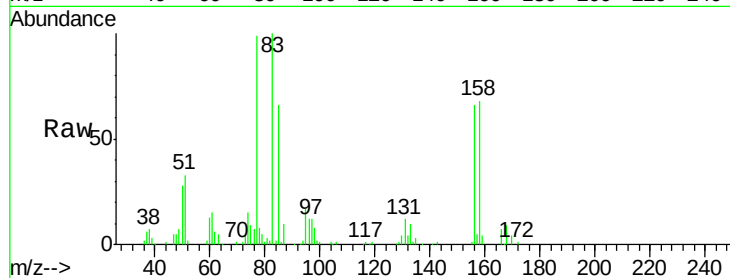
131 11.0 4.7 14.1

85 65.7 32.5 97.5

Manual Integrations
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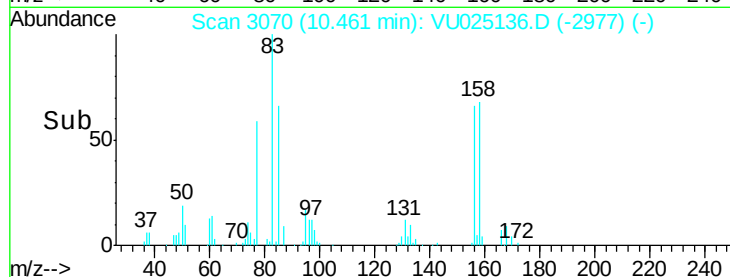


Abundance Ion 82.90 (82.60 to 83.60): VU025136.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025136.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025136.D (-2977) (-)

Time-->

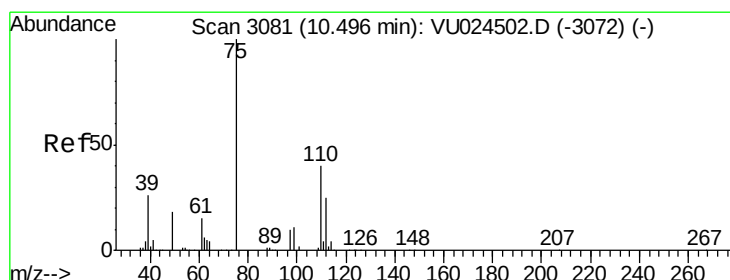


Abundance Ion 82.90 (82.60 to 83.60): VU025136.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025136.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025136.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.59 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025136.D

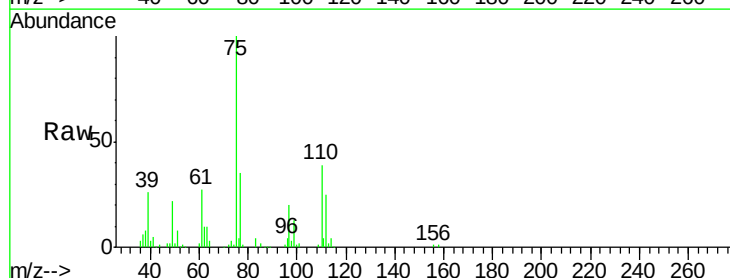
Acq: 02 Jul 2018 12:17

Tgt Ion: 75 Resp: 66523

Ion Ratio Lower Upper

75 100

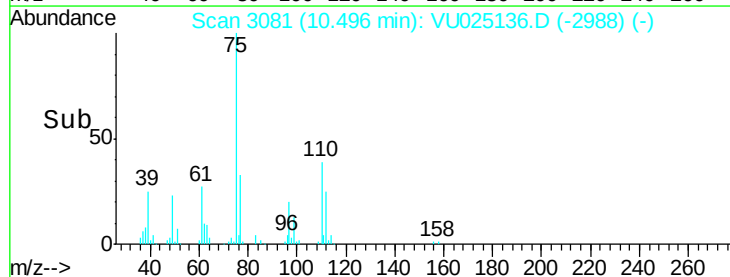
77 42.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025136.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025136.D (-2988) (-)

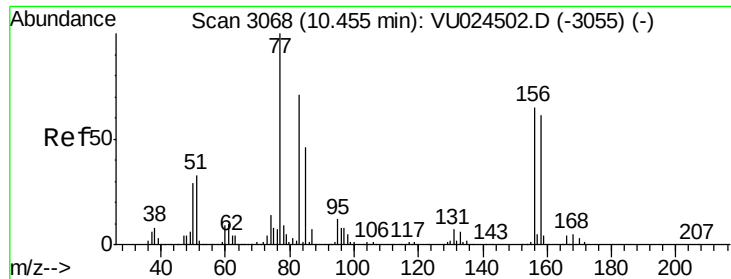
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU025136.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025136.D (-2988) (-)

Time-->



#77

Bromobenzene

Concen: 21.43 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

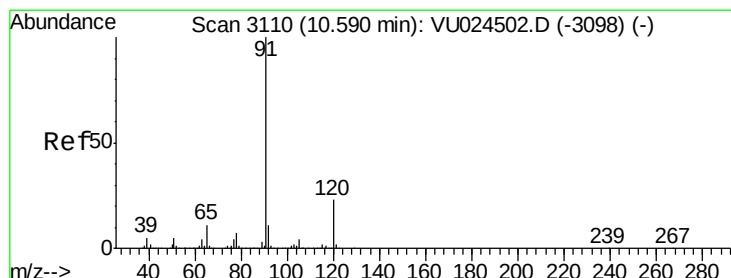
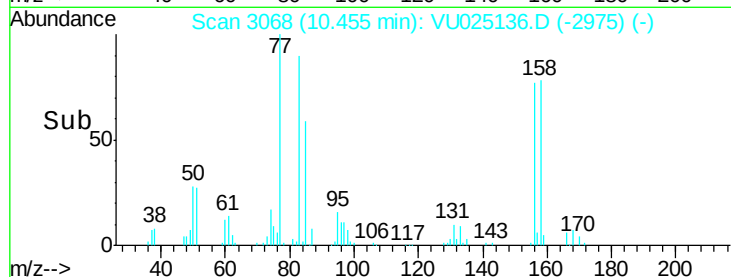
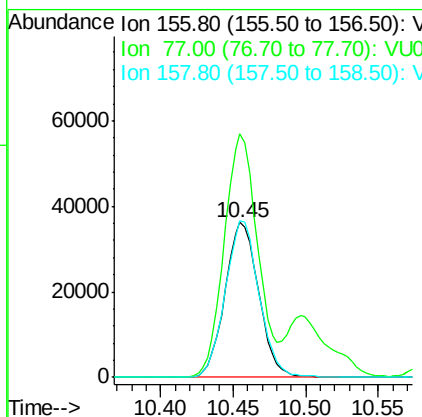
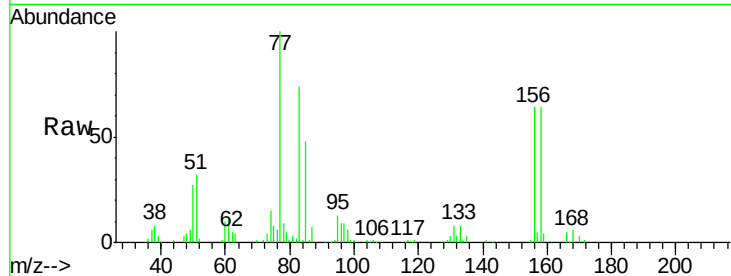
ClientSampleId :

VU0702WBSD01

Tot Ion:	156	Resp:	58291
Ion Ratio	Lower	Upper	
156	100		
77	155.8	80.5	241.3
158	101.2	48.2	144.6

Manual Integrations
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sam
7/3/2018 3:52:36 PM



#78

n-propylbenzene

Concen: 20.79 ug/l

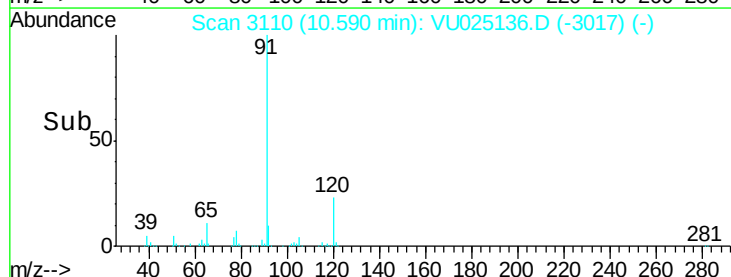
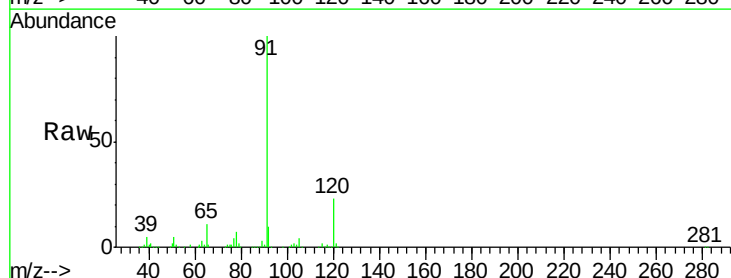
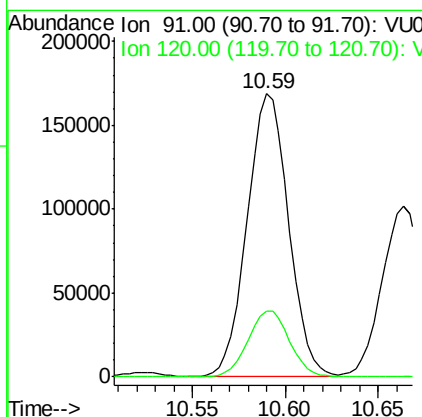
RT: 10.59 min Scan# 3110

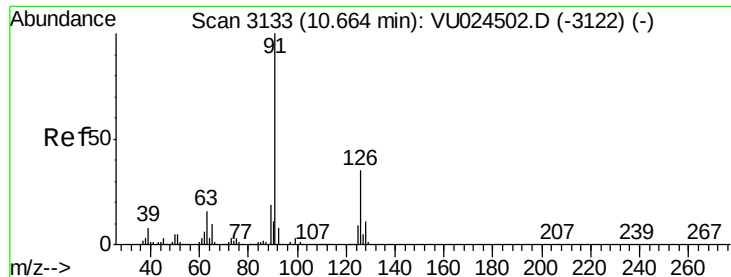
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	91	Resp:	263043
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 21.44 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion: 91 Resp: 159971

Ion Ratio Lower Upper

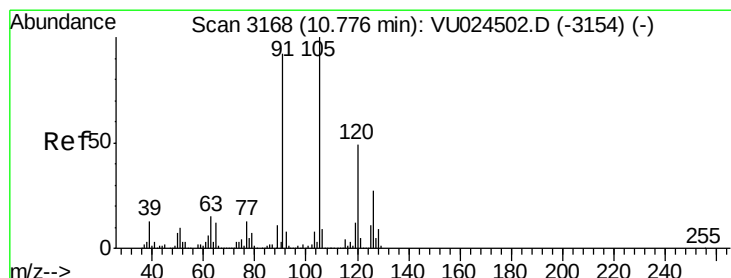
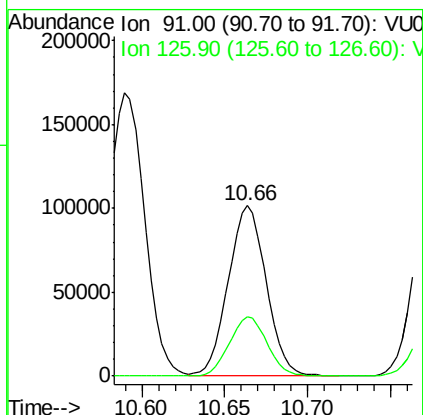
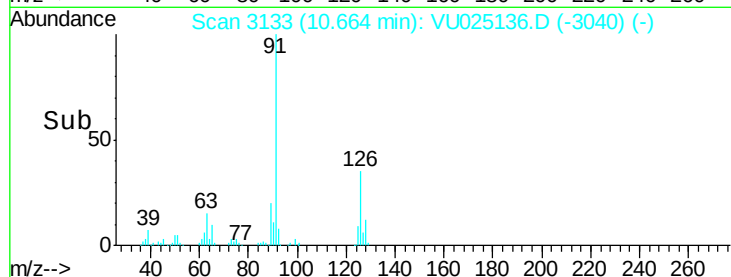
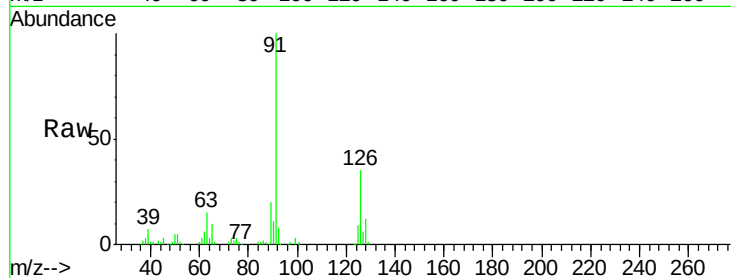
91 100

126 35.1 16.9 50.7

Manual Integrations
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sam

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#80

1,3,5-Trimethylbenzene

Concen: 21.75 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025136.D

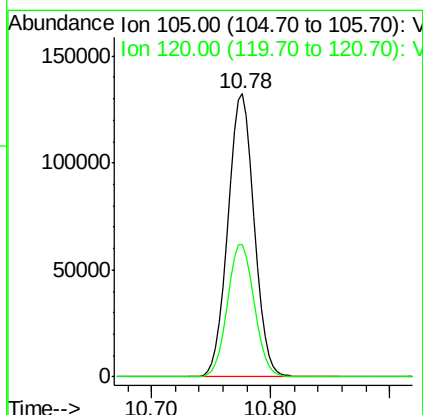
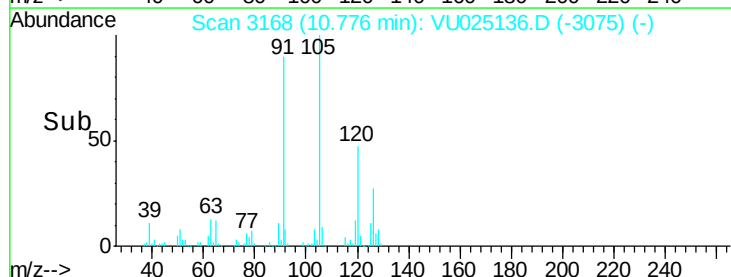
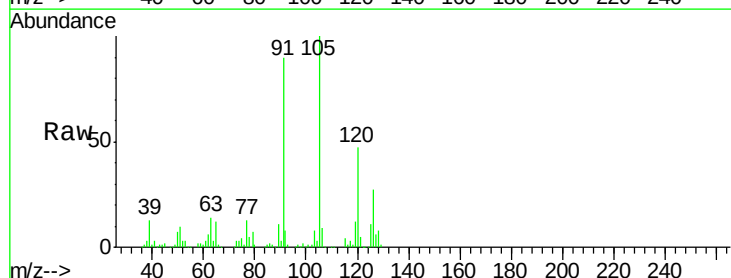
Acq: 02 Jul 2018 12:17

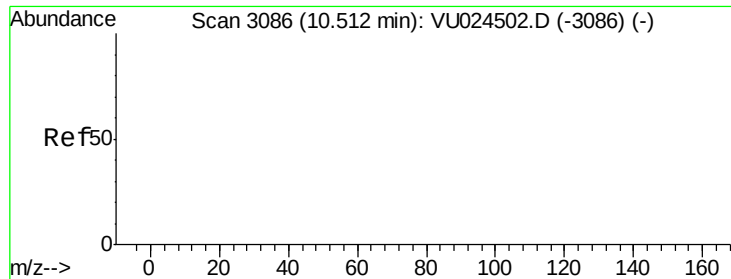
Tgt Ion: 105 Resp: 202510

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





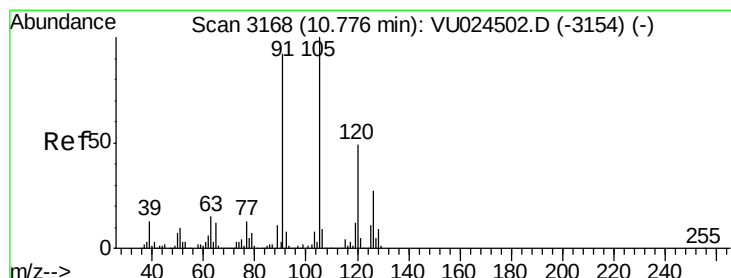
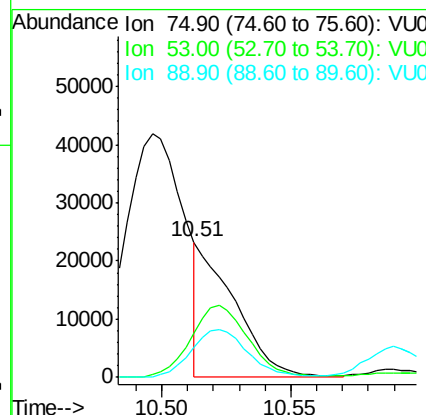
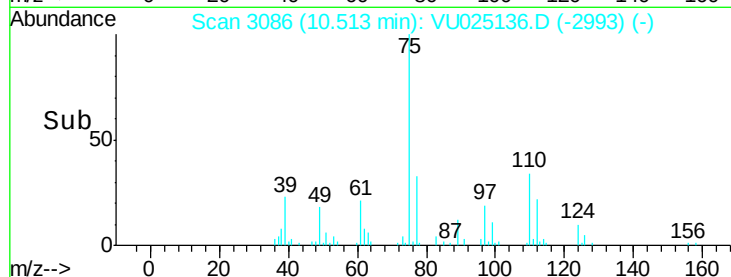
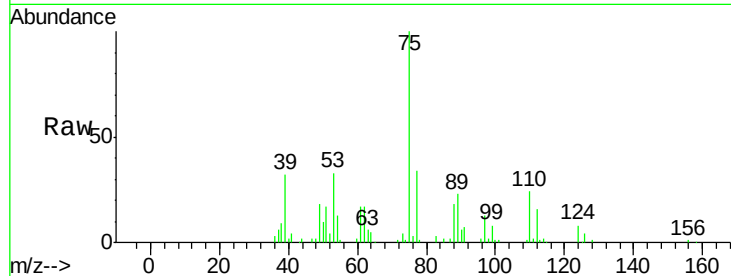
#81
trans-1,4-Dichloro-2-butene
Concen: 17.10 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

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

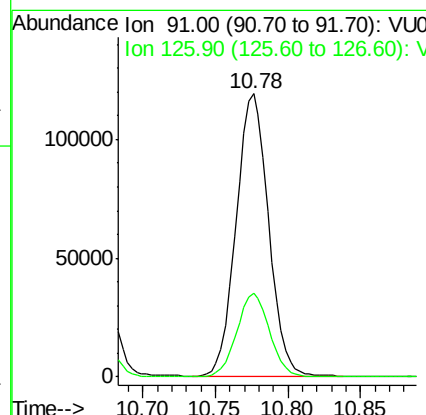
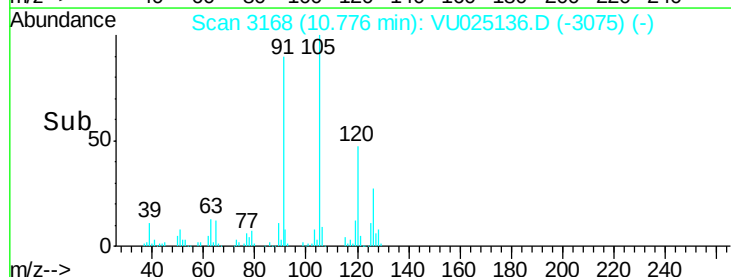
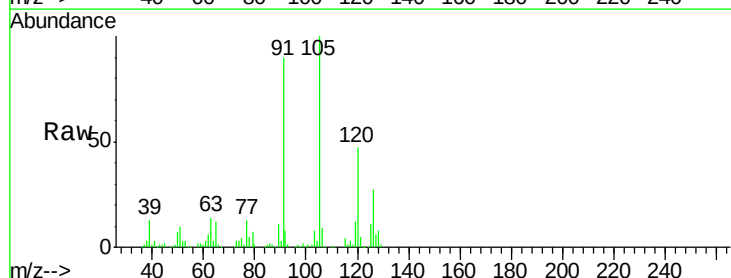
Manual Integrations
APPROVED

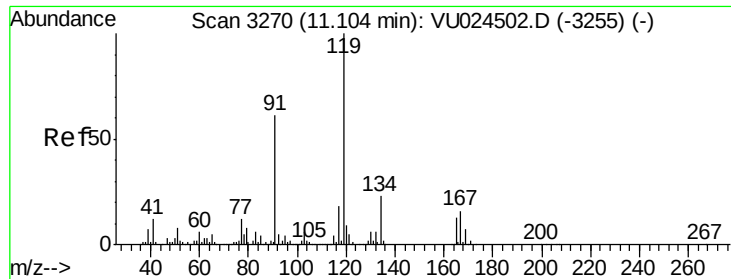
sam
7/3/2018 3:52:36 PM



#82
4-Chlorotoluene
Concen: 21.20 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.9	44.9





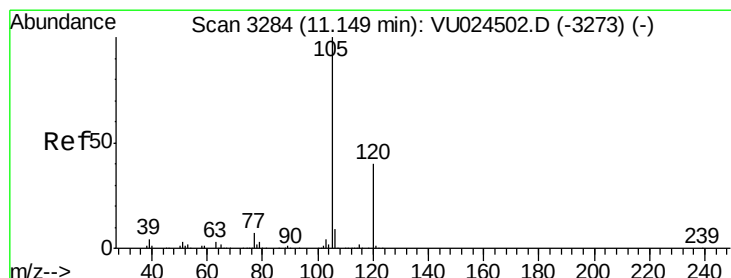
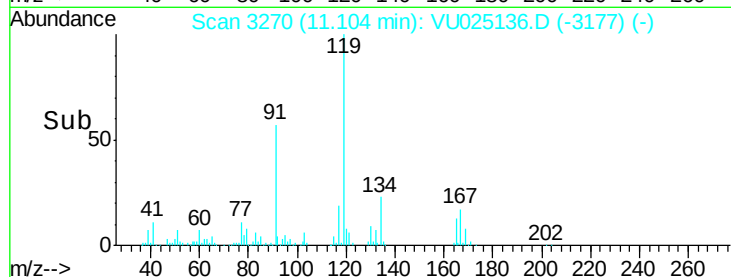
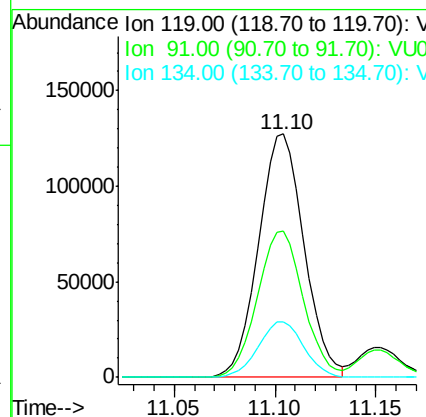
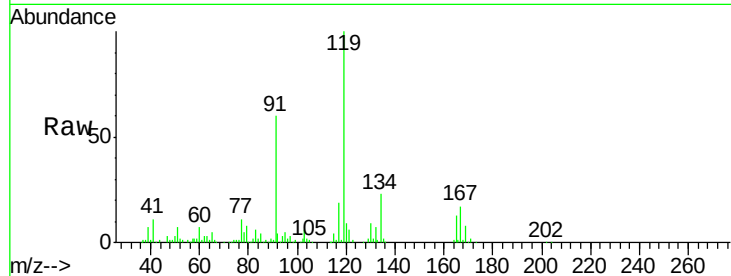
#83
 tert-Butylbenzene
 Concen: 22.41 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200689		
91	60.8	29.7	89.1	
134	22.9	11.6	34.7	

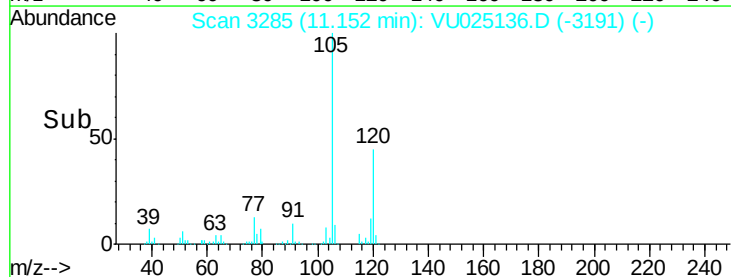
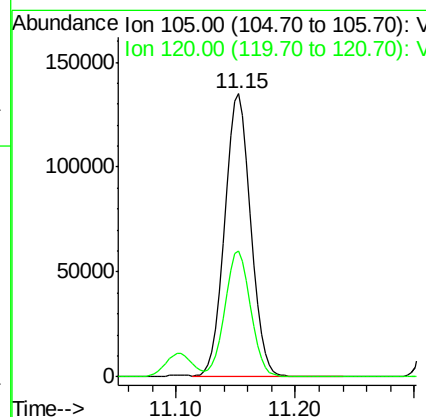
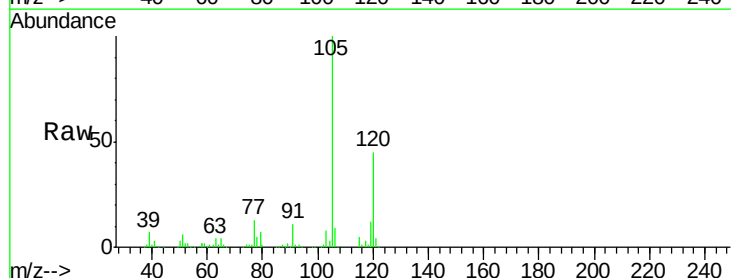
Manual Integrations
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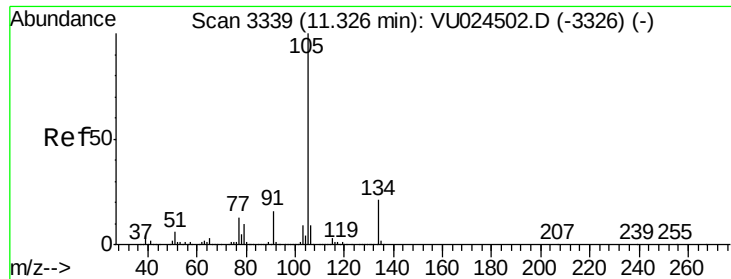
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.56 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204615		
120	43.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.49 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

Tot Ion:105 Resp: 240887

Ion Ratio Lower Upper

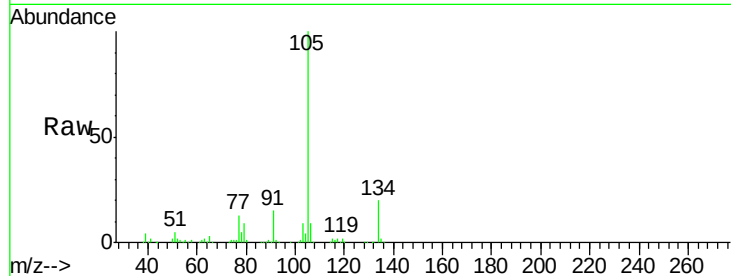
105 100

134 20.1 9.7 29.1

Manual Integrations
APPROVED

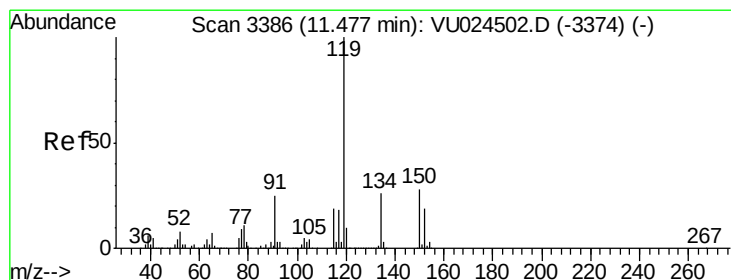
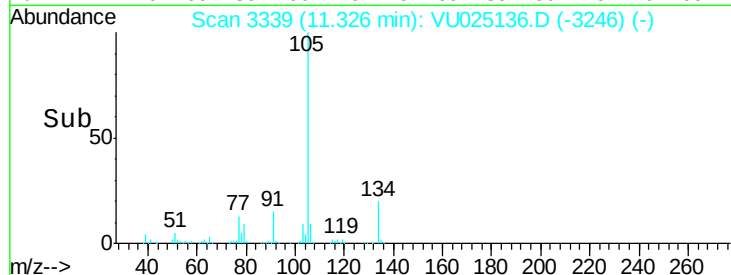
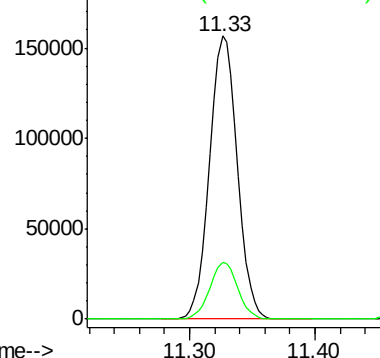
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.64 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

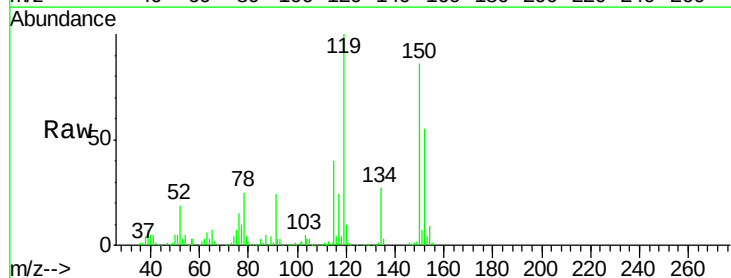
Tgt Ion:119 Resp: 207228

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

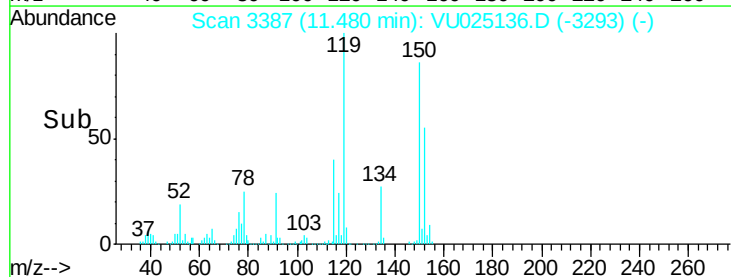
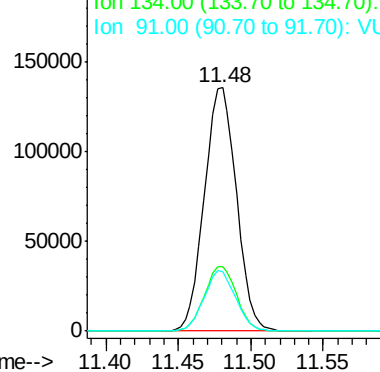
91 24.6 12.0 36.1

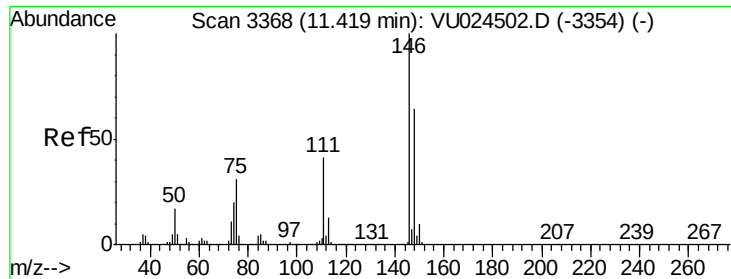


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





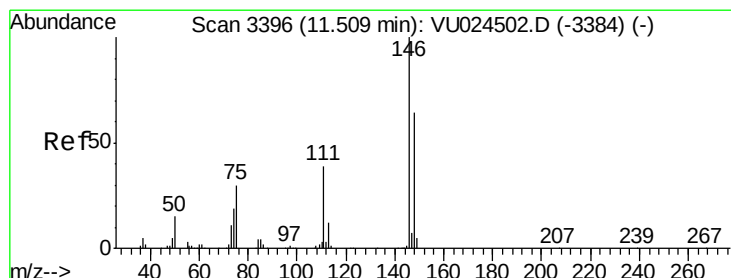
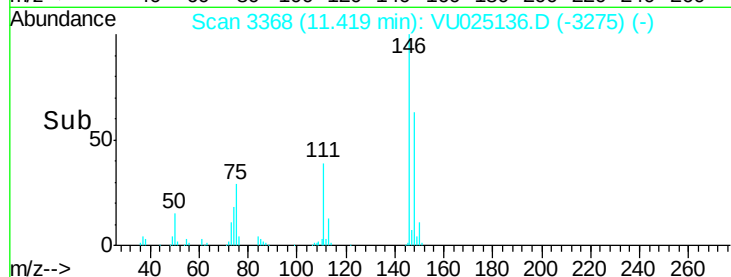
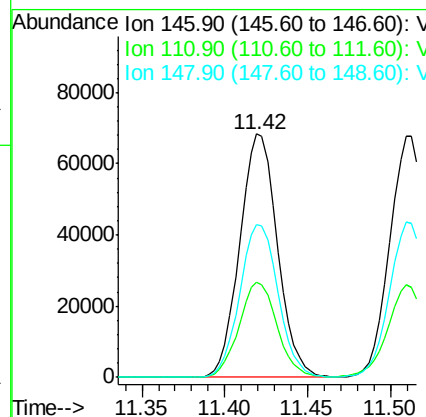
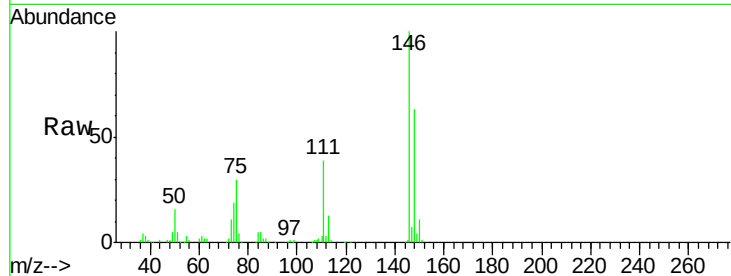
#87
 1,3-Dichlorobenzene
 Concen: 21.52 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.9	32.1	96.5

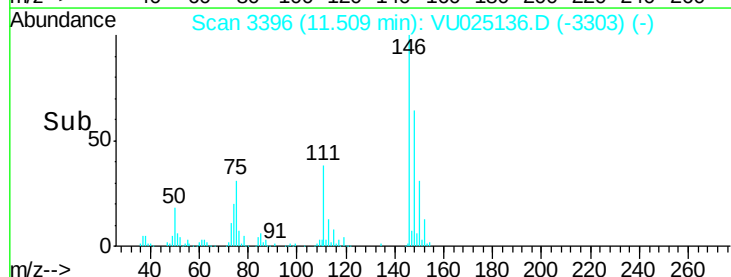
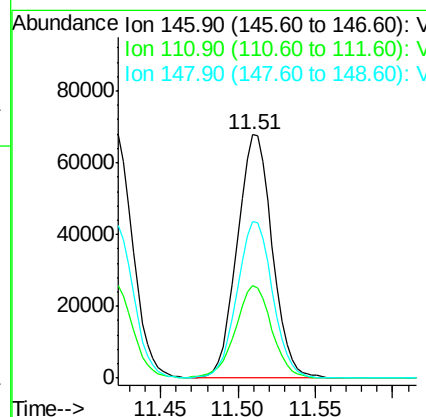
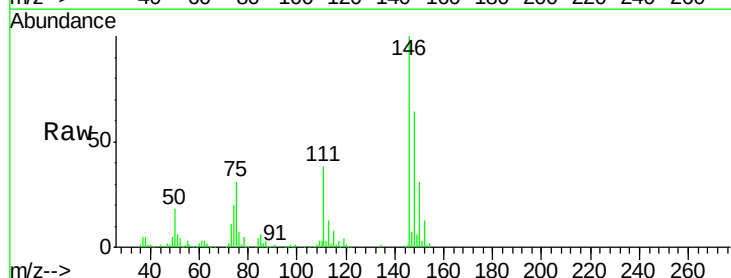
Manual Integrations
 APPROVED

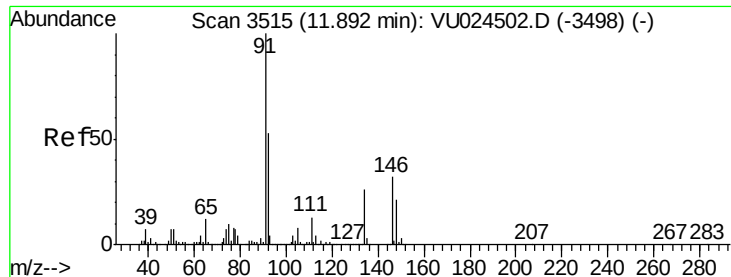
sam
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#88
 1,4-Dichlorobenzene
 Concen: 21.03 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	65.5	32.4	97.0





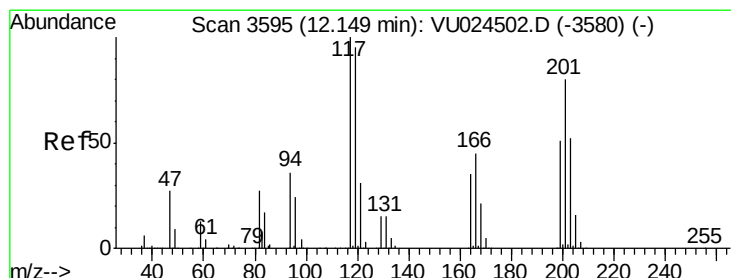
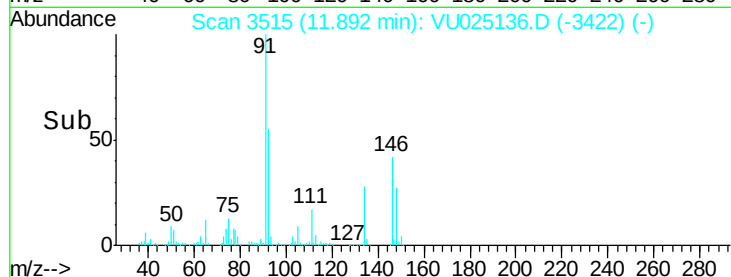
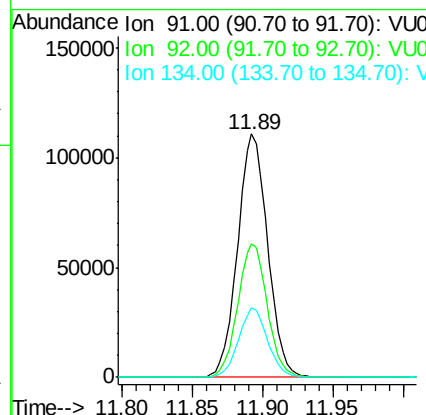
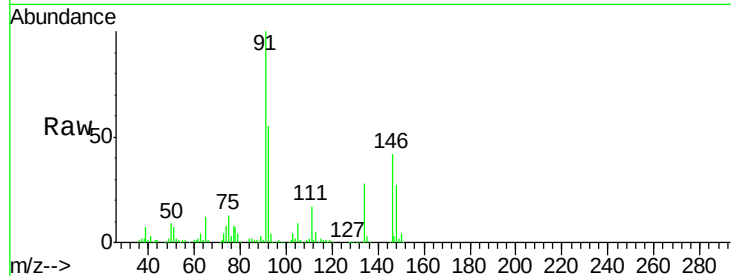
#89
n-Butylbenzene
Concen: 18.59 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	165737		
92	53.7	25.6	76.8	
134	27.5	12.3	36.8	

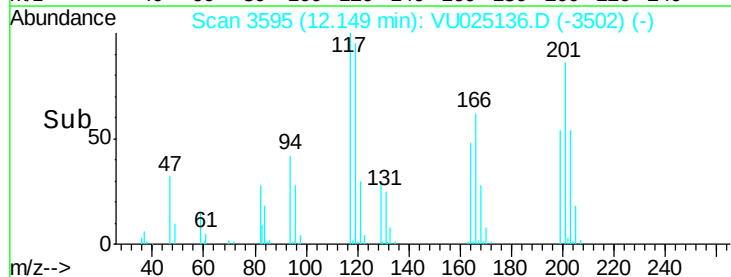
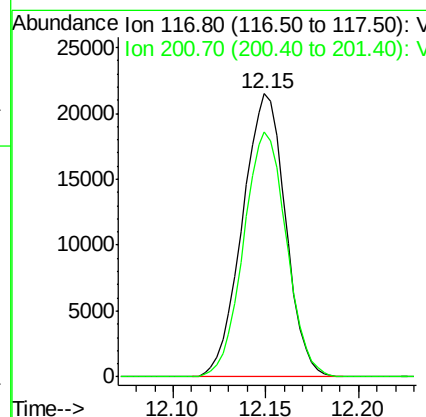
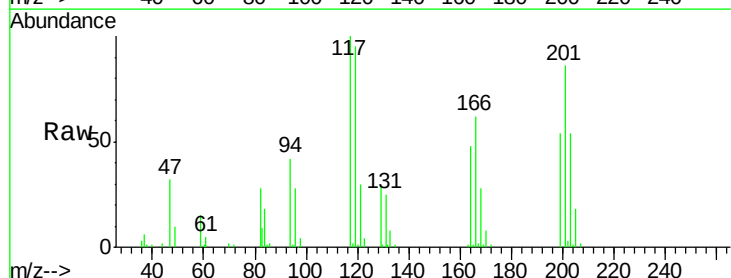
Manual Integrations
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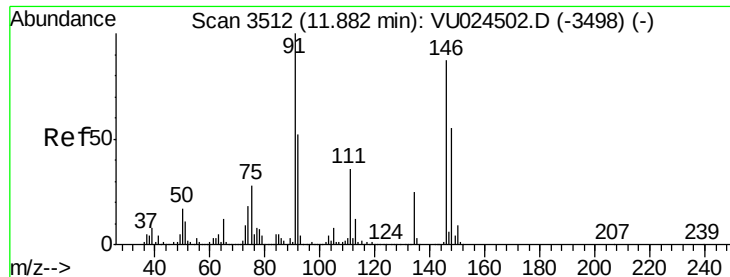
sam
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#90
Hexachloroethane
Concen: 17.77 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34810		
201	86.0	41.1	123.3	





#91

1,2-Dichlorobenzene

Concen: 21.91 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

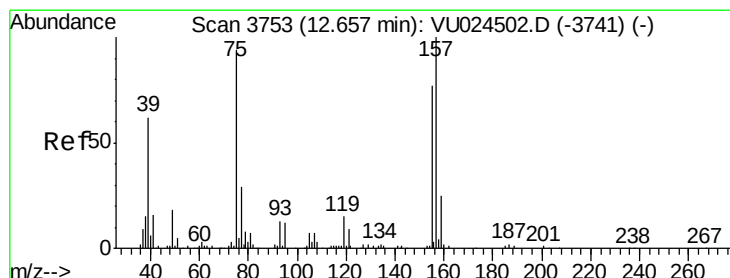
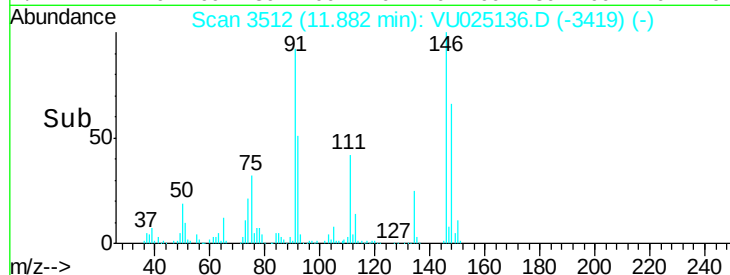
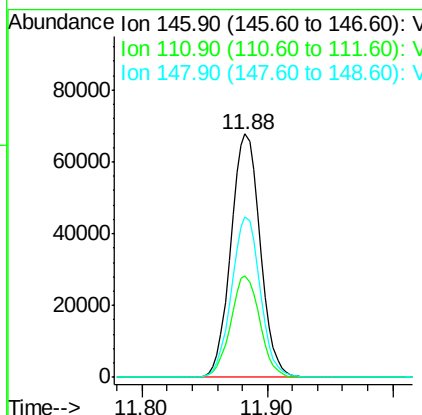
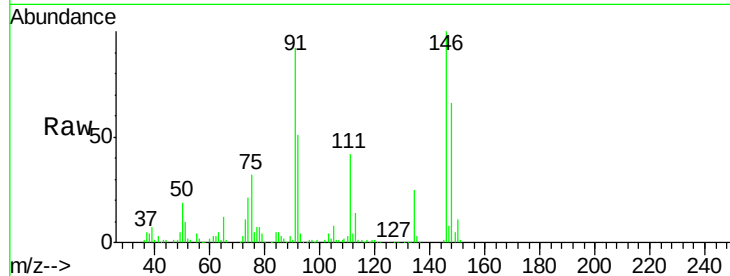
ClientSampleId :

VU0702WBSD01

Tot Ion:	146	Resp:	110281
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.5	61.6
148	64.7	31.9	95.7

Manual Integrations
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sam
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.54 ug/l

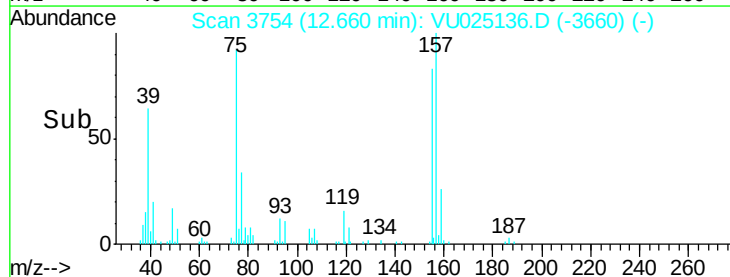
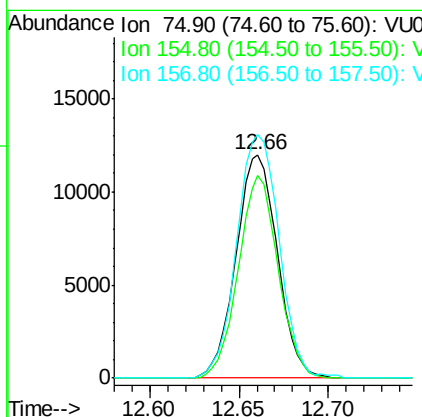
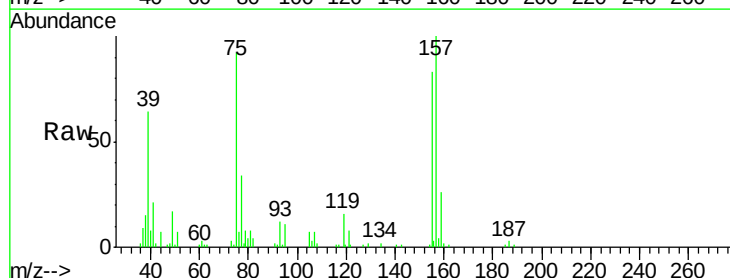
RT: 12.66 min Scan# 3754

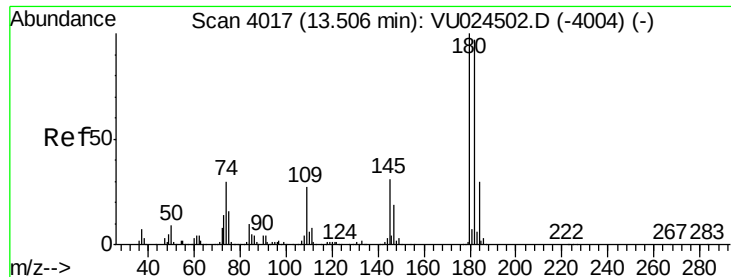
Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	75	Resp:	19410
Ion Ratio	Lower	Upper	
75	100		
155	86.8	40.4	121.2
157	111.8	52.3	156.8





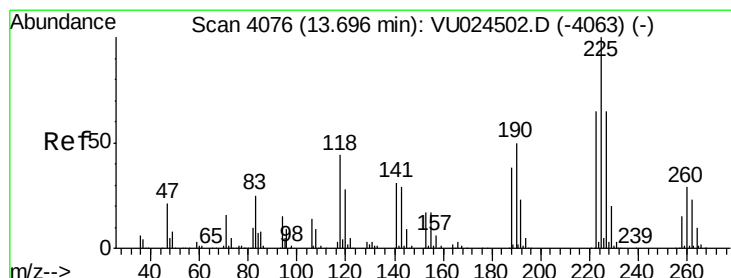
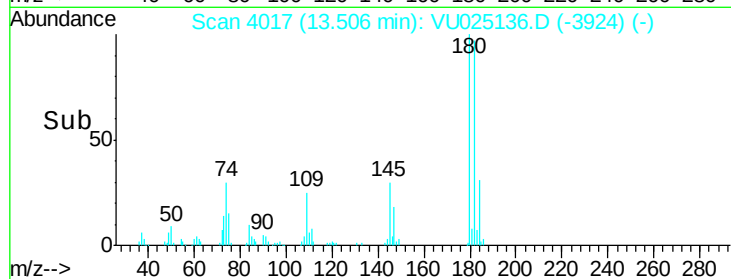
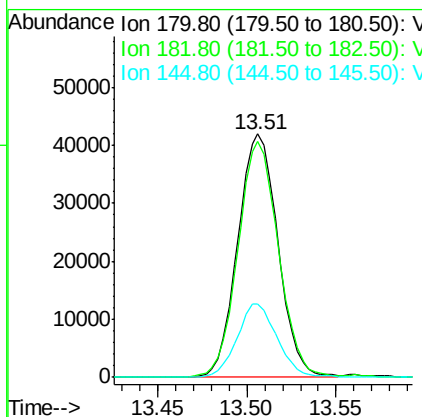
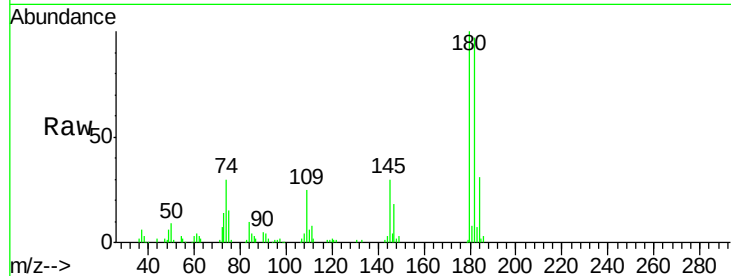
#93
 1,2,4-Trichlorobenzene
 Concen: 21.25 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion:	180	Resp:	66042
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.0	144.2
145	29.9	14.7	44.1

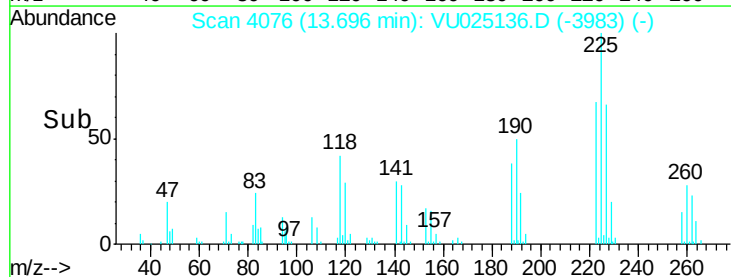
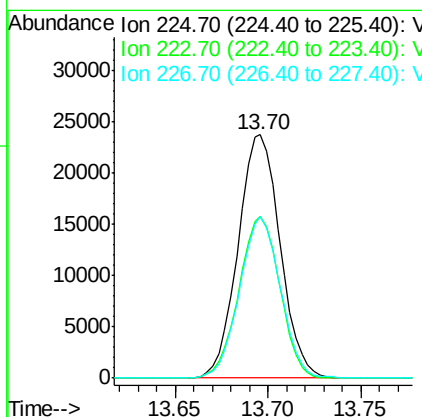
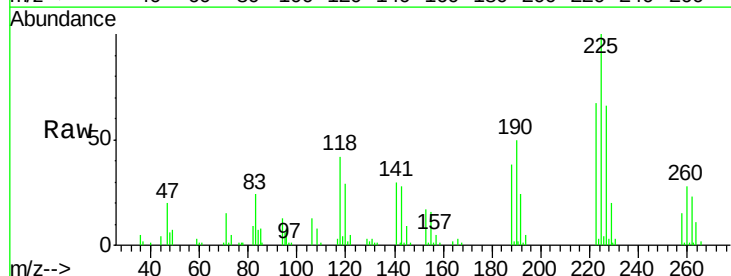
Manual Integrations
 APPROVED

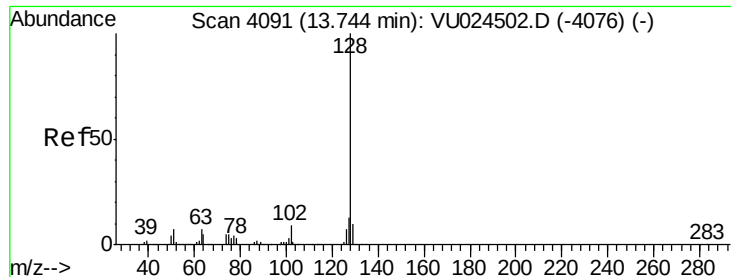
sam
 7/3/2018 3:52:36 PM



#94
 Hexachlorobutadiene
 Concen: 21.36 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion:	225	Resp:	37355
Ion Ratio	Lower	Upper	
225	100		
223	64.6	31.3	93.8
227	64.3	31.8	95.4





#95

Naphthalene

Concen: 21.79 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

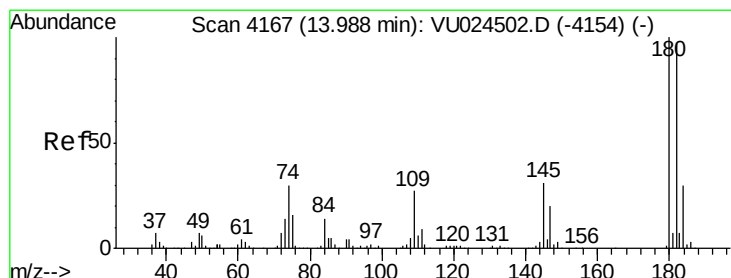
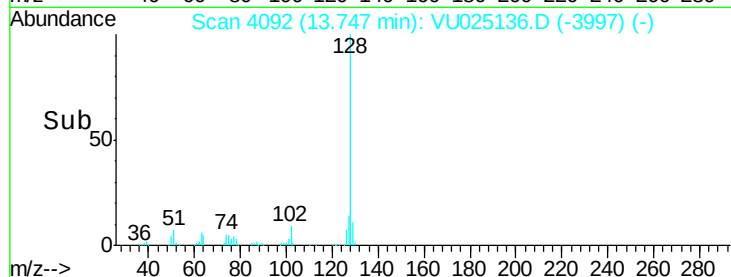
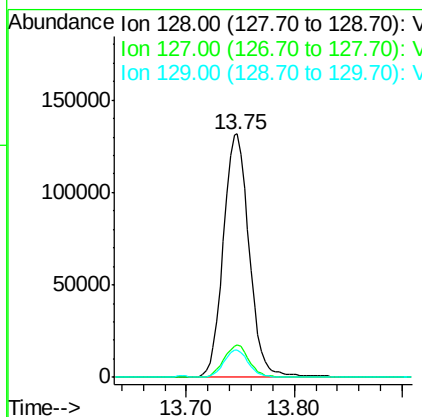
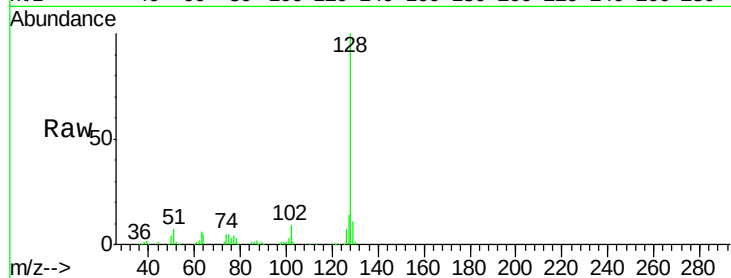
ClientSampleId :

VU0702WBSD01

Tot Ion:	128	Resp:	220232
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.8	8.6	12.8

Manual Integrations
APPROVED

sam
7/3/2018 3:52:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 23.15 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion:	180	Resp:	71694
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.9	143.7
145	32.1	15.4	46.1

