

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062818\
 Data File : VU025034.D
 Acq On : 28 Jun 2018 20:44
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:37 PM

Quant Time: Jun 29 07:40:18 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	194938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304807	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	136861	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
35) Dibromofluoromethane	4.89	113	112224	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
50) Toluene-d8	7.57	98	378939	41.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.14%	
62) 4-Bromofluorobenzene	10.31	95	157155	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104114	42.67	ug/l	100
3) Chloromethane	1.33	50	111236	44.62	ug/l	99
4) Vinyl Chloride	1.40	62	119513	46.49	ug/l	99
5) Bromomethane	1.62	94	76334	61.42	ug/l	99
6) Chloroethane	1.69	64	77798	54.25	ug/l	99
7) Trichlorofluoromethane	1.89	101	194348	49.54	ug/l	99
8) Diethyl Ether	2.10	74	74972	56.39	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	114925	47.22	ug/l	97
10) Methyl Iodide	2.41	142	139183	65.71	ug/l	97
11) Tert butyl alcohol	2.82	59	190287	245.85	ug/l	99
12) 1,1-Dichloroethene	2.28	96	109596	49.38	ug/l	95
13) Acrolein	2.19	56	35936	88.42	ug/l	98
14) Allyl chloride	2.59	41	187749	45.56	ug/l	97
15) Acrylonitrile	2.94	53	390624	259.40	ug/l	99
16) Acetone	2.32	43	364809	213.35	ug/l	97
17) Carbon Disulfide	2.48	76	308936	43.47	ug/l	99
18) Methyl Acetate	2.62	43	224700	61.30	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	437440	52.43	ug/l	96
20) Methylene Chloride	2.70	84	129420	48.24	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	120930	49.47	ug/l	97
22) Diisopropyl ether	3.57	45	414950	50.79	ug/l	97
23) Vinyl Acetate	3.53	43	1758521	240.28	ug/l	98
24) 1,1-Dichloroethane	3.45	63	237778	50.59	ug/l	98
25) 2-Butanone	4.26	43	567103	246.91	ug/l	96
26) 2,2-Dichloropropane	4.23	77	180501	40.45	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	143606	51.09	ug/l	98
28) Bromochloromethane	4.55	49	88215	42.61	ug/l #	81
29) Tetrahydrofuran	4.63	42	366010	257.33	ug/l	97
30) Chloroform	4.68	83	247662	52.06	ug/l	100
31) Cyclohexane	5.00	56	211117	50.61	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	226636	51.52	ug/l	95
36) 1,1-Dichloropropene	5.14	75	176587	49.30	ug/l	97
37) Ethyl Acetate	4.38	43	207748	53.22	ug/l	97
38) Carbon Tetrachloride	5.14	117	203206	51.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	217705	48.71	ug/l	95
40) Benzene	5.39	78	521269	51.08	ug/l	100
41) Methacrylonitrile	4.54	41	116270	55.24	ug/l	99
42) 1,2-Dichloroethane	5.41	62	209248	53.83	ug/l	100
43) Isopropyl Acetate	5.55	43	332325	49.25	ug/l	98
44) Trichloroethene	6.19	130	144937	49.90	ug/l	95
45) 1,2-Dichloropropane	6.44	63	137328	50.43	ug/l	100
46) Dibromomethane	6.56	93	101154	52.88	ug/l	95
47) Bromodichloromethane	6.76	83	189368	49.72	ug/l	99
48) Methyl methacrylate	6.63	41	171179	52.10	ug/l	99
49) 1,4-Dioxane	6.62	88	74316	1156.51	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1075741	253.75	ug/l	97
52) Toluene	7.64	92	332550	50.65	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	203996	47.69	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	216250	47.45	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	138816	52.01	ug/l	98
56) Ethyl methacrylate	8.02	69	221506	49.58	ug/l	99
57) 1,3-Dichloropropane	8.25	76	233114	51.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	50022	29.23	ug/l	95
59) 2-Hexanone	8.36	43	853279	246.54	ug/l	98
60) Dibromochloromethane	8.48	129	158601	47.65	ug/l	100
61) 1,2-Dibromoethane	8.59	107	153591	51.70	ug/l	98
64) Tetrachloroethene	8.23	164	143307	53.13	ug/l	96
65) Chlorobenzene	9.12	112	383369	52.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	141084	51.23	ug/l	97
67) Ethyl Benzene	9.25	91	660576	51.98	ug/l	97
68) m/p-Xylenes	9.38	106	516543	105.85	ug/l	97
69) o-Xylene	9.78	106	253139	52.42	ug/l	97
70) Styrene	9.80	104	415495	52.35	ug/l	99
71) Bromoform	9.96	173	125513	47.95	ug/l #	100
73) Isopropylbenzene	10.17	105	690309	53.26	ug/l	100
74) N-amyl acetate	10.01	43	300374	48.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	229756	52.90	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	210178m	56.55	ug/l	
77) Bromobenzene	10.45	156	178985	54.54	ug/l	93
78) n-propylbenzene	10.59	91	776979	50.89	ug/l	97
79) 2-Chlorotoluene	10.66	91	468008	51.98	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	592890	52.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	72662m	45.24	ug/l	
82) 4-Chlorotoluene	10.78	91	541653	51.68	ug/l	99
83) tert-Butylbenzene	11.10	119	583774	54.02	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	602309	52.61	ug/l	100
85) sec-Butylbenzene	11.33	105	707483	52.30	ug/l	98
86) p-Isopropyltoluene	11.48	119	622389	51.37	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	318558	52.55	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	320874	52.59	ug/l	99
89) n-Butylbenzene	11.89	91	507554	47.19	ug/l	96
90) Hexachloroethane	12.15	117	108933	46.09	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	330981	54.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61727	51.50	ug/l	91

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	213806	57.02	ug/l	97
94) Hexachlorobutadiene	13.70	225	111207	52.69	ug/l	99
95) Naphthalene	13.74	128	728007	58.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	222461	59.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 194938

Ion Ratio Lower Upper

168 100

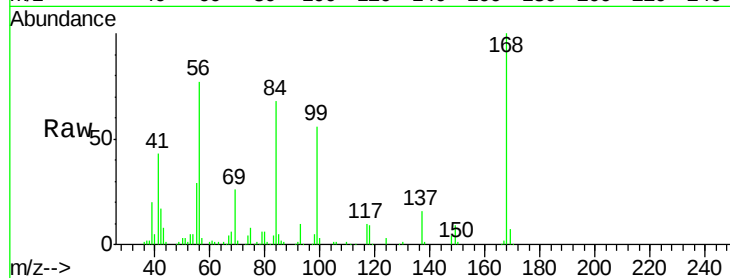
99 55.3 43.2 64.8

Manual Integrations

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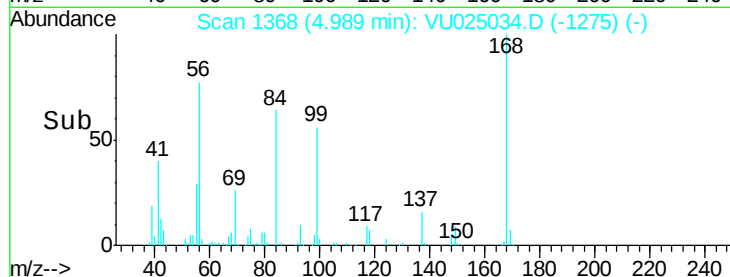
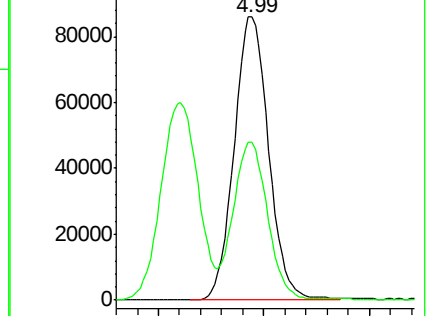
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 42.67 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025034.D

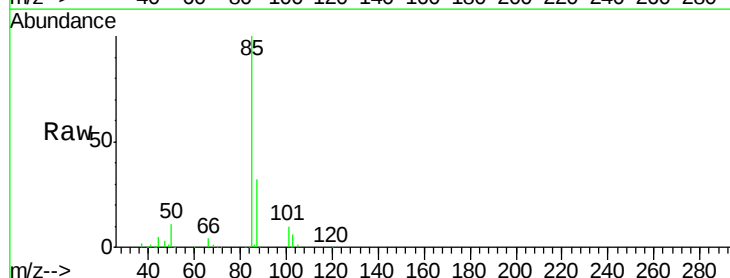
Acq: 28 Jun 2018 20:44

Tgt Ion: 85 Resp: 104114

Ion Ratio Lower Upper

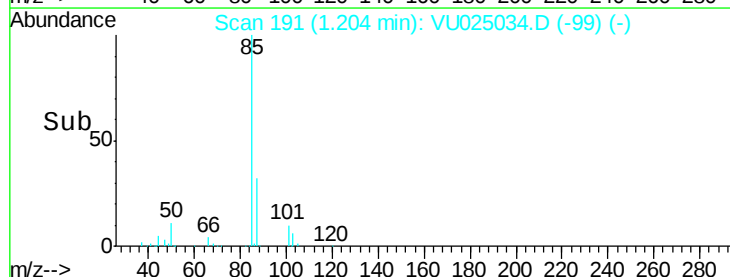
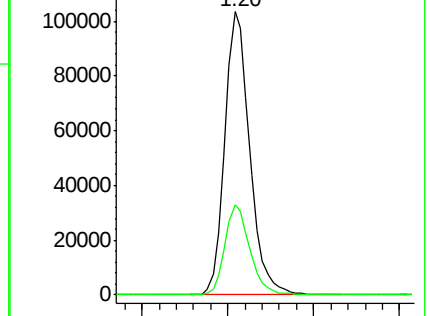
85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 44.62 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 111236

Ion Ratio Lower Upper

50 100

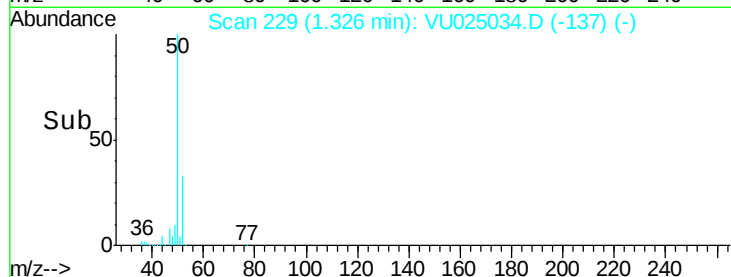
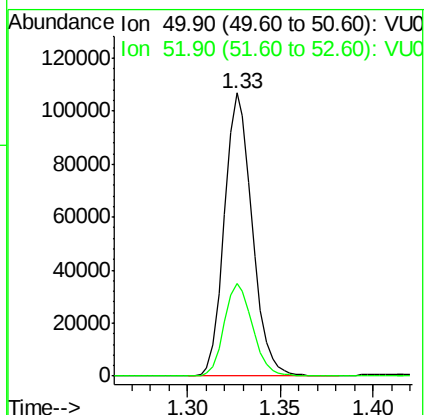
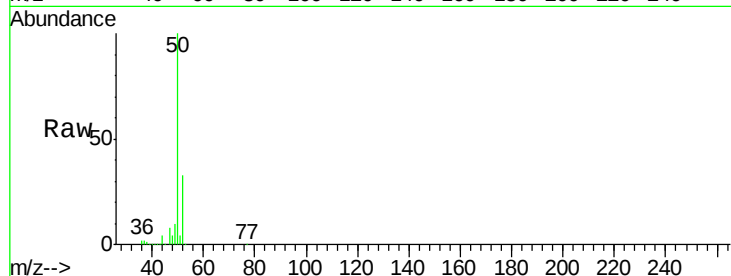
52 32.6 26.4 39.6

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#4

Vinyl Chloride

Concen: 46.49 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025034.D

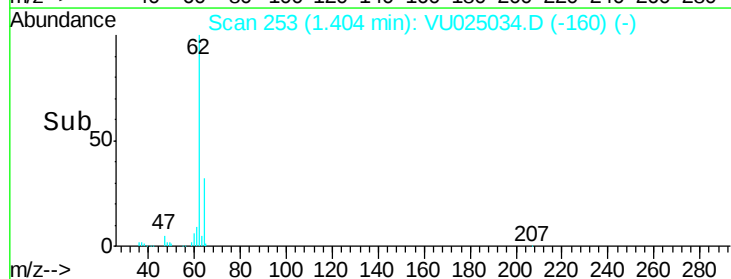
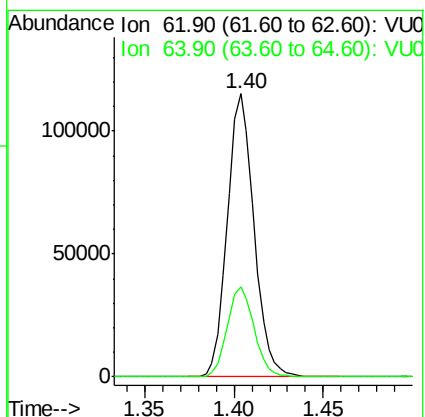
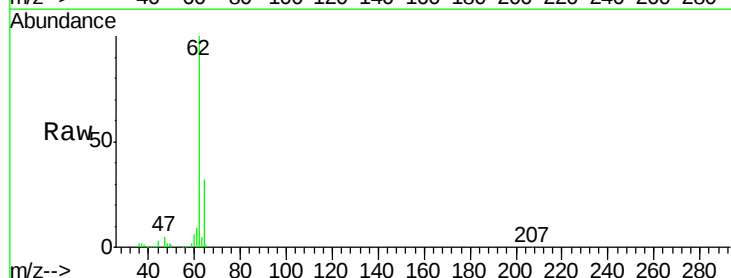
Acq: 28 Jun 2018 20:44

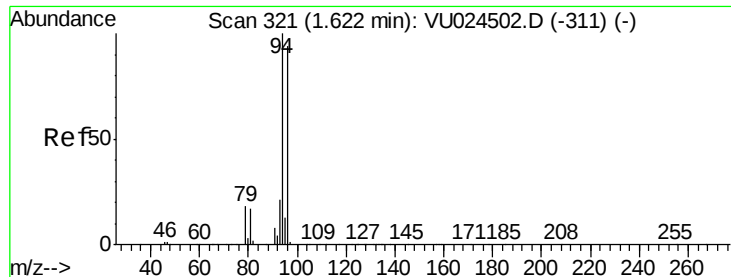
Tgt Ion: 62 Resp: 119513

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 61.42 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76334

Ion Ratio Lower Upper

94 100

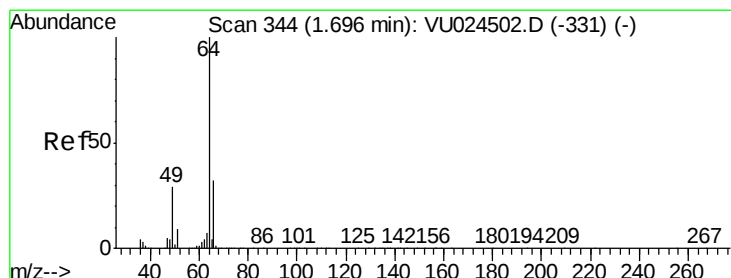
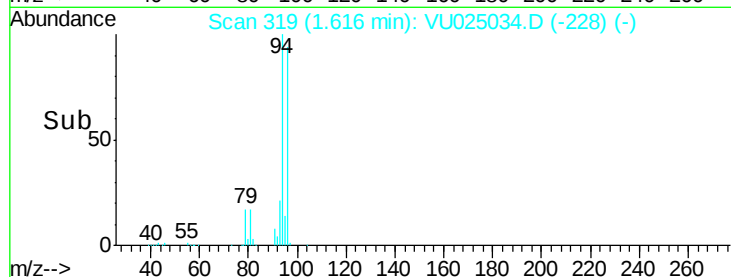
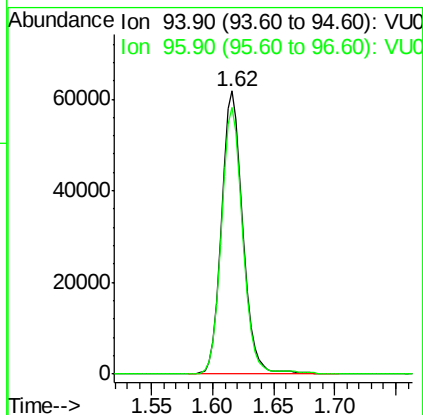
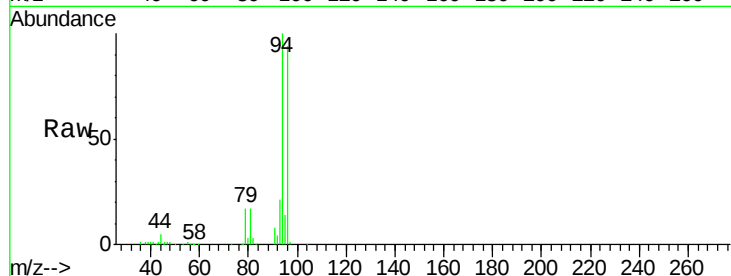
96 94.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.25 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025034.D

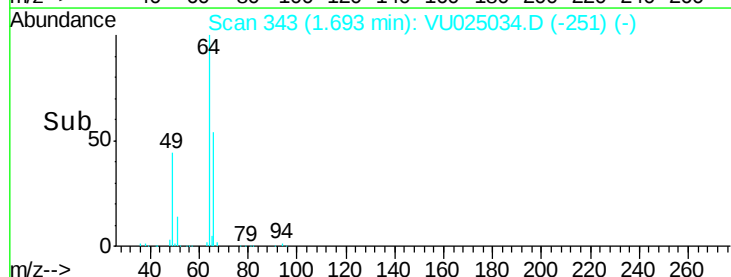
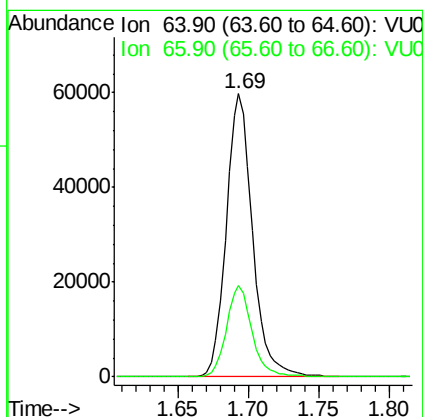
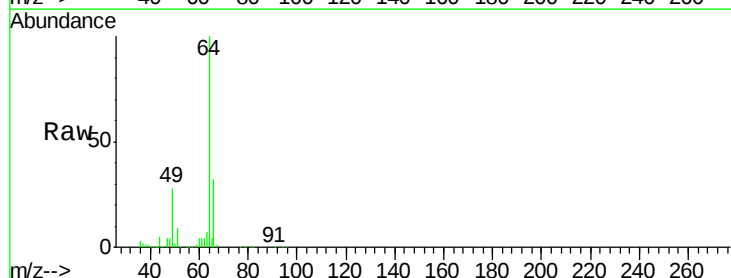
Acq: 28 Jun 2018 20:44

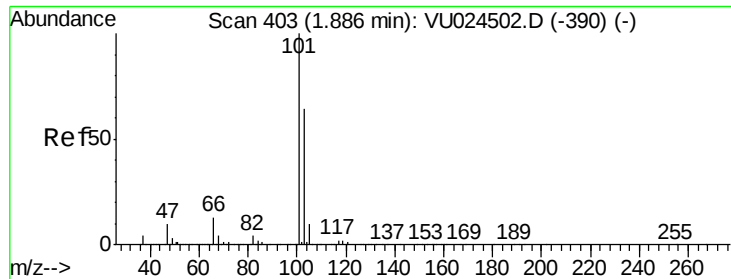
Tgt Ion: 64 Resp: 77798

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

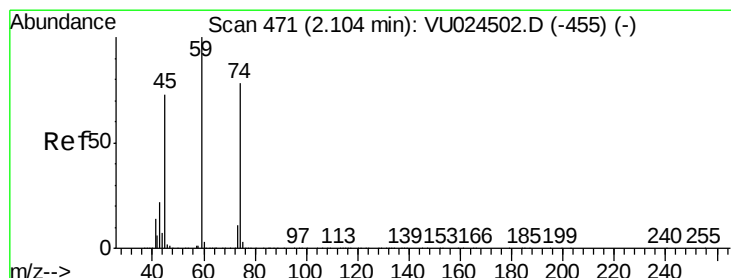
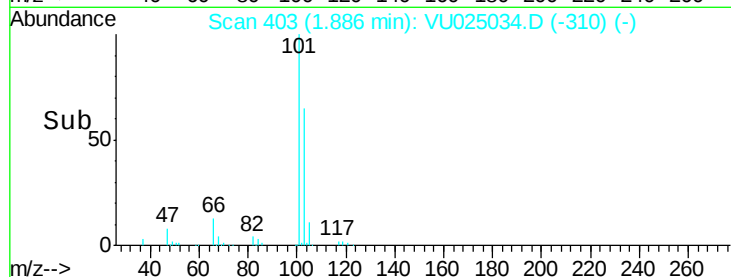
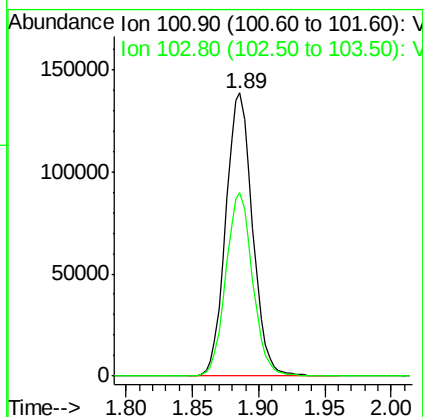
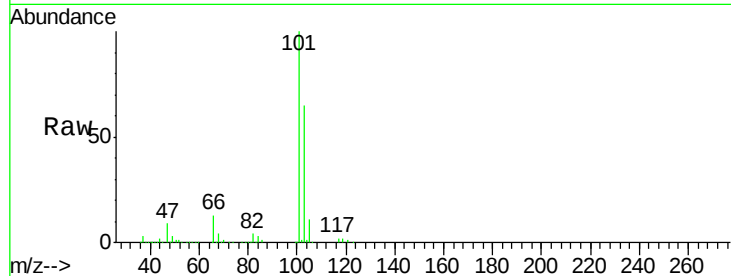
Trichlorofluoromethane
Concen: 49.54 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025034.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		194348		
103	64.7	52.3	78.5		

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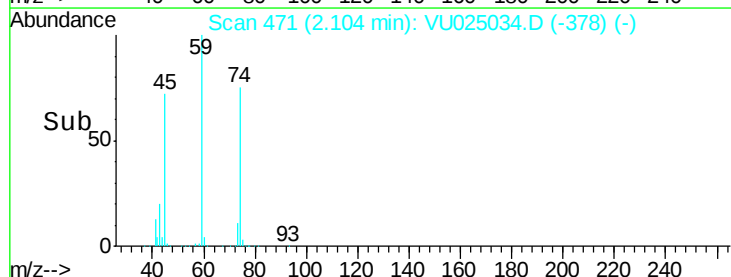
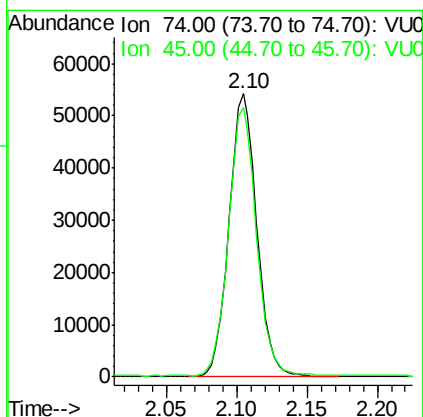
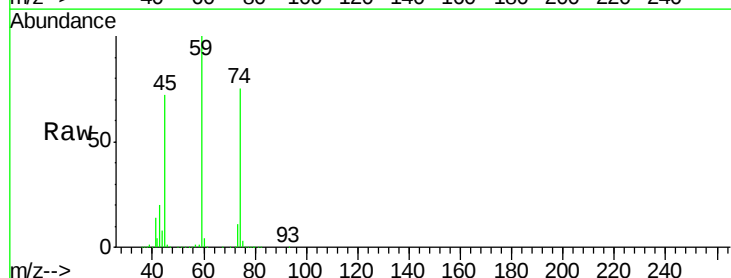
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#8

Diethyl Ether
Concen: 56.39 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		74972		
45	95.2	55.0	165.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.22 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

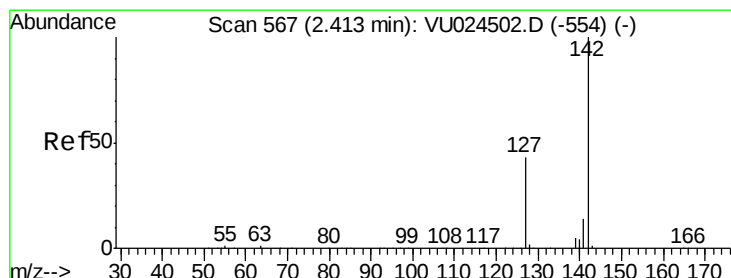
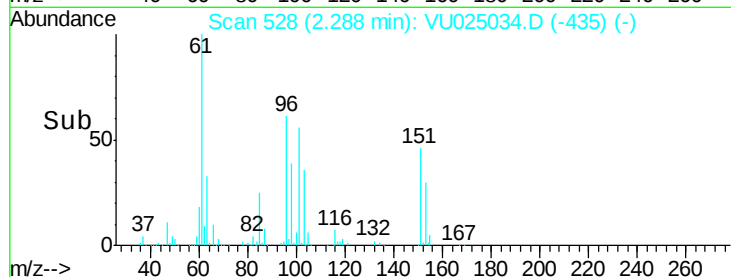
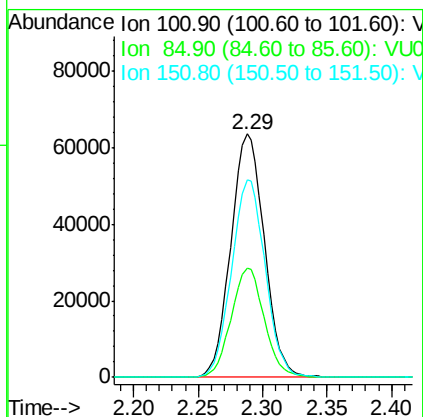
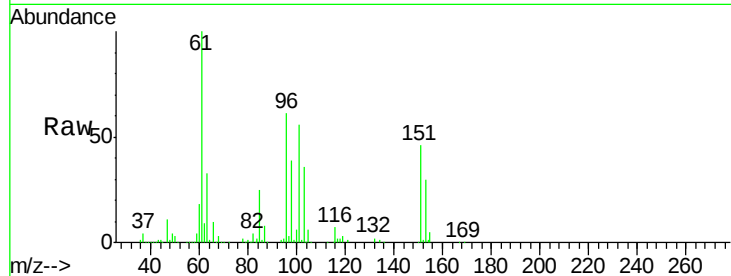
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114925
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	81.4	62.3	93.5

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#10

Methyl Iodide

Concen: 65.71 ug/l

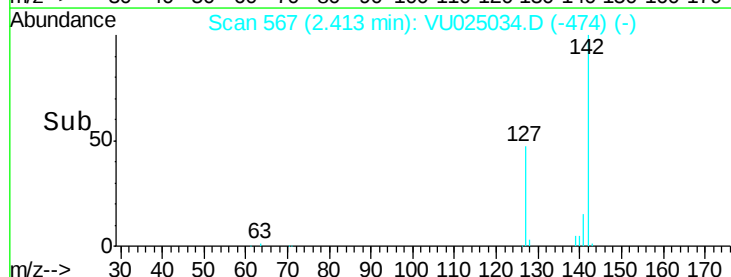
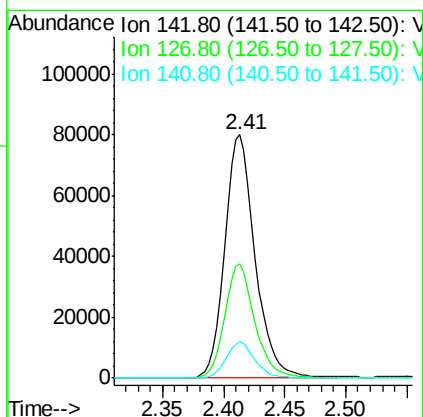
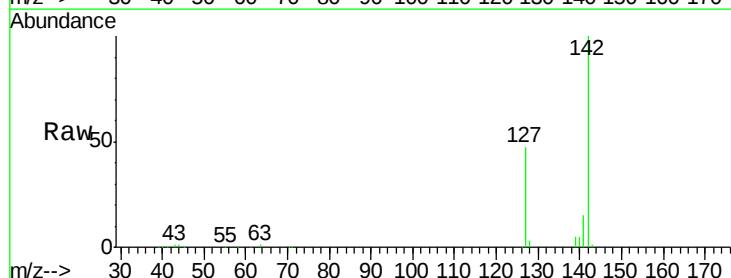
RT: 2.41 min Scan# 567

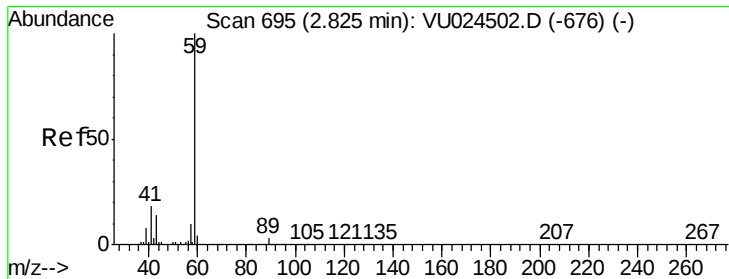
Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	142	Resp:	139183
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.6	53.4
141	14.3	11.7	17.5





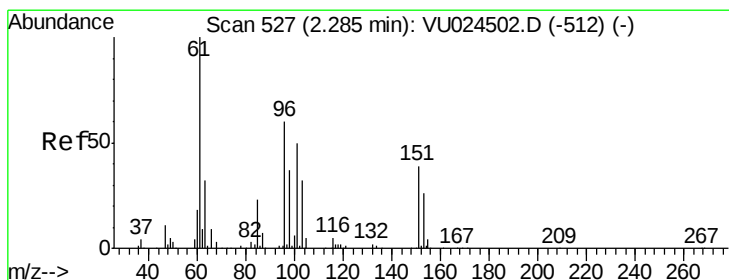
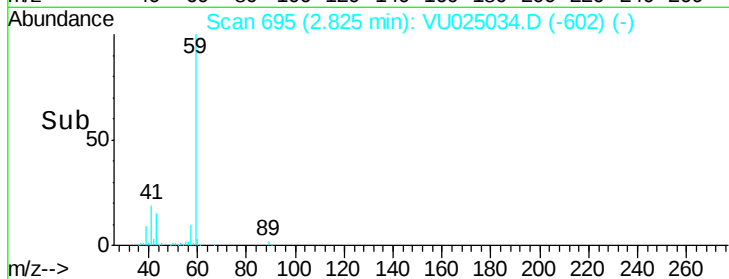
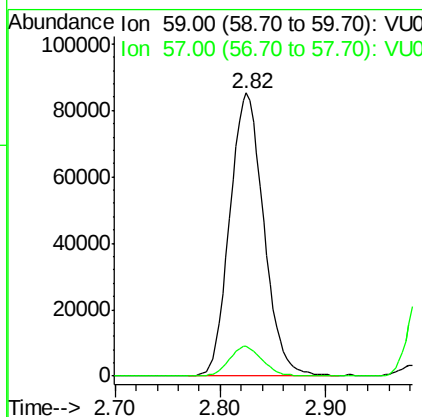
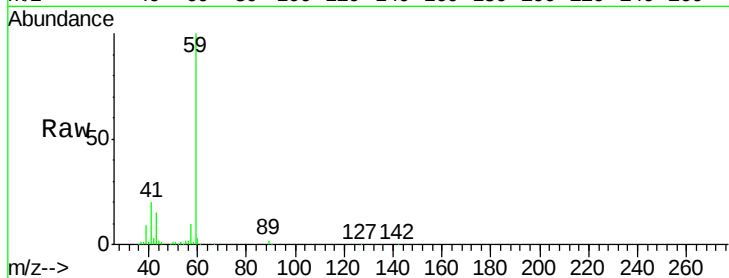
#11
Tert butyl alcohol
Concen: 245.85 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

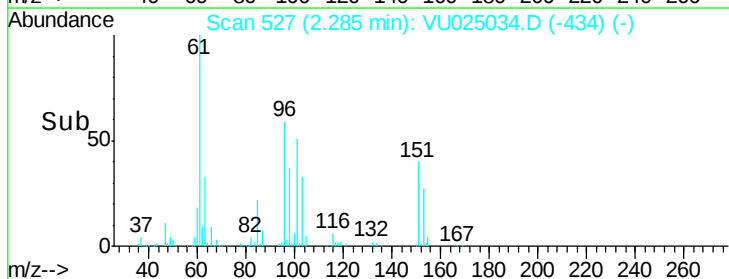
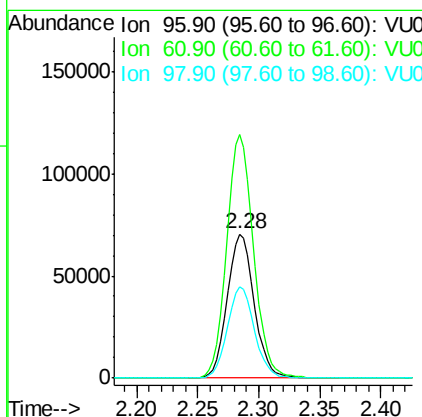
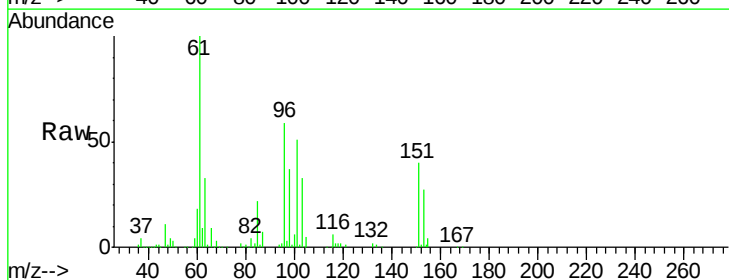
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 49.38 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.0	141.7	212.5
98	63.3	51.6	77.4





#13

Acrolein

Concen: 88.42 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 35936

Ion Ratio Lower Upper

56 100

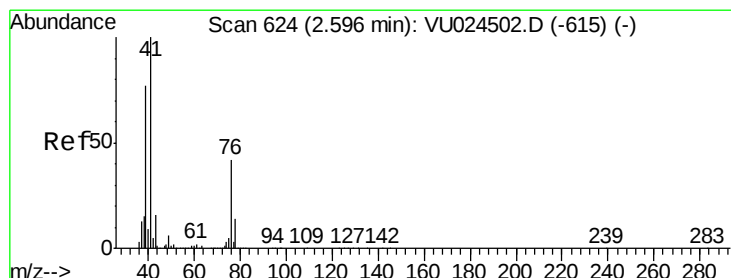
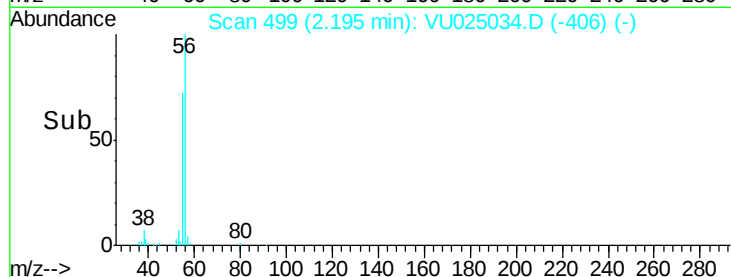
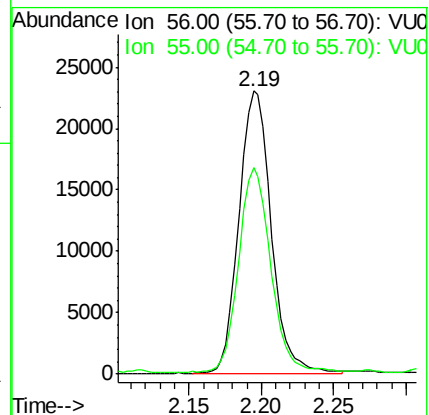
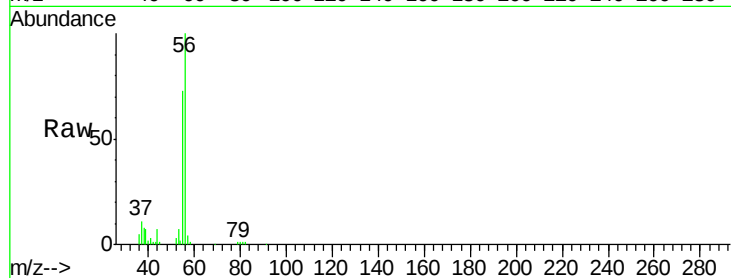
55 71.1 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 45.56 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

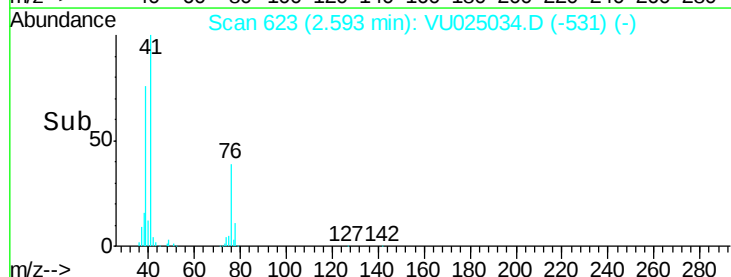
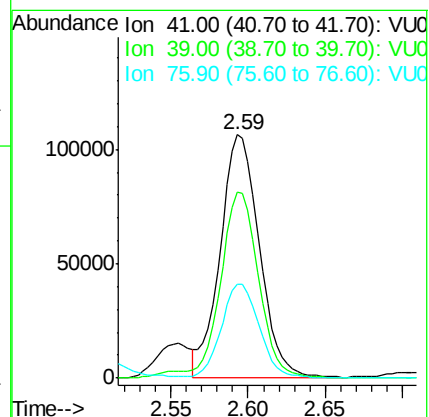
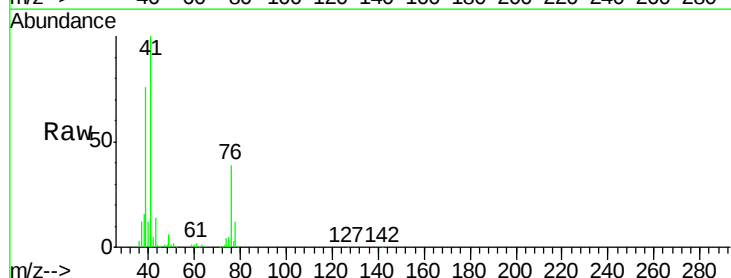
Tgt Ion: 41 Resp: 187749

Ion Ratio Lower Upper

41 100

39 73.1 61.6 92.4

76 37.6 29.7 44.5





#15

Acrylonitrile

Concen: 259.40 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

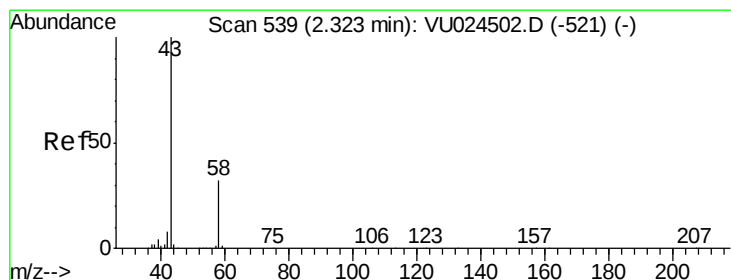
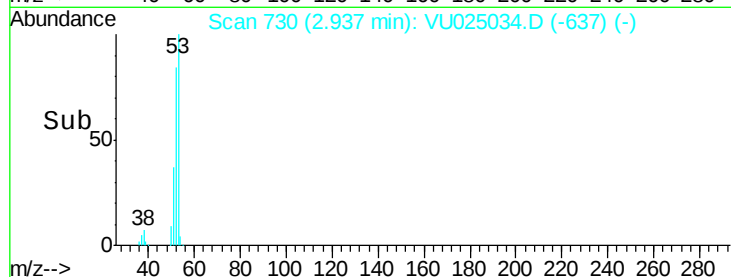
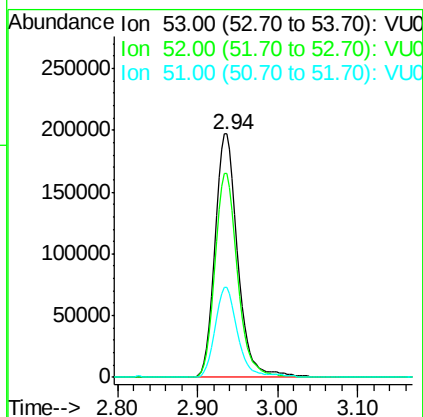
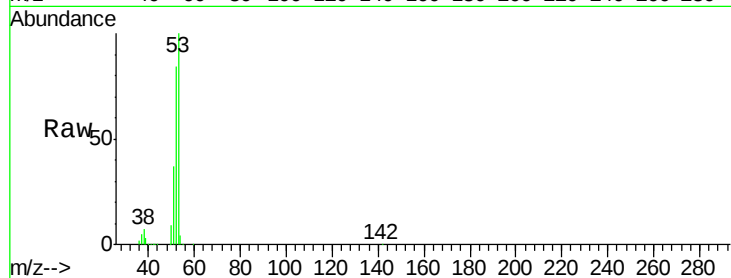
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	390624
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.1	100.7
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 213.35 ug/l

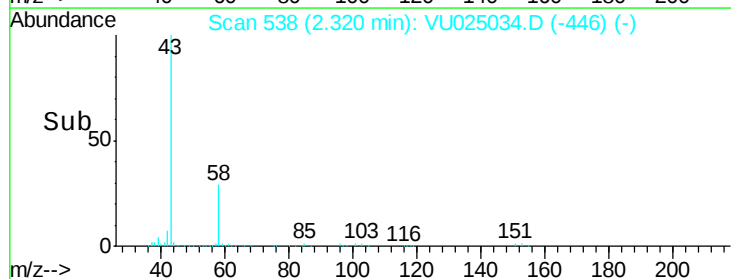
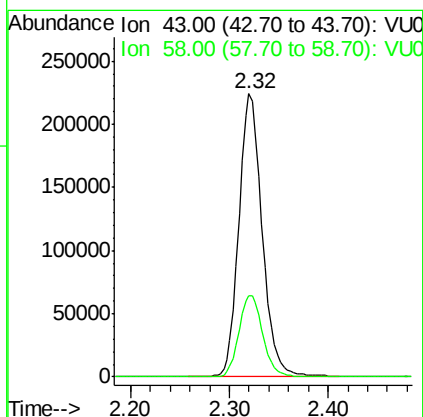
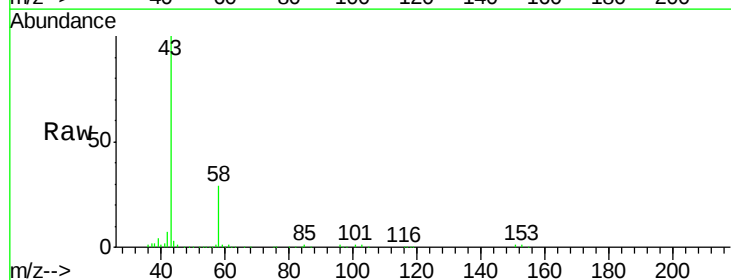
RT: 2.32 min Scan# 538

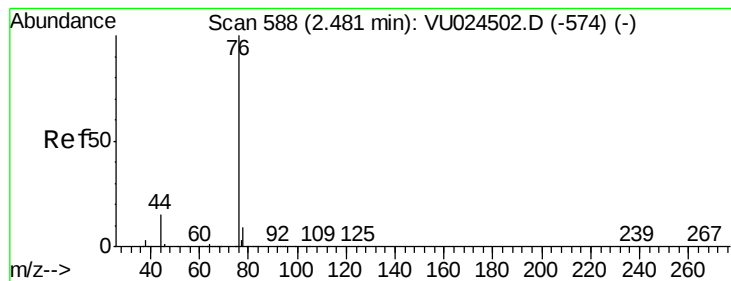
Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	43	Resp:	364809
Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.4	36.6





#17

Carbon Disulfide

Concen: 43.47 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 308936

Ion Ratio Lower Upper

76 100

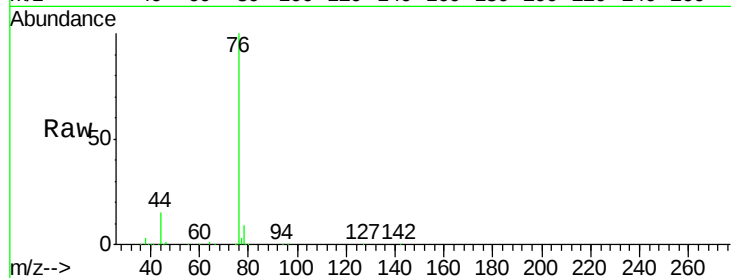
78 9.1 7.1 10.7

Manual Integrations

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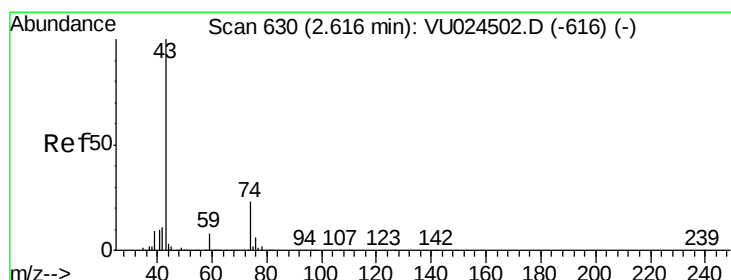
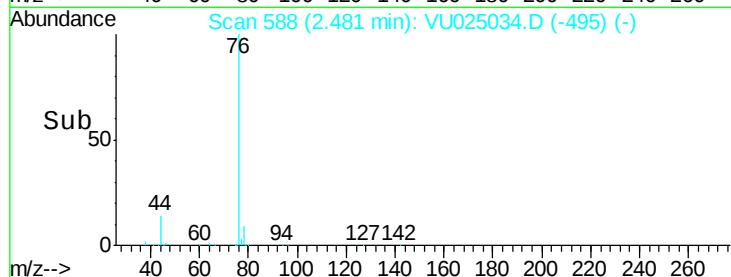
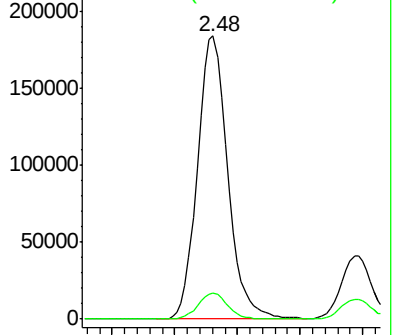
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 61.30 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025034.D

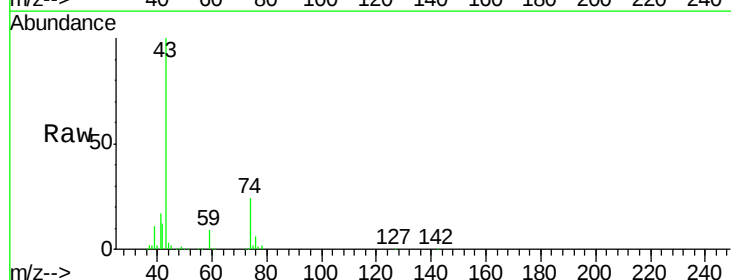
Acq: 28 Jun 2018 20:44

Tgt Ion: 43 Resp: 224700

Ion Ratio Lower Upper

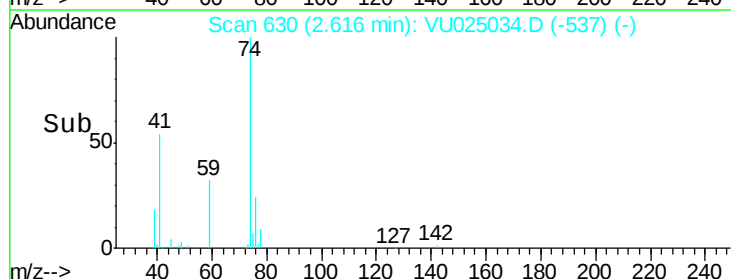
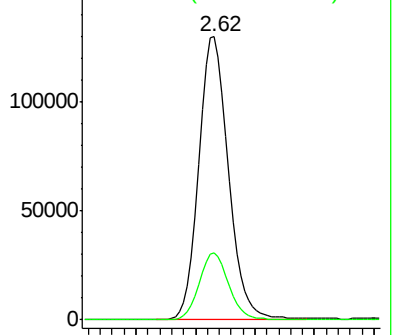
43 100

74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





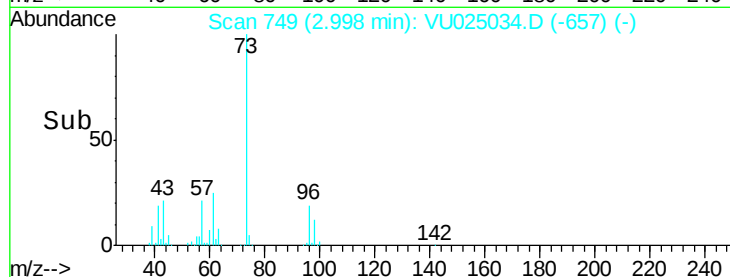
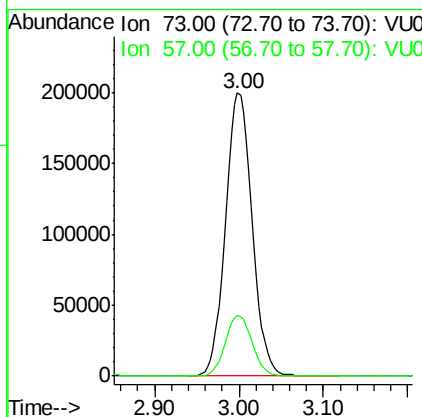
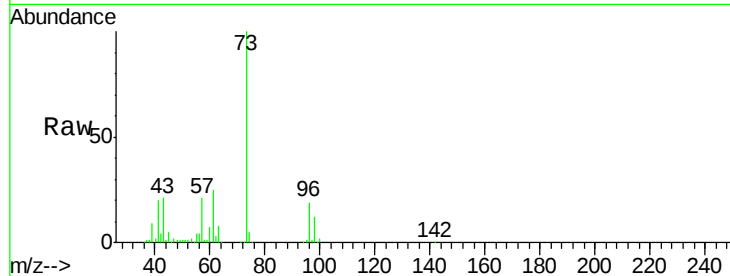
#19
Methvl tert-butvl Ether
Concen: 52.43 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 437440
Ion Ratio Lower Upper
73 100
57 21.4 18.8 28.2

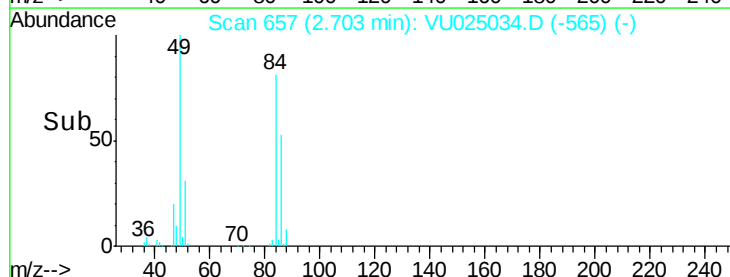
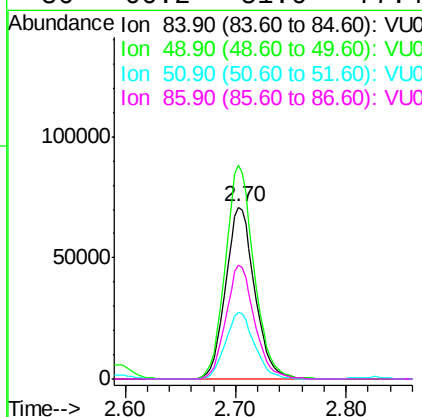
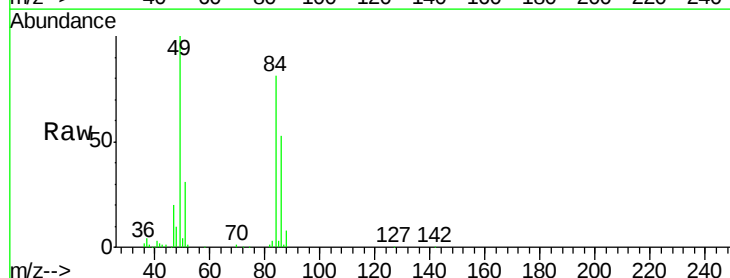
Manual Integrations
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#20
Methylene Chloride
Concen: 48.24 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion: 84 Resp: 129420
Ion Ratio Lower Upper
84 100
49 124.1 103.8 155.8
51 38.9 32.0 48.0
86 66.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.47 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

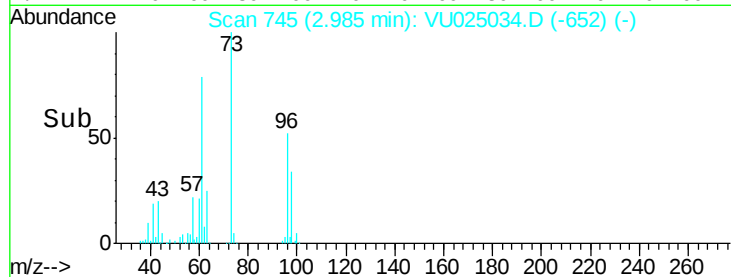
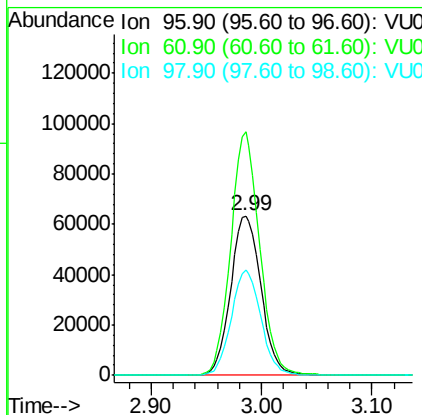
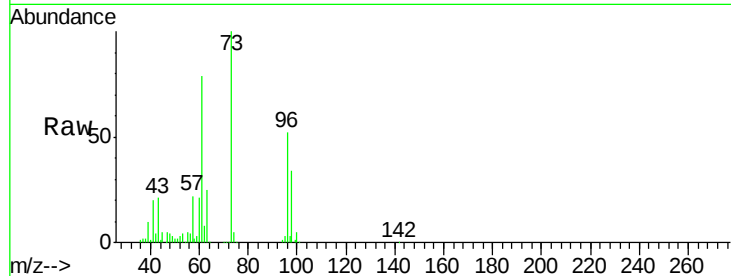
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120930
Ion	Ratio	Lower	Upper
96	100		
61	152.4	119.4	179.0
98	65.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.79 ug/l

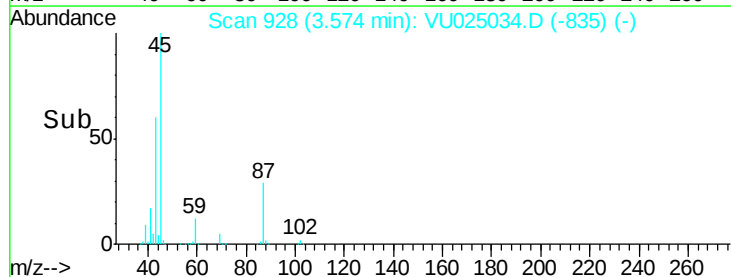
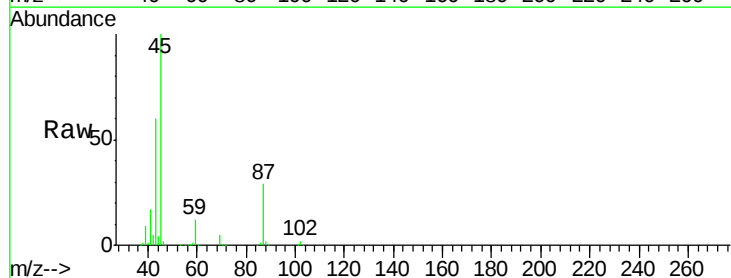
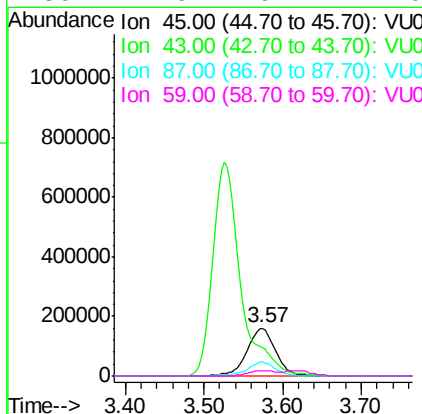
RT: 3.57 min Scan# 928

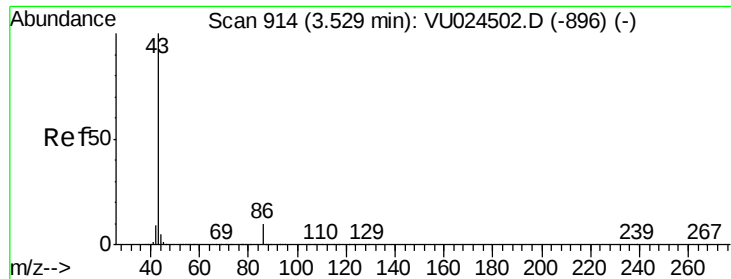
Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	45	Resp:	414950
Ion	Ratio	Lower	Upper
45	100		
43	59.0	45.8	68.6
87	29.0	20.6	31.0
59	11.9	9.4	14.0





#23

Vinyl Acetate

Concen: 240.28 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tot Ion: 43 Resp: 1758521

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8

Instrument :

MSVOA_U

ClientSampleId :

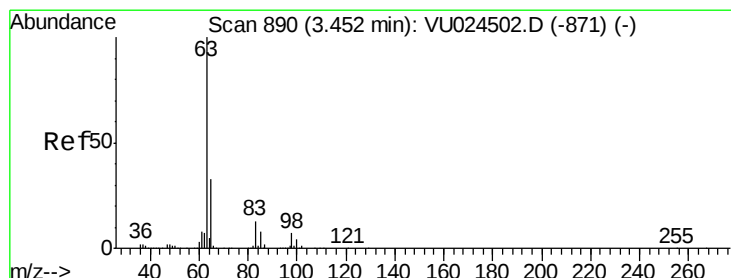
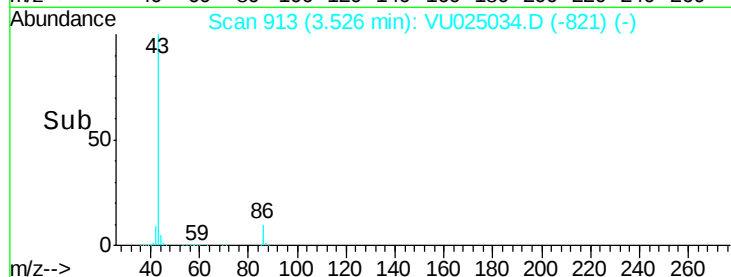
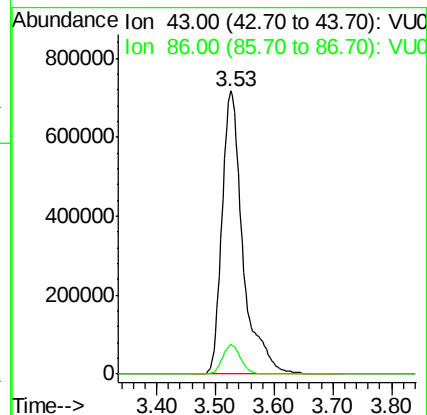
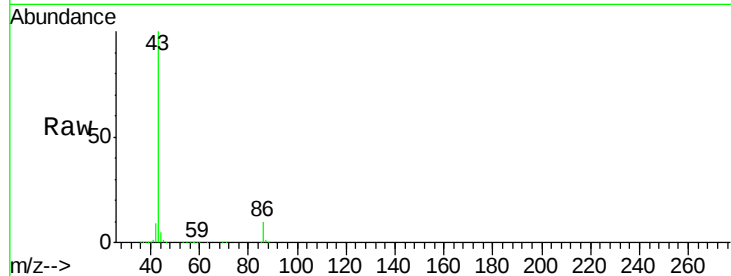
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.59 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

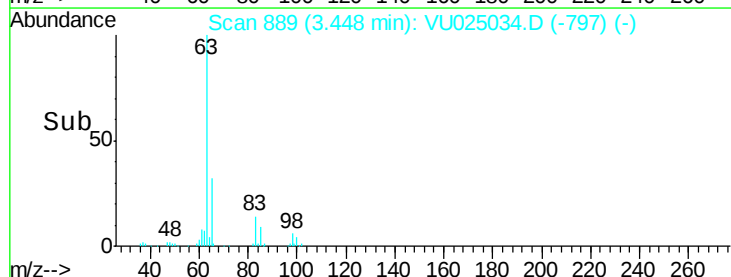
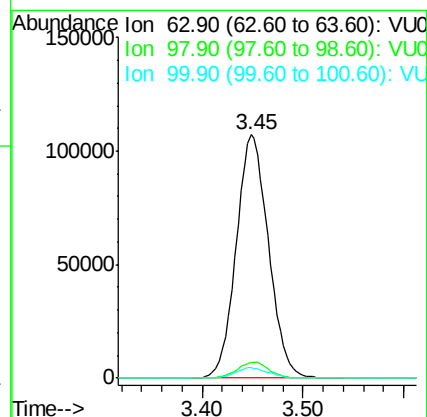
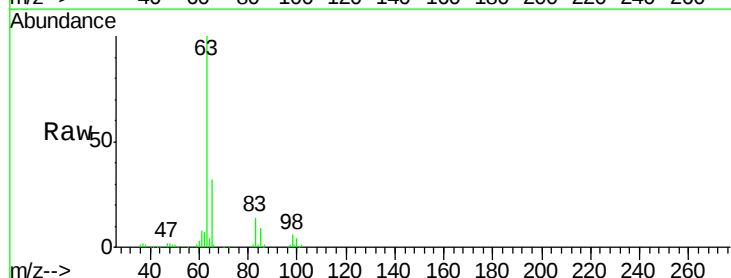
Tgt Ion: 63 Resp: 237778

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 246.91 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 567103

Ion Ratio Lower Upper

43 100

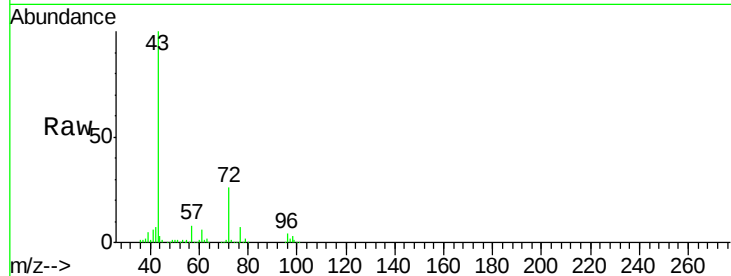
72 26.3 19.6 29.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

250000

200000

150000

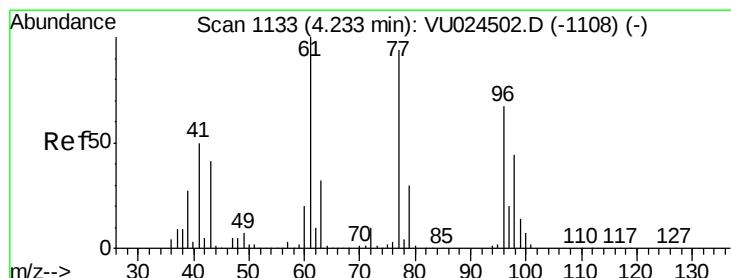
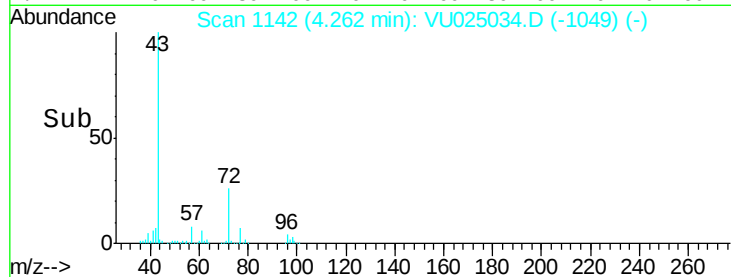
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 40.45 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025034.D

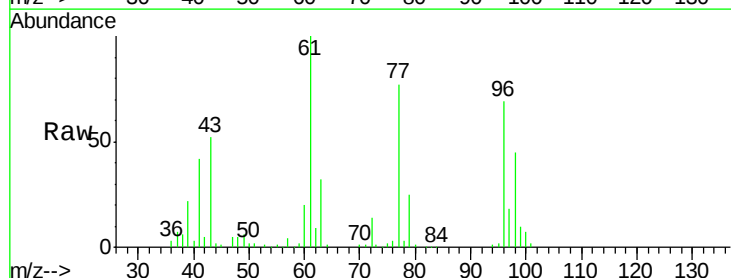
Acq: 28 Jun 2018 20:44

Tgt Ion: 77 Resp: 180501

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

60000

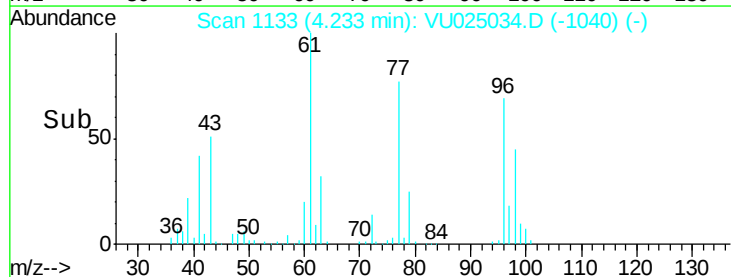
40000

20000

0

4.10 4.20 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.09 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

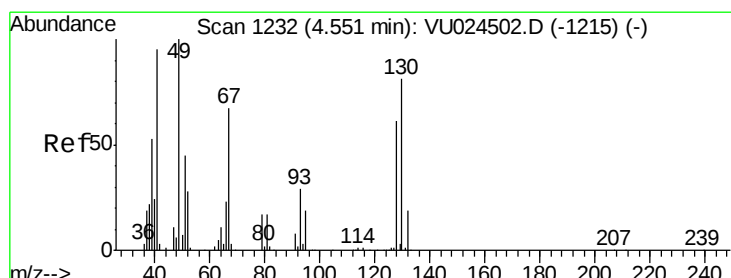
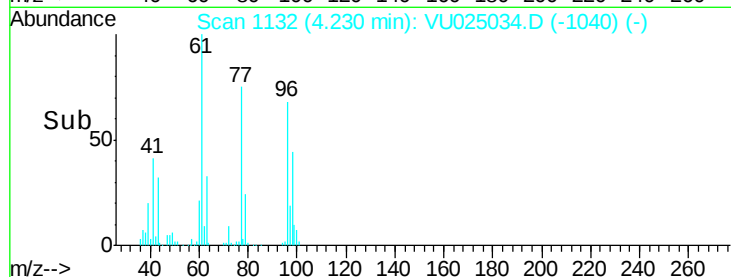
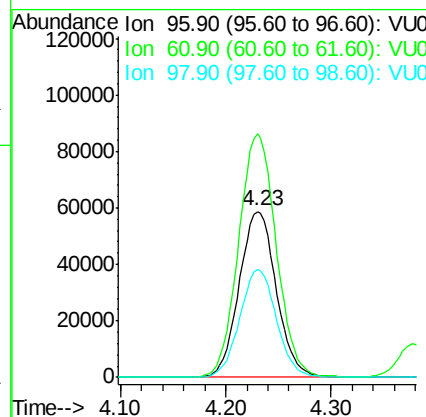
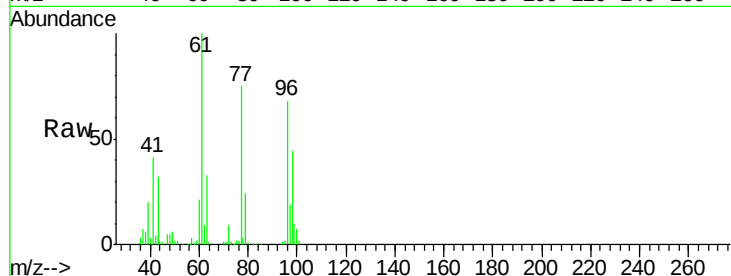
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	143606
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	306.6
98	64.6	0.0	128.8

Manual Integrations
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#28

Bromochloromethane

Concen: 42.61 ug/l

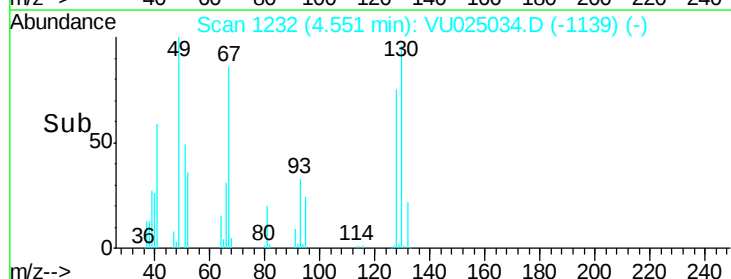
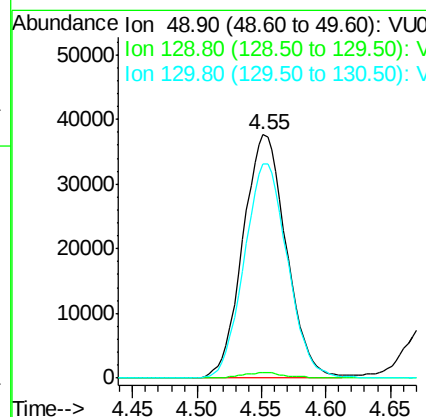
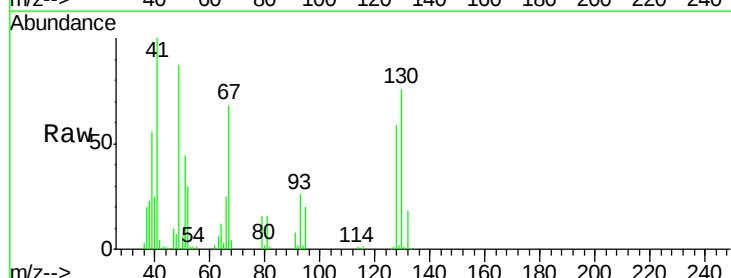
RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	49	Resp:	88215
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	88.2	57.8	86.6#





#29

Tetrahydrofuran

Concen: 257.33 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

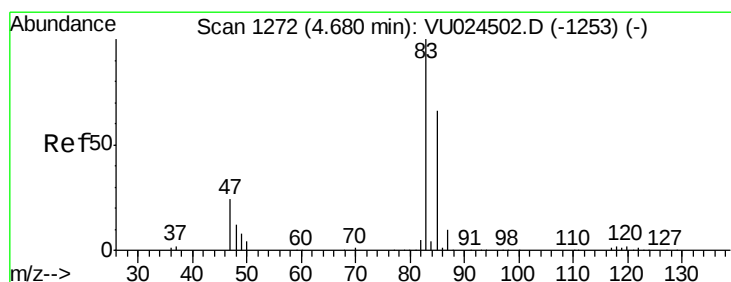
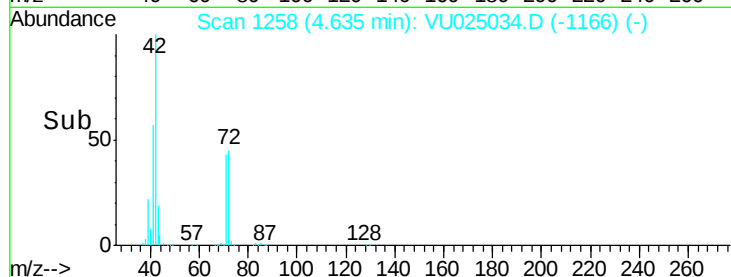
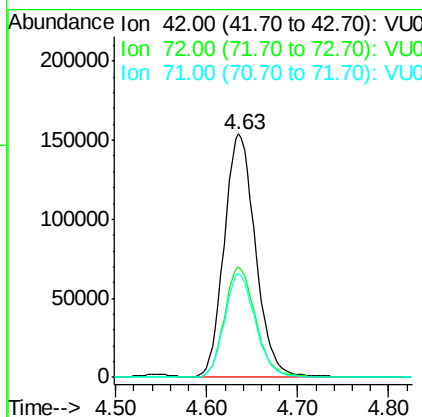
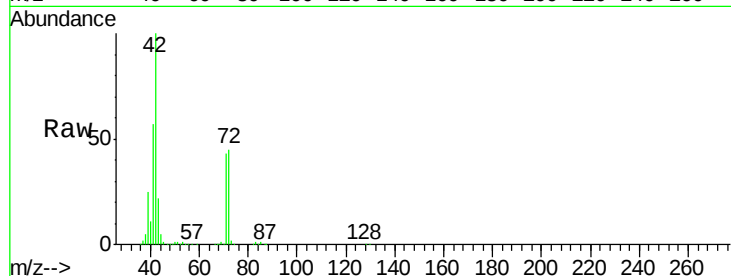
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	366010
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	42.2	32.2	48.4

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#30

Chloroform

Concen: 52.06 ug/l

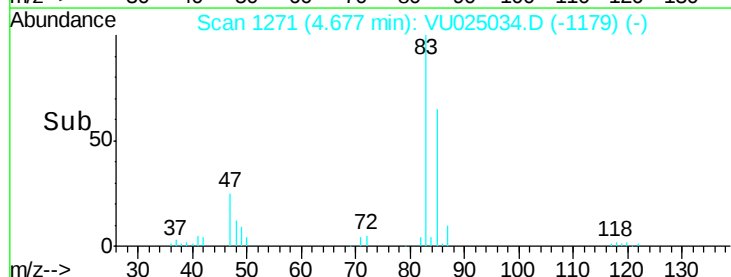
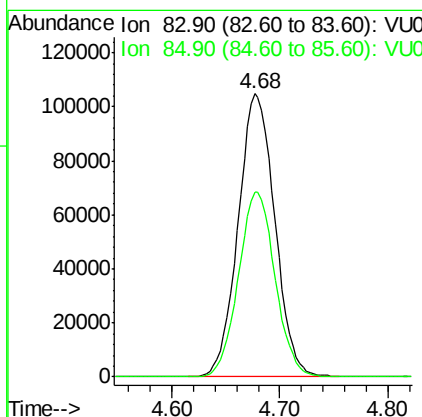
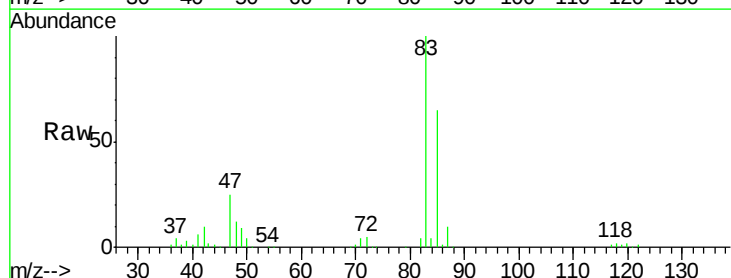
RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	83	Resp:	247662
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.4	78.6





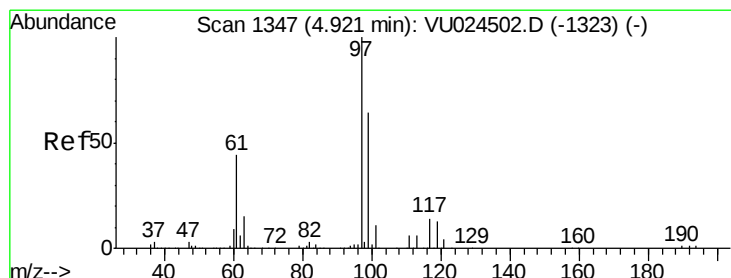
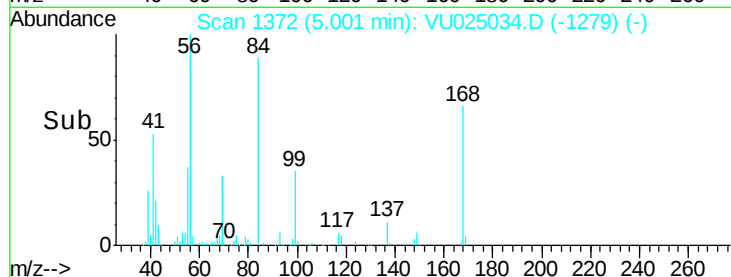
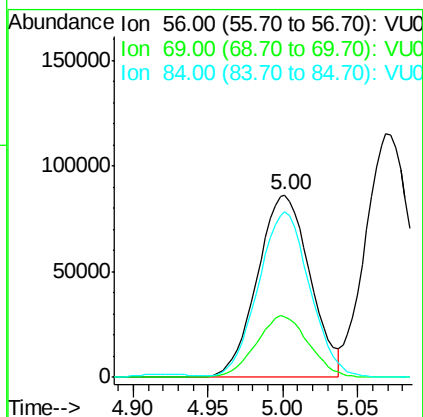
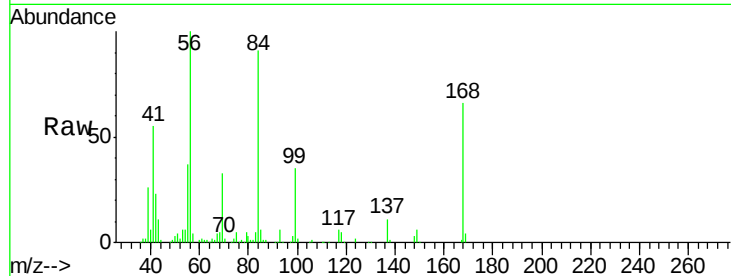
#31
Cyclohexane
Concen: 50.61 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.8	37.2
84	89.7	65.2	97.8

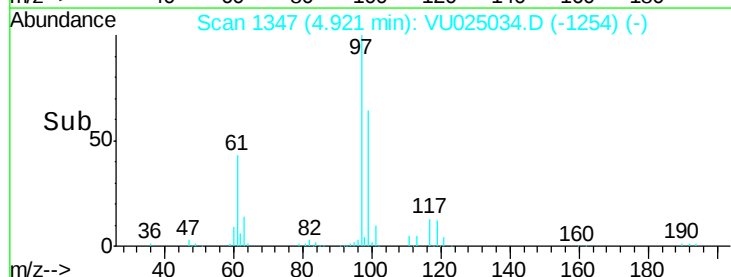
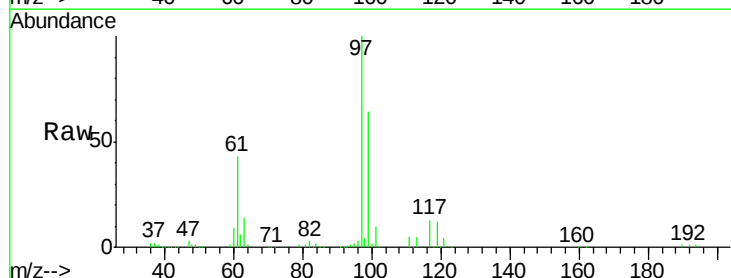
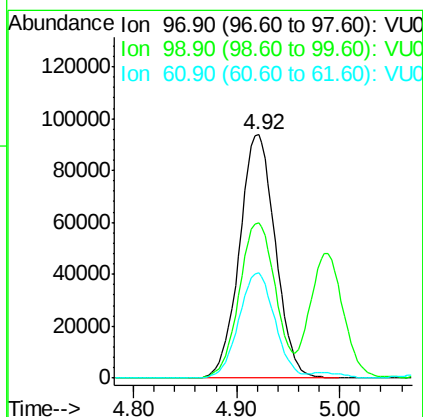
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#32
1,1,1-Trichloroethane
Concen: 51.52 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	43.4	39.4	59.0





#33

1,2-Dichloroethane-d4

Concen: 43.01 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 136861

Ion Ratio Lower Upper

65 100

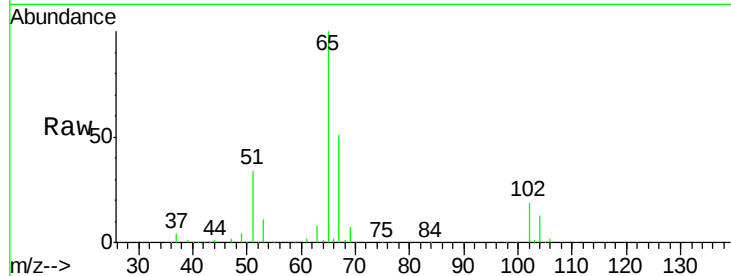
67 50.6 0.0 107.0

Manual Integrations

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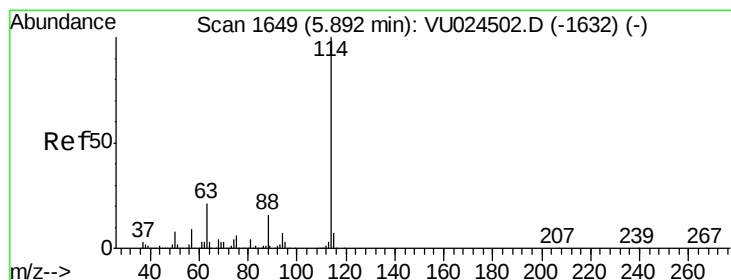
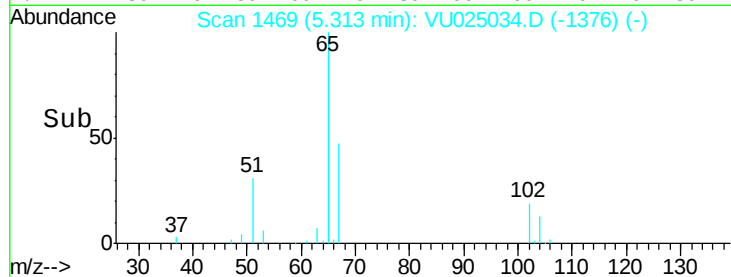
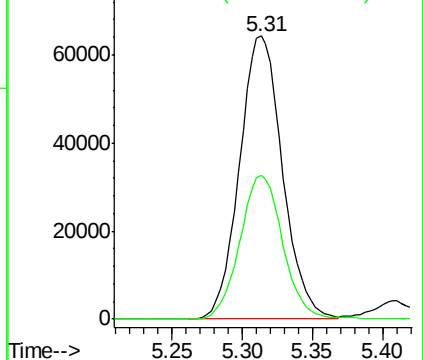
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Abundance Ion 64.90 (64.60 to 65.60): VU025034.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025034.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

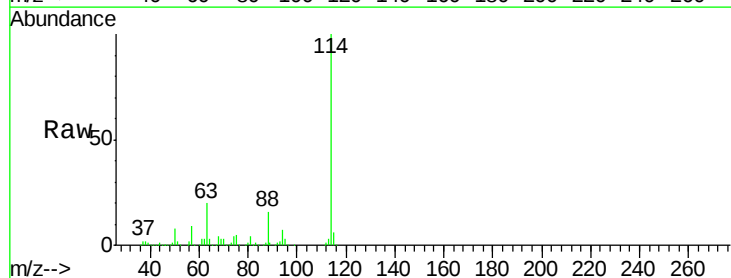
Tgt Ion: 114 Resp: 304807

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

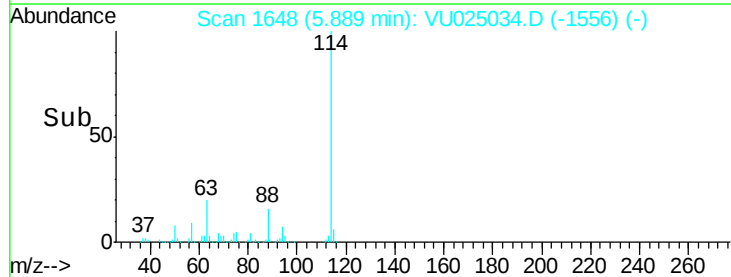
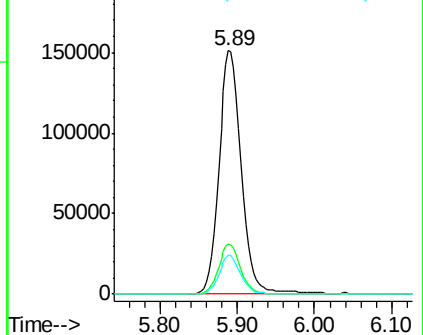
88 16.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025034.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025034.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025034.D (-1556) (-)





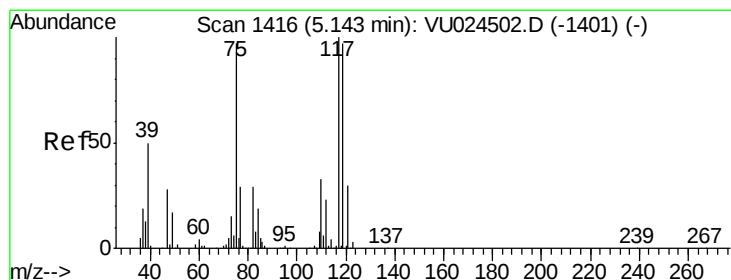
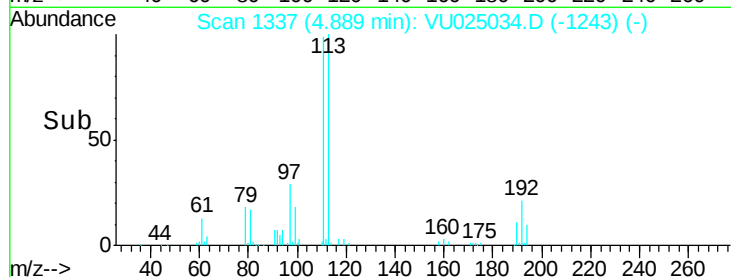
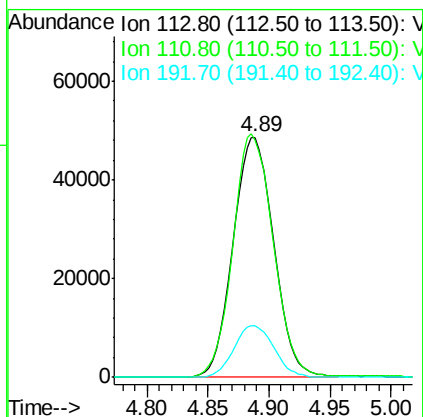
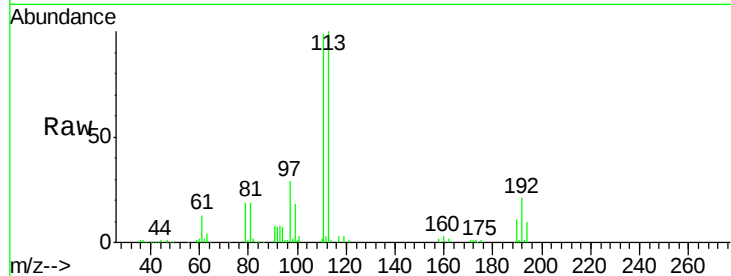
#35
 Dibromofluoromethane
 Concen: 44.36 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112224		
111	100.8	82.2	123.4	
192	21.3	16.2	24.4	

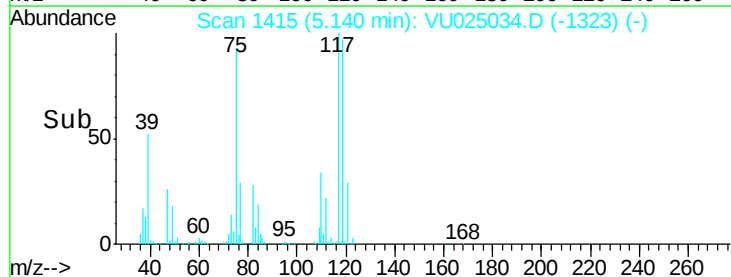
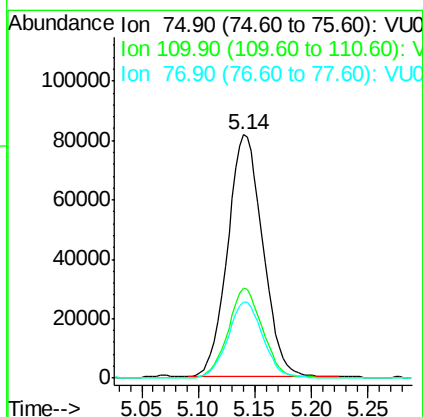
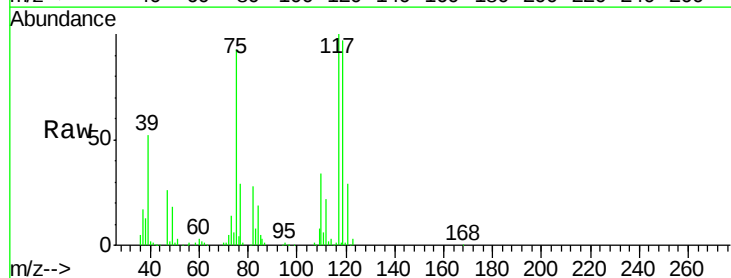
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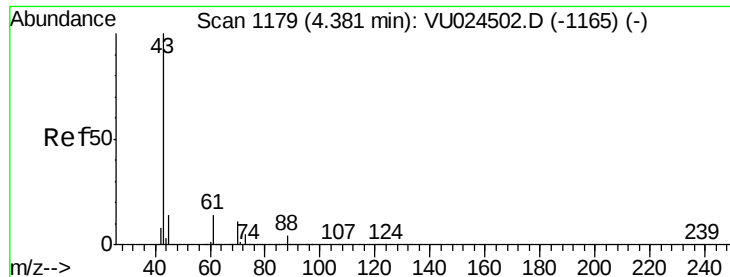
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#36
 1,1-Dichloropropene
 Concen: 49.30 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176587		
110	36.4	17.0	50.9	
77	30.8	24.2	36.4	





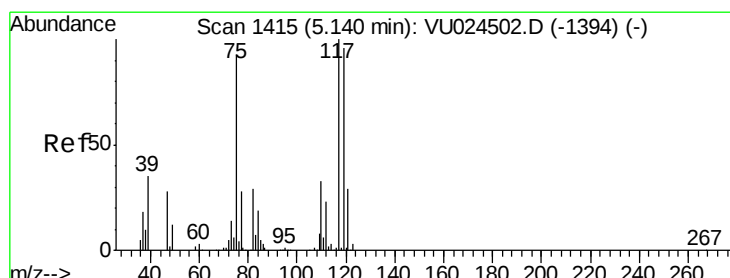
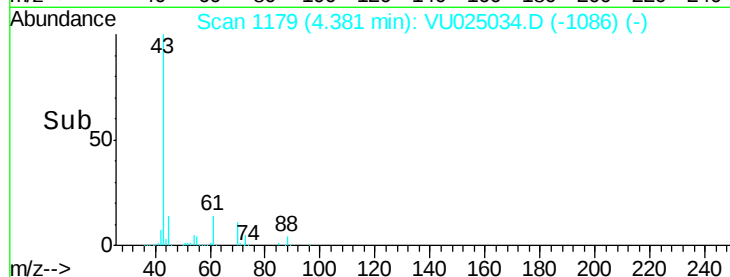
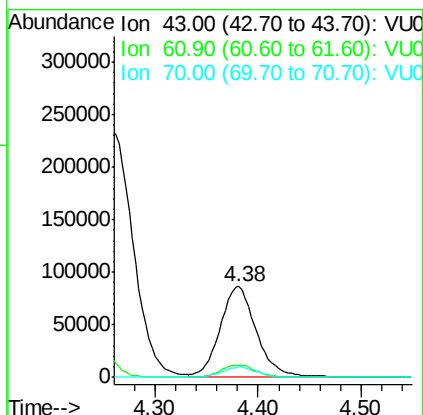
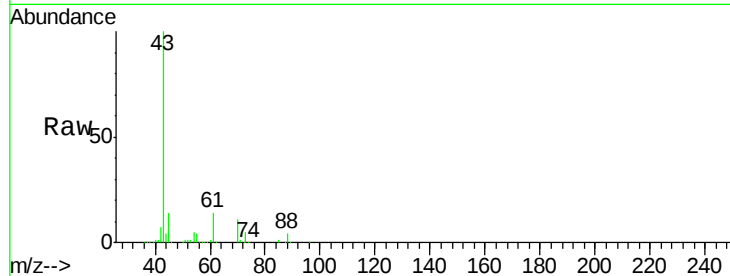
#37
Ethyl Acetate
Concen: 53.22 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	207748
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	11.1	7.4	11.2

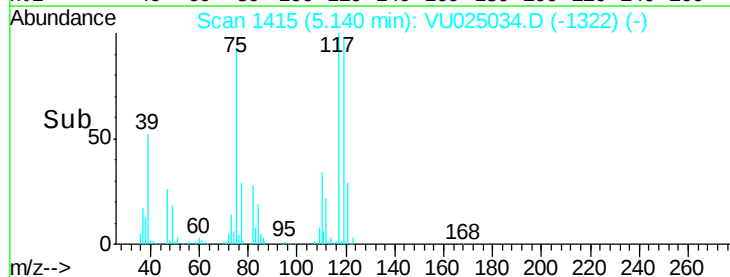
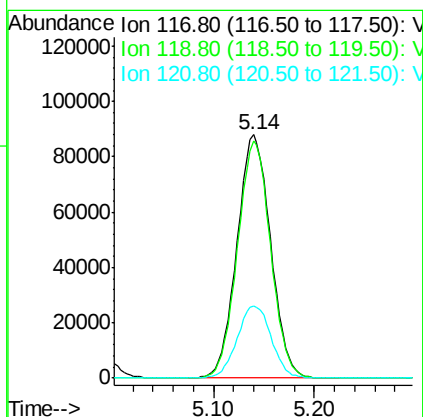
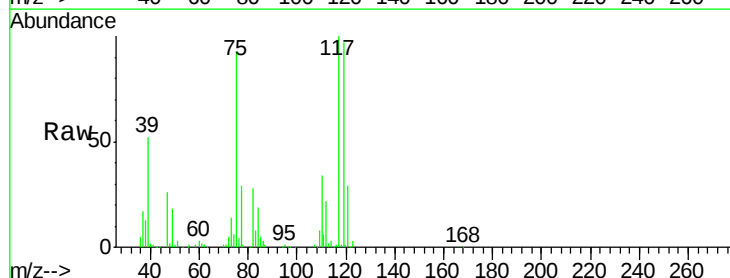
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#38
Carbon Tetrachloride
Concen: 51.59 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	117	Resp	203206
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.1	114.1
121	29.4	23.7	35.5





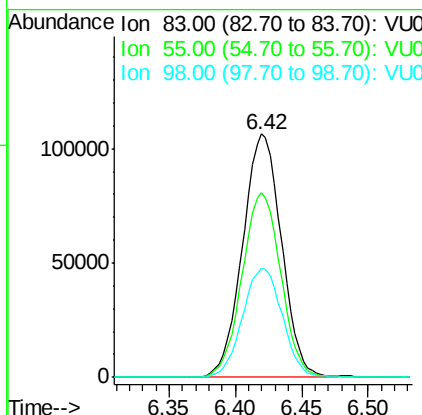
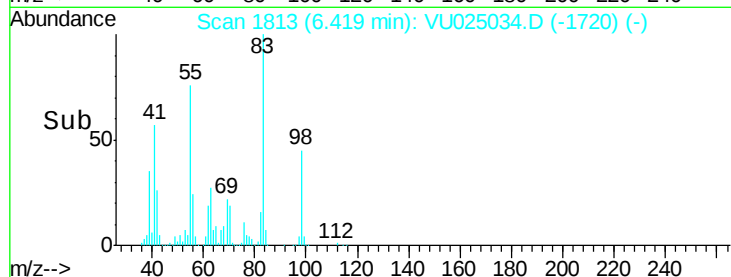
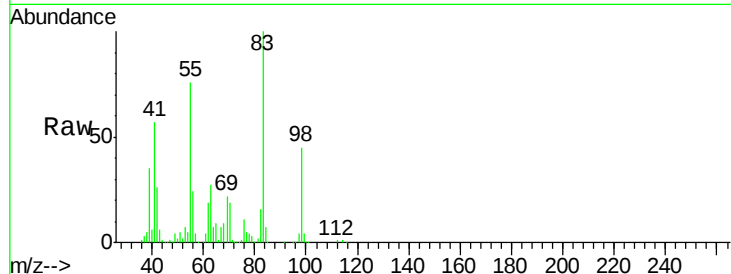
#39
Methvlcvclohexane
Concen: 48.71 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	65.8	98.6
98	44.7	36.7	55.1

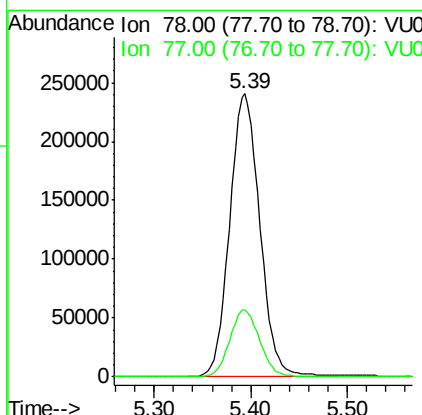
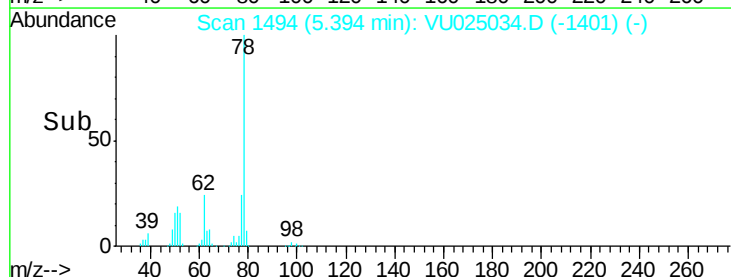
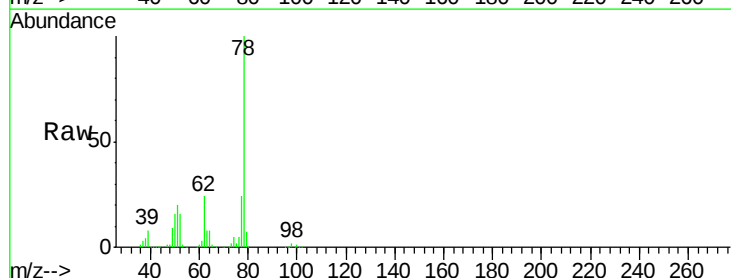
Manual Integrations
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#40
Benzene
Concen: 51.08 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





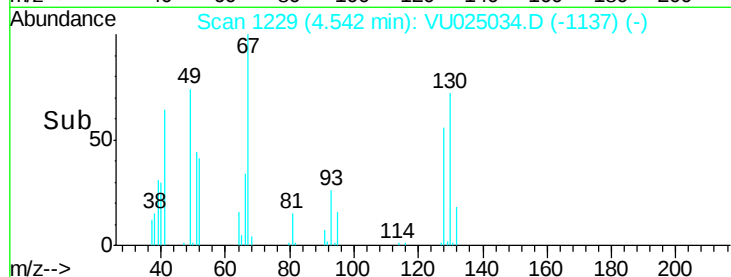
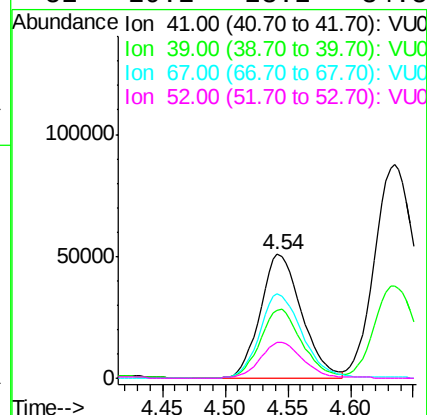
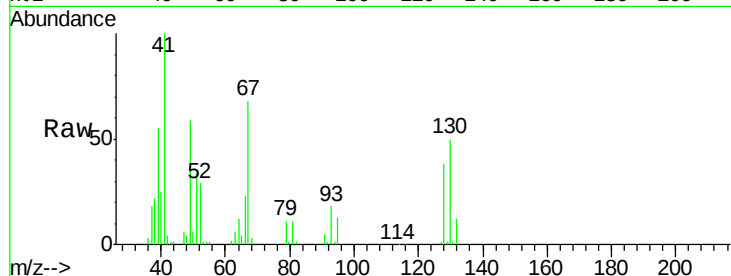
#41
Methacrylonitrile
Concen: 55.24 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.4	43.8	65.6		
67	70.8	56.3	84.5		
52	29.2	23.2	34.8		

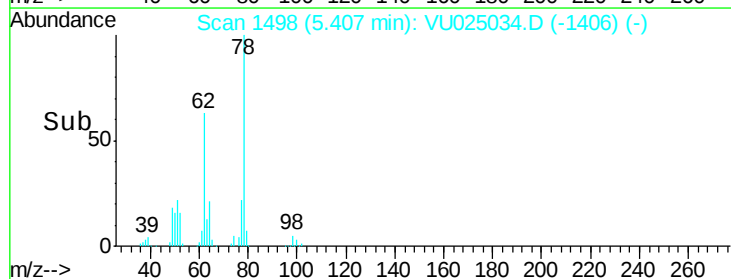
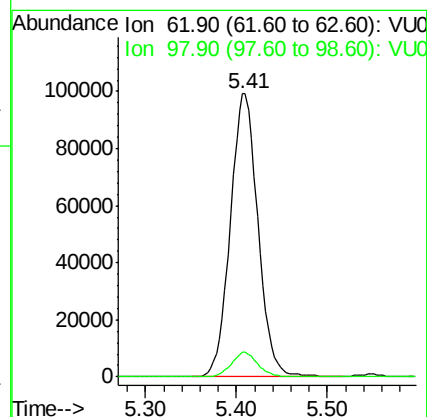
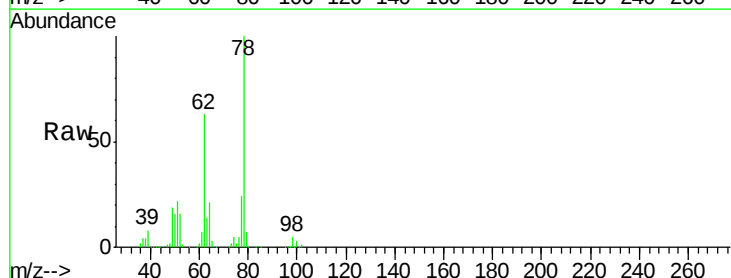
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#42
1,2-Dichloroethane
Concen: 53.83 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.2	0.0	16.6		





#43

Isopropyl Acetate

Concen: 49.25 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

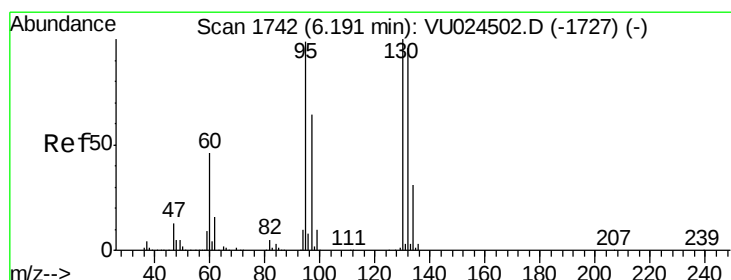
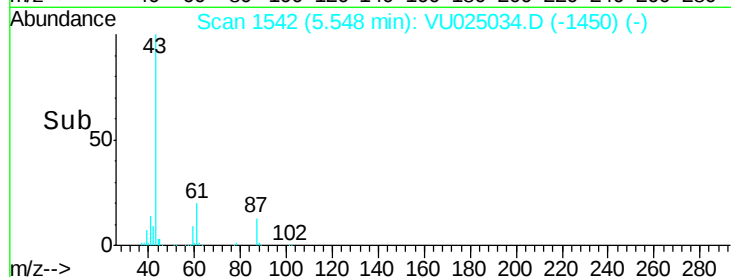
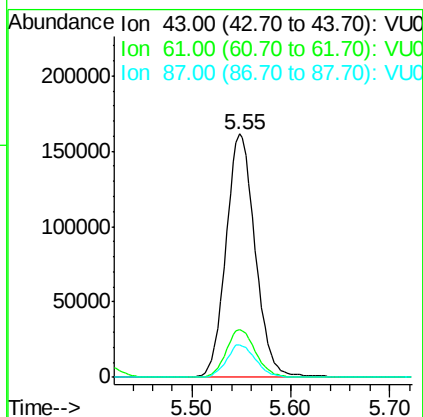
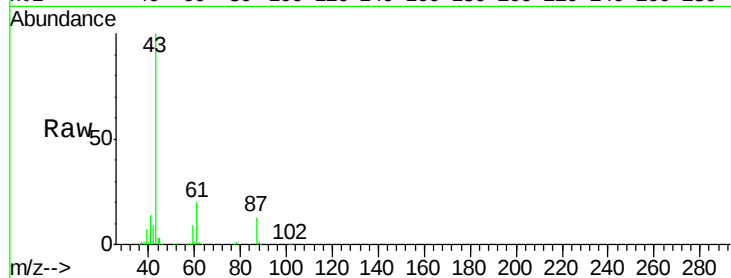
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	332325
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.4	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 49.90 ug/l

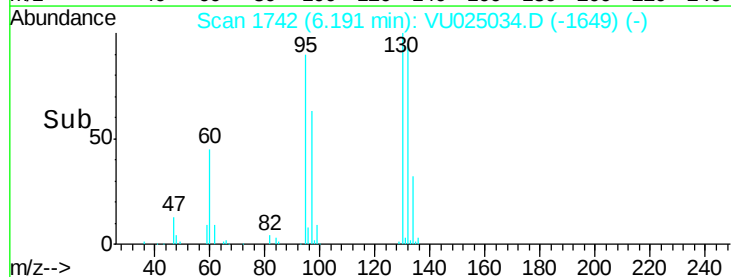
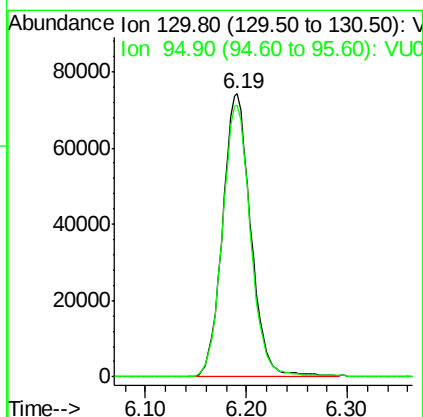
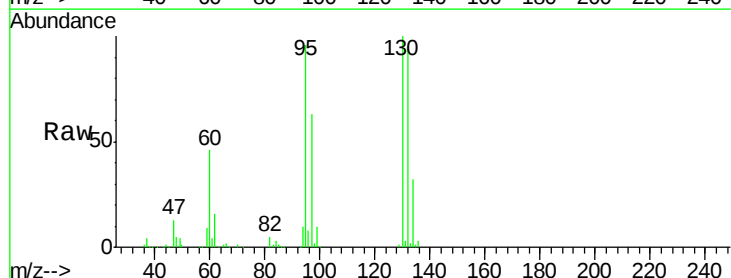
RT: 6.19 min Scan# 1742

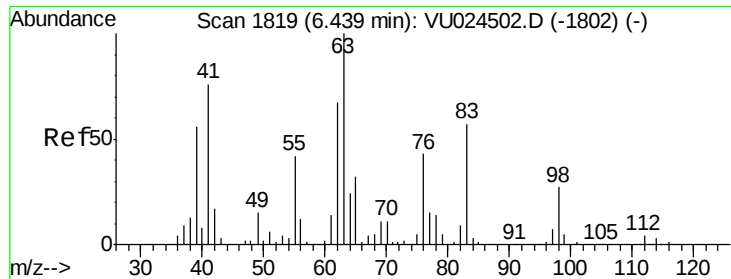
Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	130	Resp:	144937
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	202.4





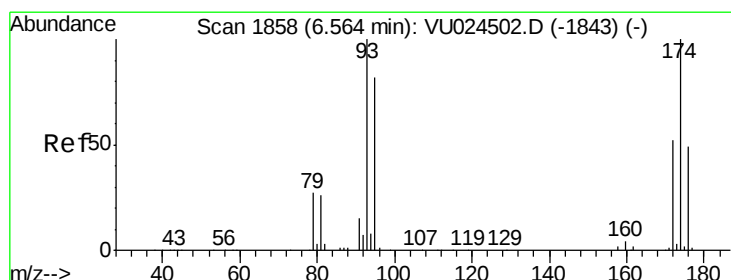
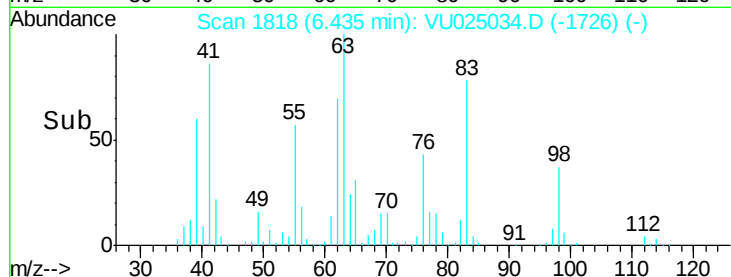
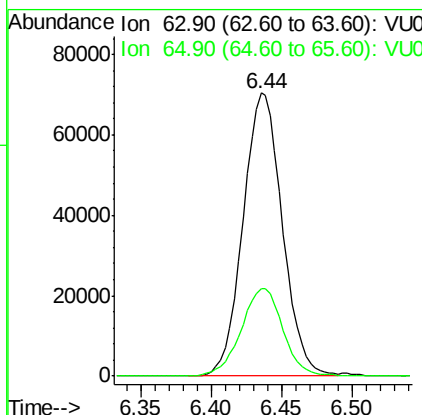
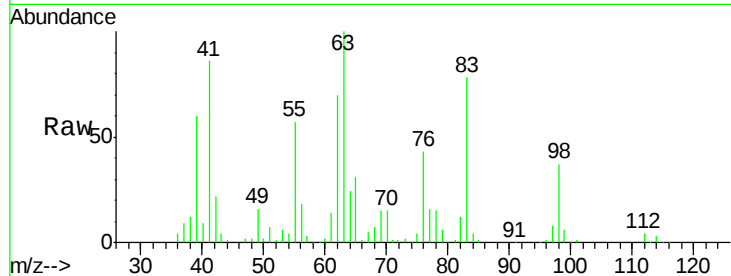
#45
 1,2-Dichloropropane
 Concen: 50.43 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 137328
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2

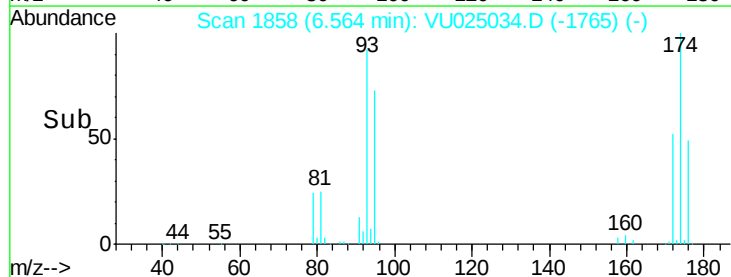
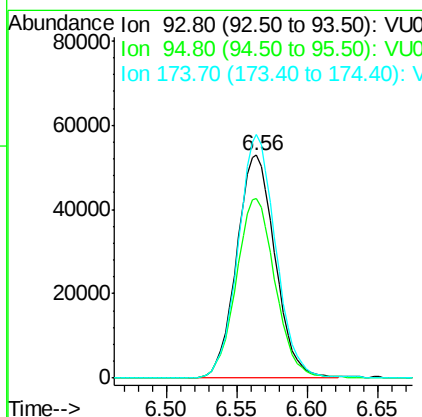
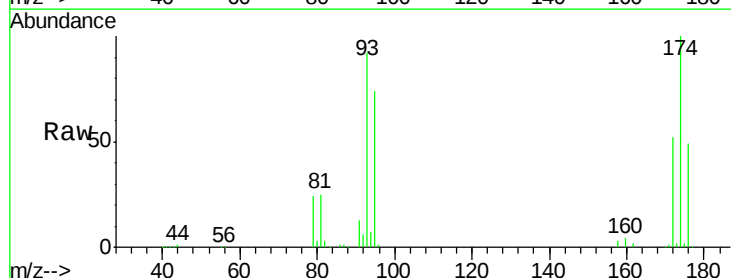
Manual Integrations
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#46
 Dibromomethane
 Concen: 52.88 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion: 93 Resp: 101154
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.5 98.3
 174 106.6 78.7 118.1





#47

Bromodichloromethane

Concen: 49.72 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

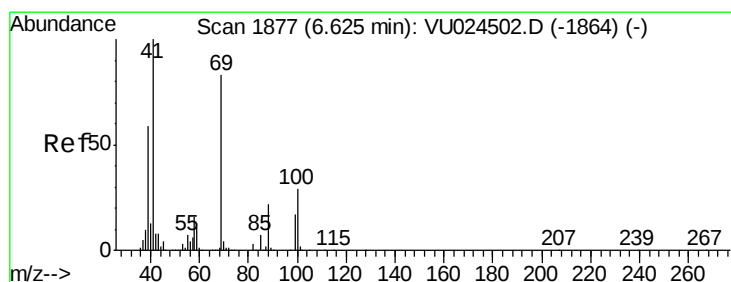
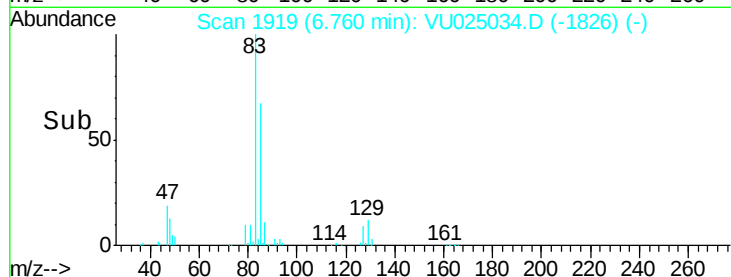
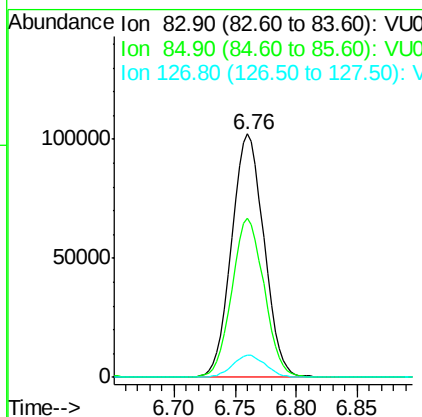
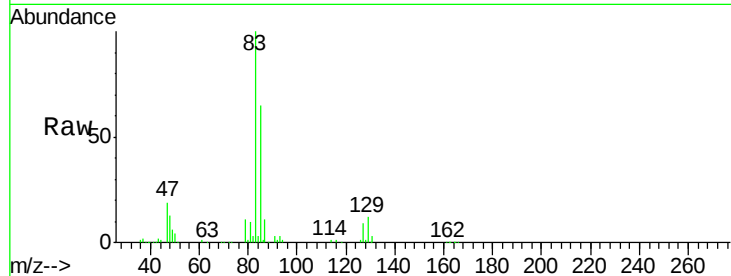
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	189368
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 52.10 ug/l

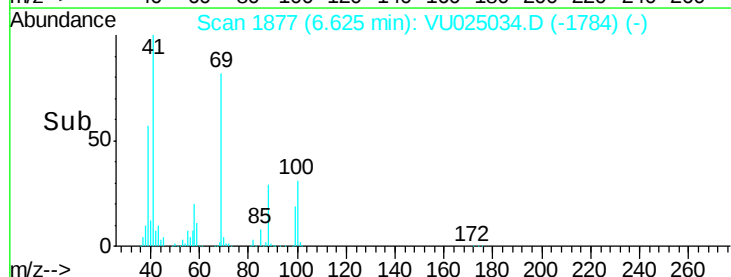
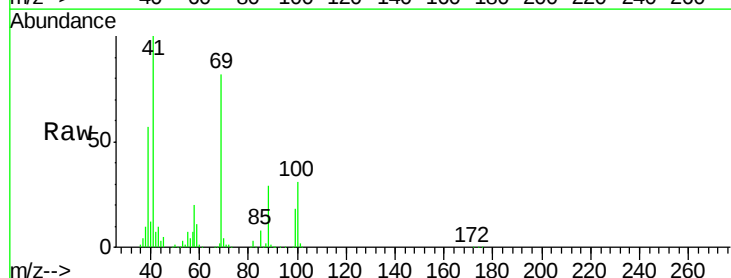
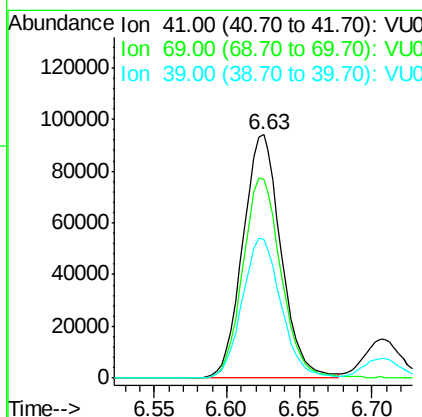
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	41	Resp:	171179
Ion Ratio	Lower	Upper	
41	100		
69	83.2	67.3	100.9
39	58.5	46.5	69.7





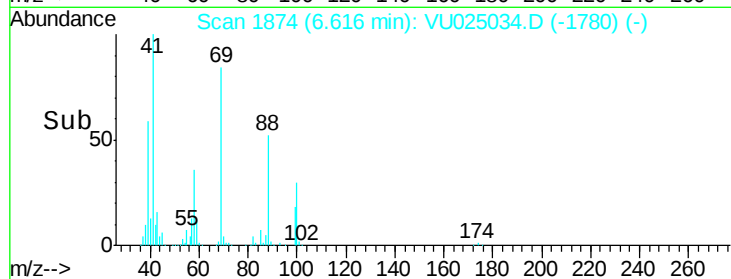
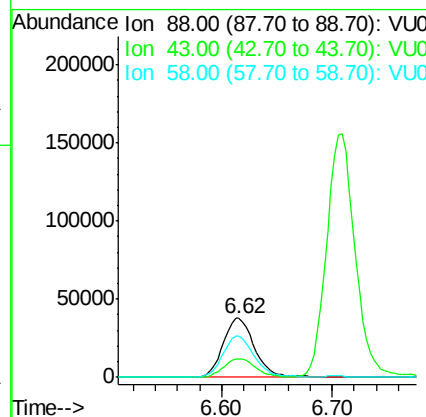
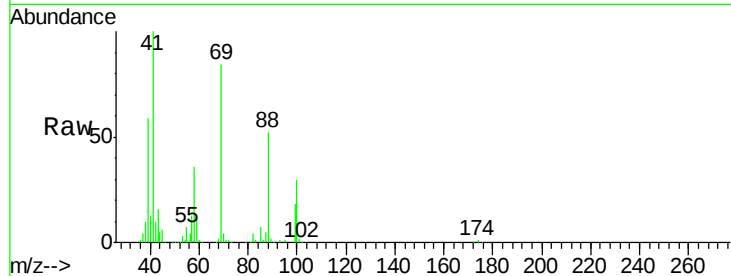
#49
1,4-Dioxane
Concen: 1156.51 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.6	42.8
58	71.0	58.2	87.4

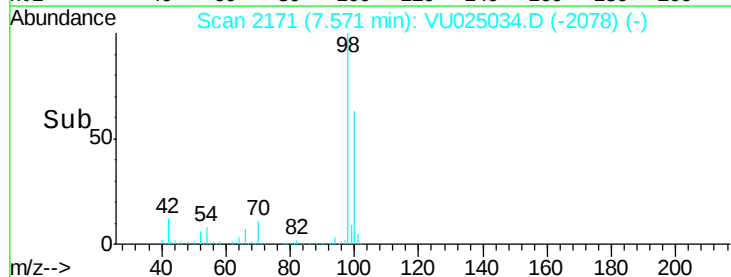
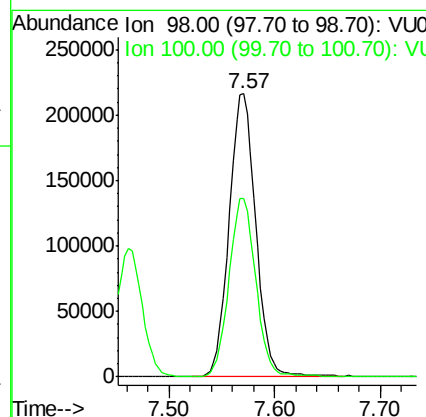
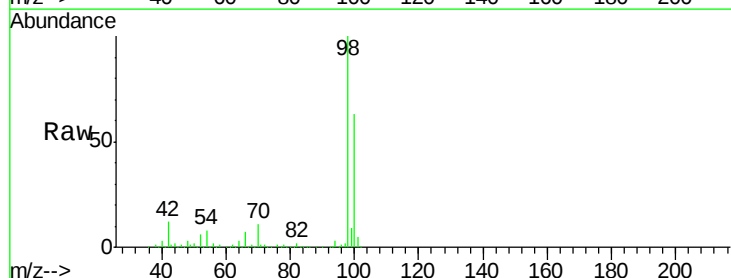
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#50
Toluene-d8
Concen: 41.07 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





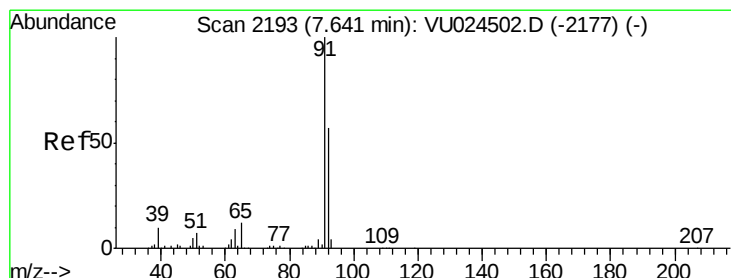
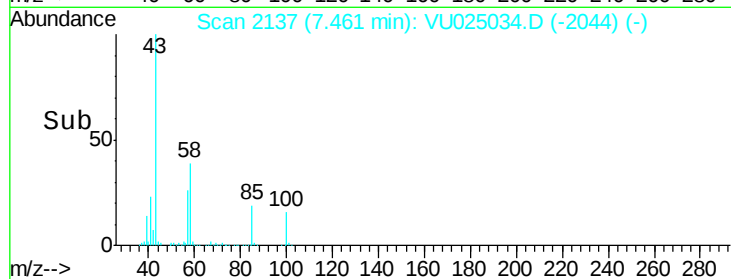
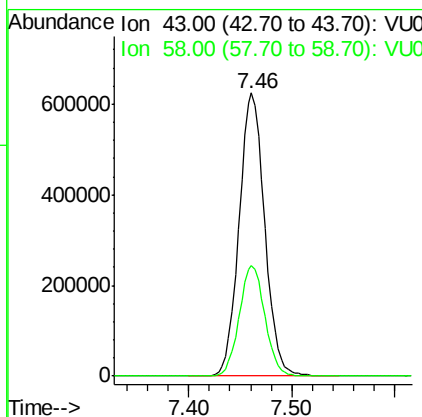
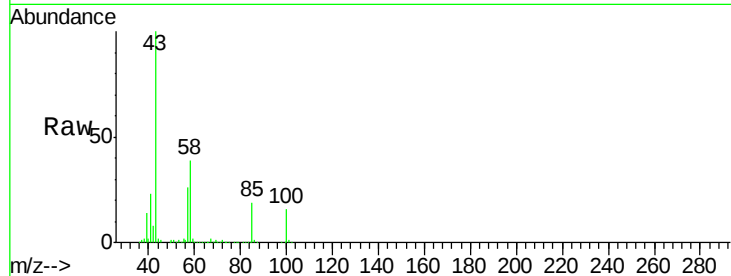
#51
 4-Methyl-2-Pentanone
 Concen: 253.75 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1075741
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.0 45.0

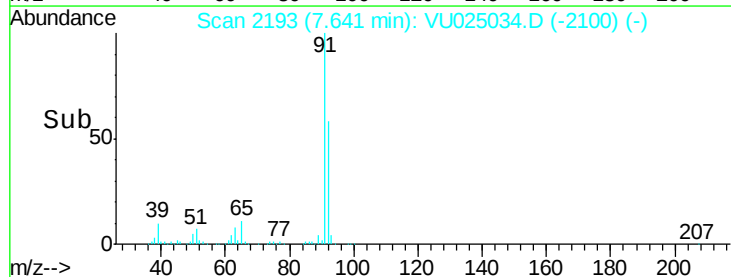
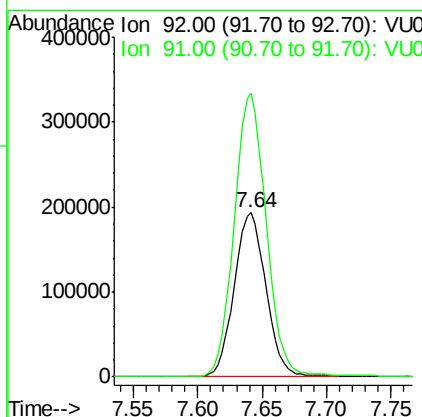
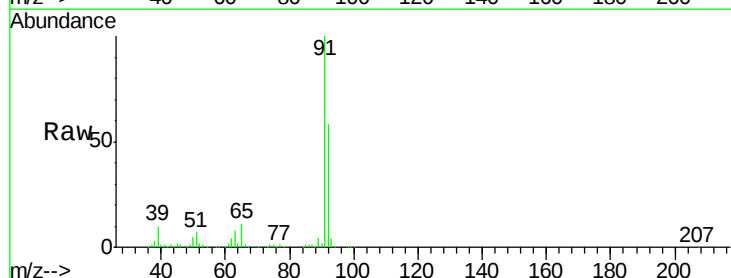
Manual Integrations
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#52
 Toluene
 Concen: 50.65 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion: 92 Resp: 332550
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.5 210.7





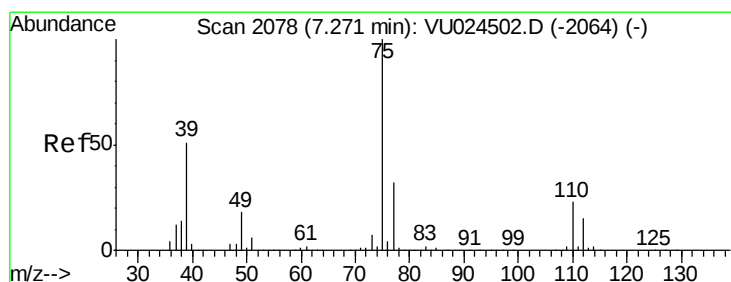
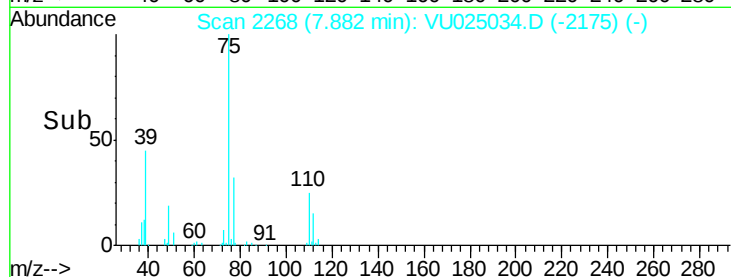
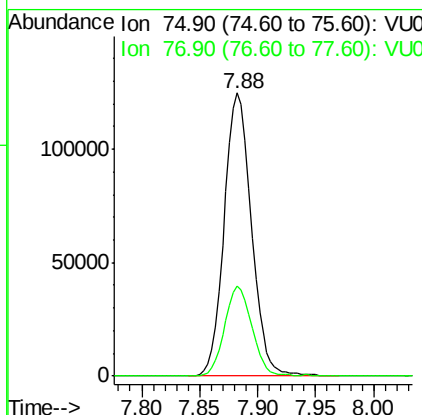
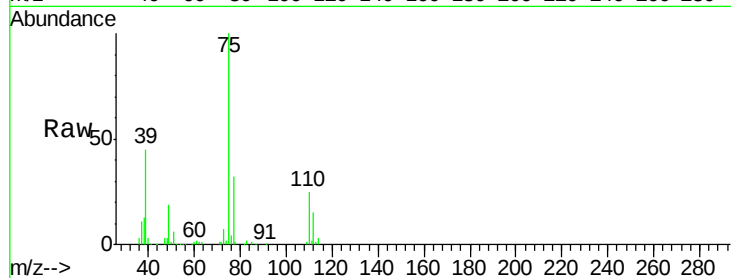
#53
t-1,3-Dichloropropene
Concen: 47.69 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2

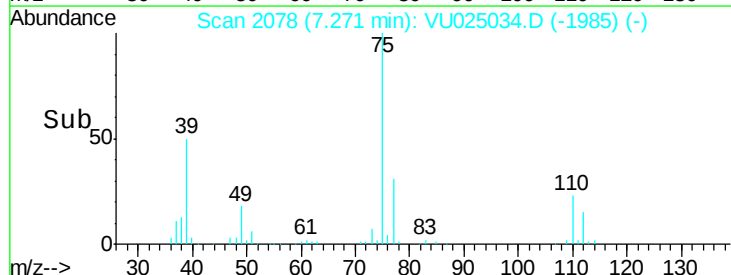
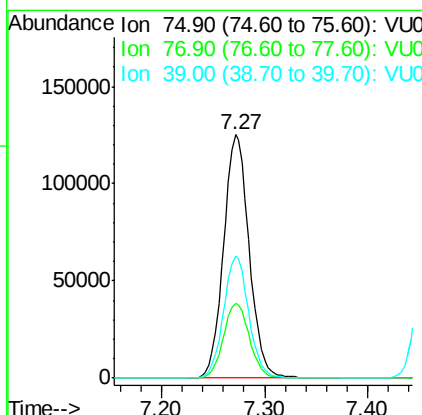
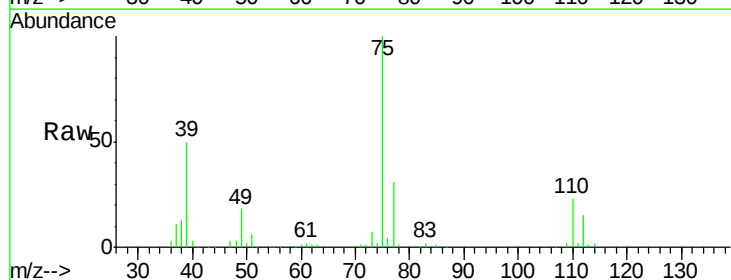
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#54
cis-1,3-Dichloropropene
Concen: 47.45 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8
39	49.8	39.8	59.6





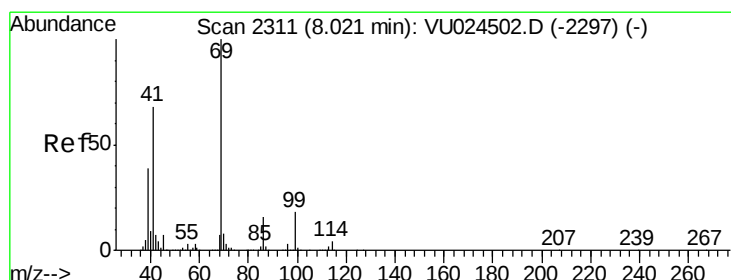
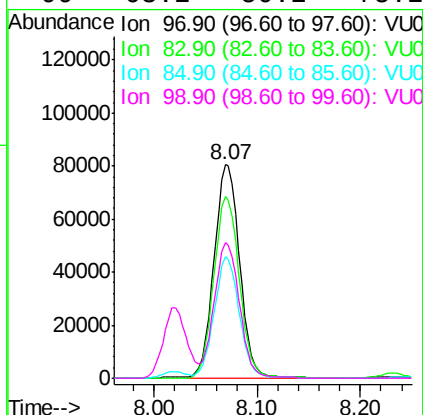
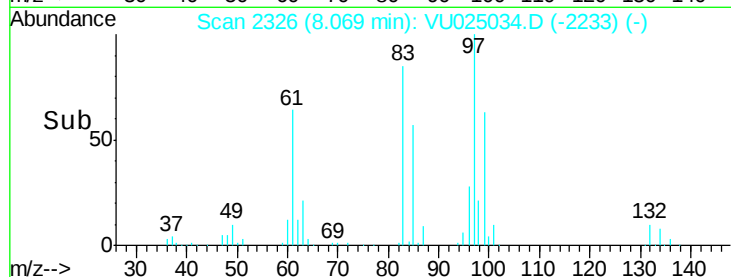
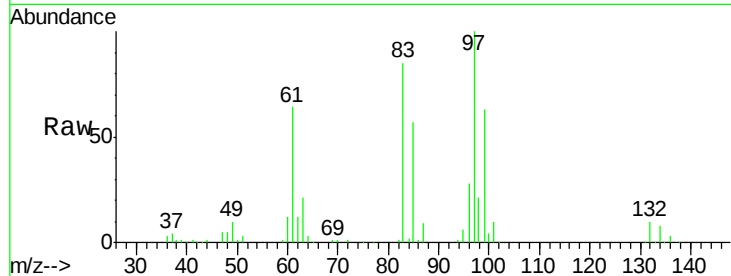
#55
 1,1,2-Trichloroethane
 Concen: 52.01 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		138816		
83	85.2	70.5	105.7		
85	56.7	46.4	69.6		
99	63.2	50.2	75.2		

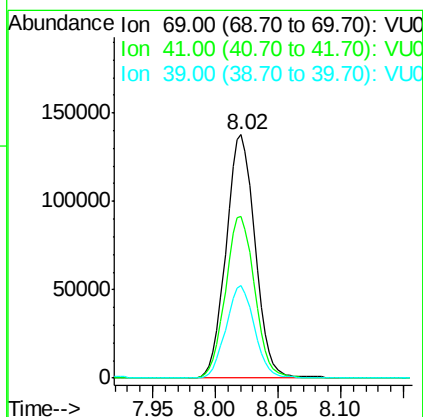
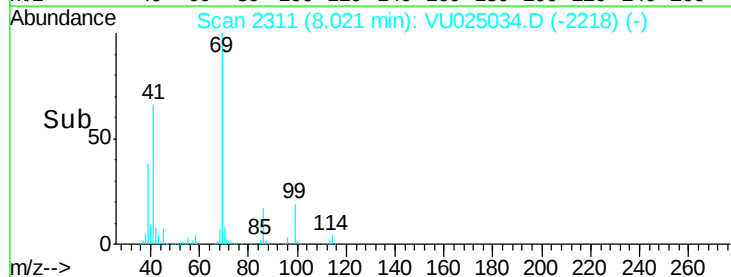
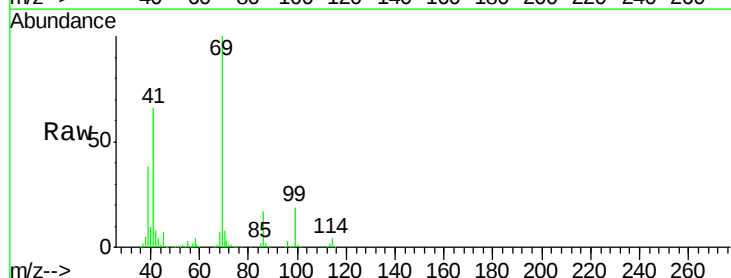
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#56
 Ethyl methacrylate
 Concen: 49.58 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		221506		
41	66.4	54.1	81.1		
39	37.2	30.3	45.5		





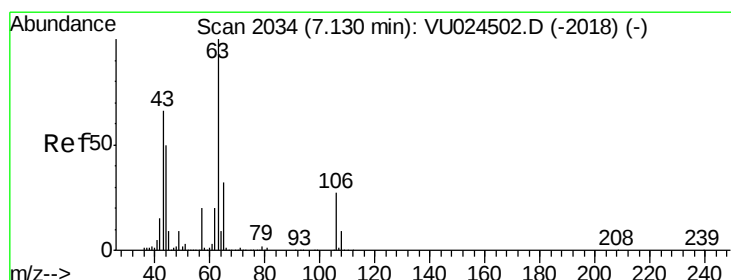
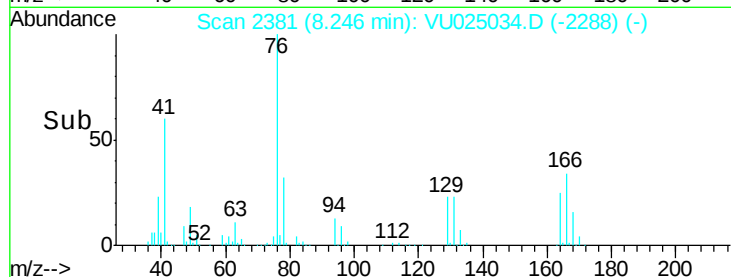
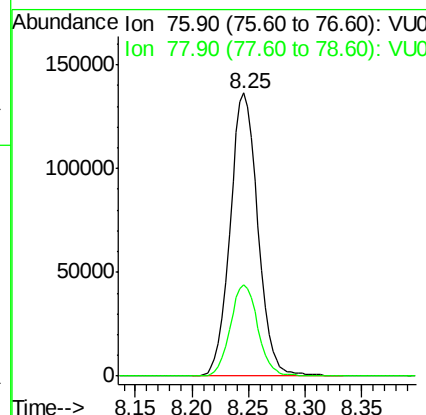
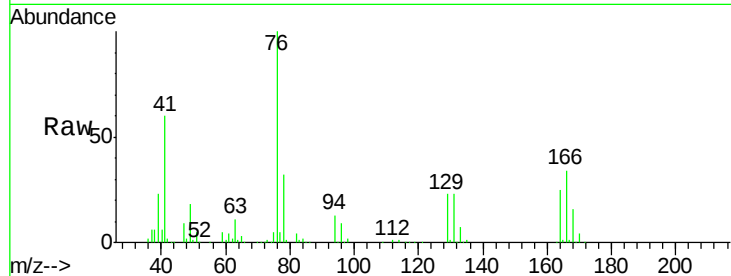
#57
 1,3-Dichloropropane
 Concen: 51.77 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 233114
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8

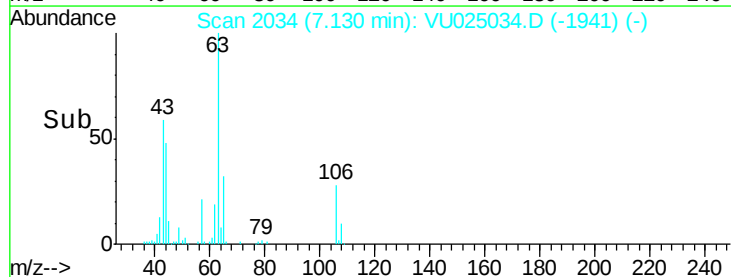
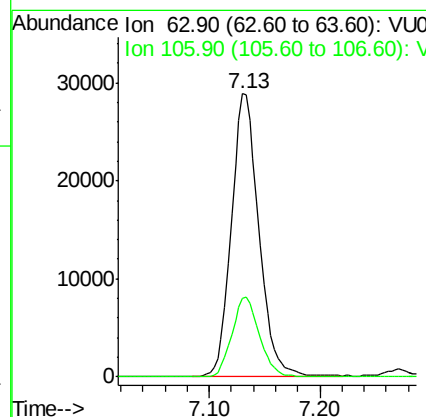
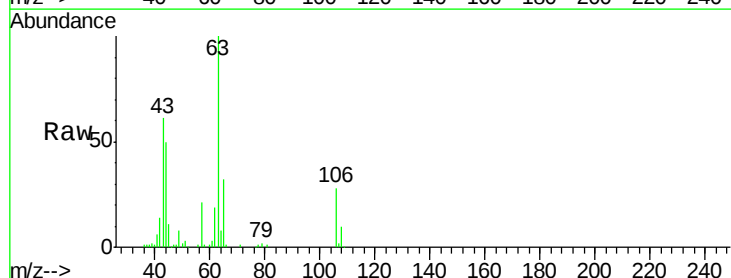
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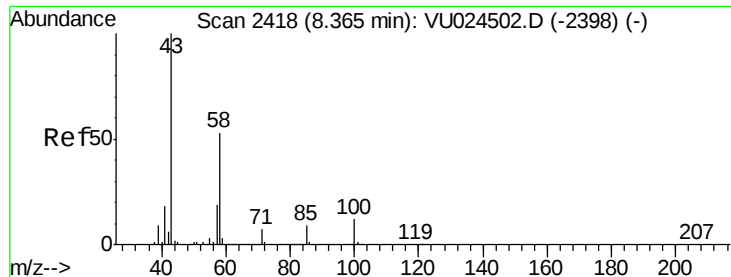
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#58
 2-Chloroethyl Vinyl ether
 Concen: 29.23 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion: 63 Resp: 50022
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.2 30.2





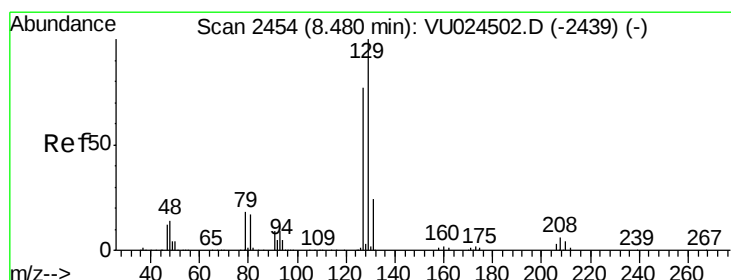
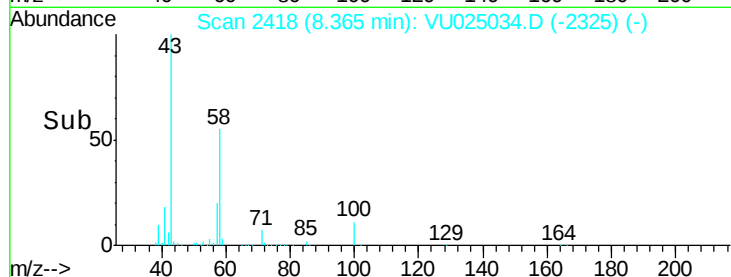
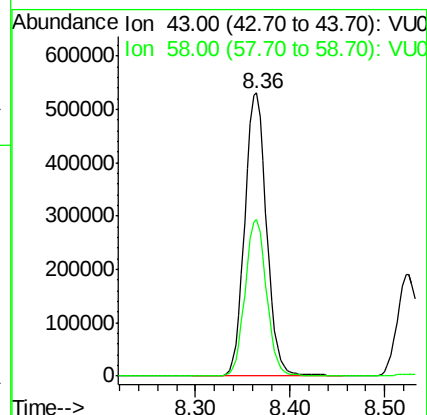
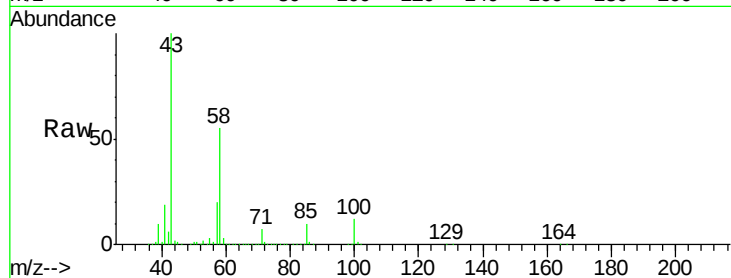
#59
2-Hexanone
Concen: 246.54 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 853279
Ion Ratio Lower Upper
43 100
58 54.4 26.4 79.0

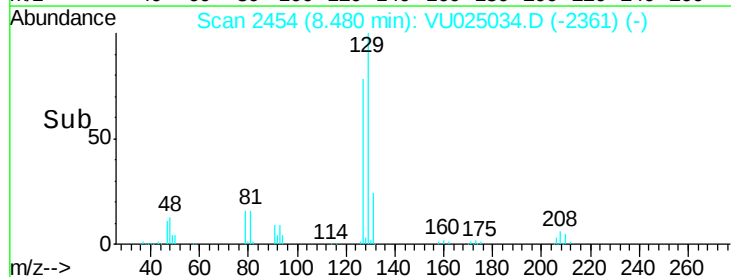
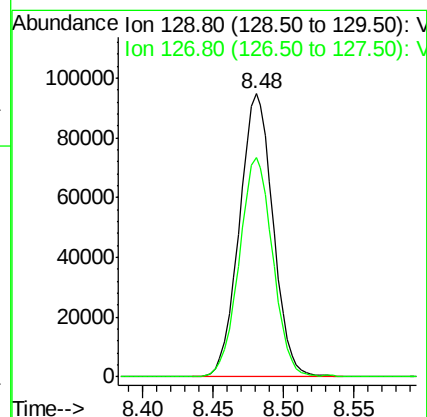
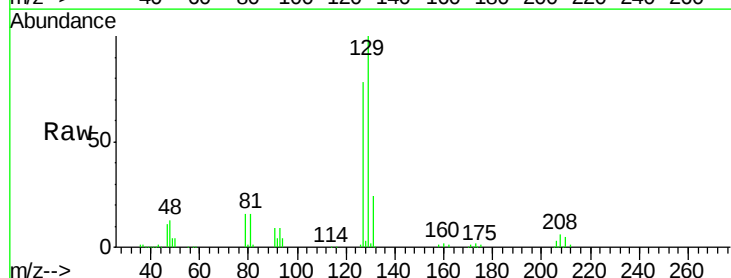
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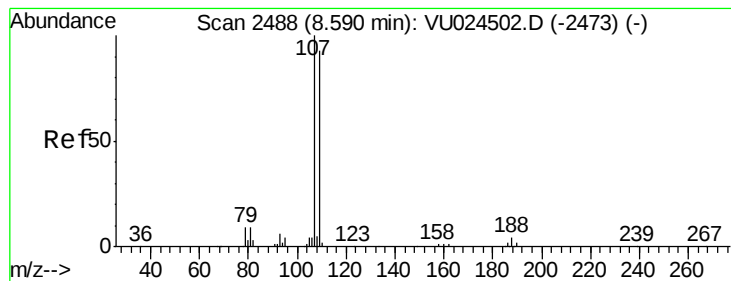
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#60
Dibromochloromethane
Concen: 47.65 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion: 129 Resp: 158601
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.70 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 153591

Ion Ratio Lower Upper

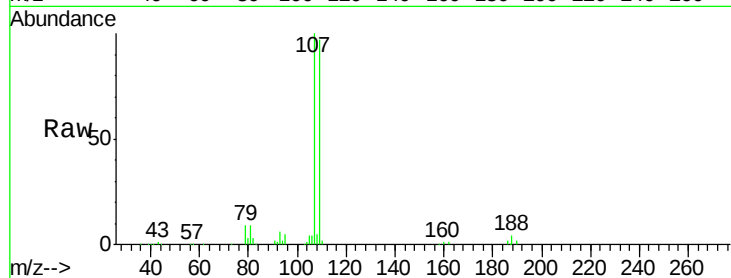
107 100

109 94.9 74.5 111.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

100000

80000

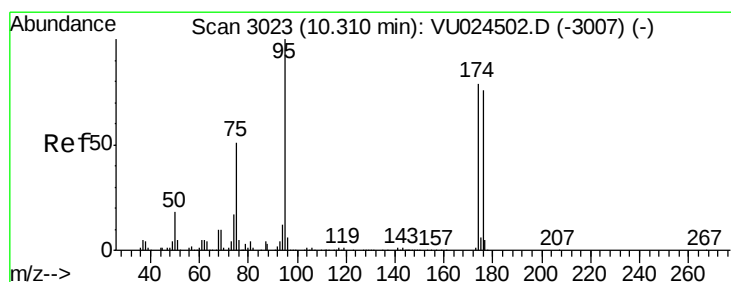
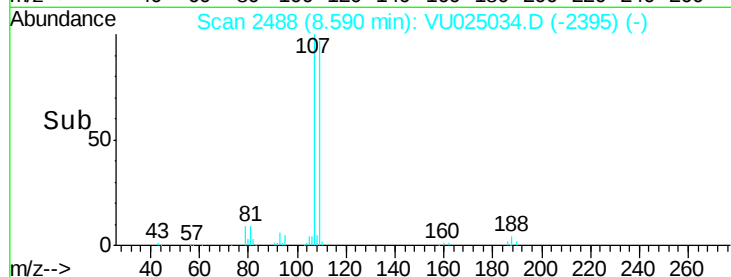
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.90 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

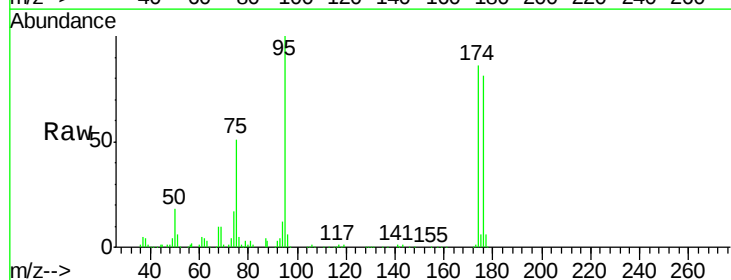
Tgt Ion: 95 Resp: 157155

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 82.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

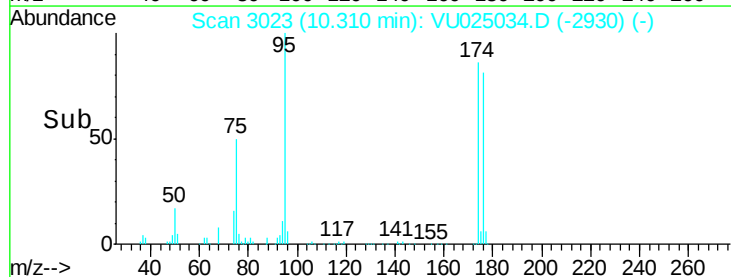
10.31

100000

50000

0

Time-->





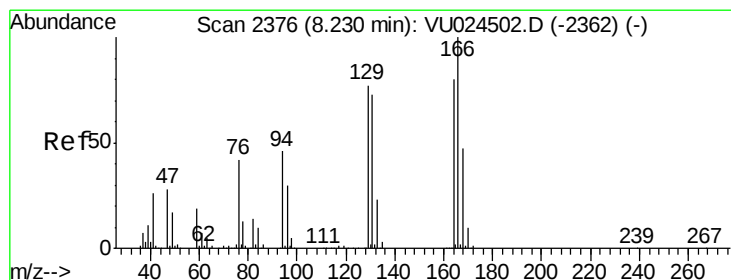
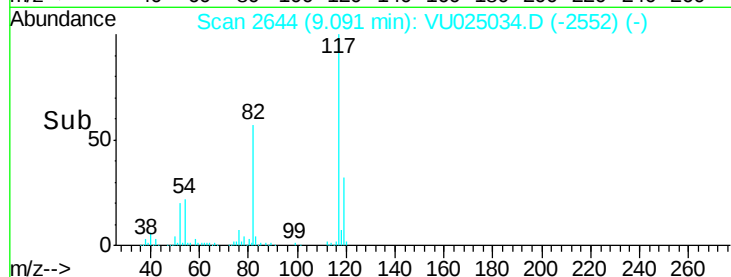
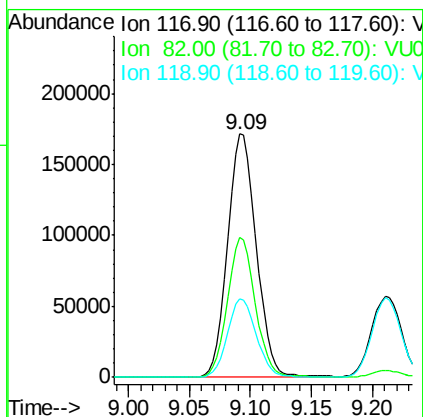
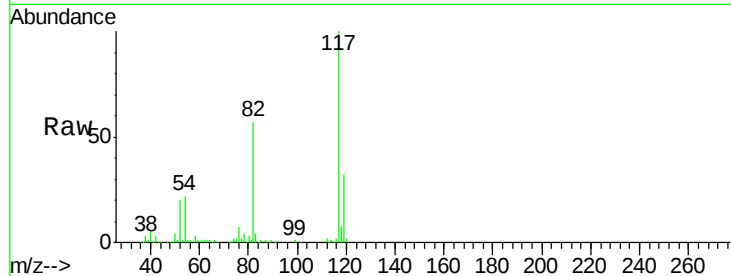
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	283762		
82	57.3		44.3	66.5
119	32.2		25.4	38.2

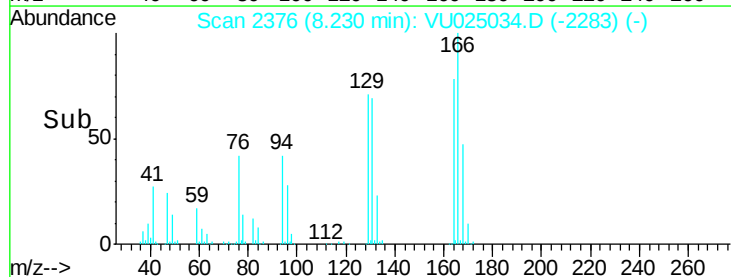
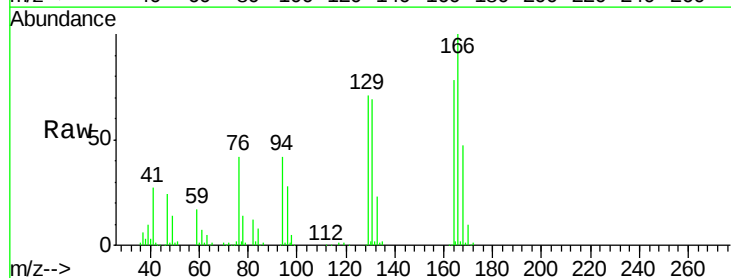
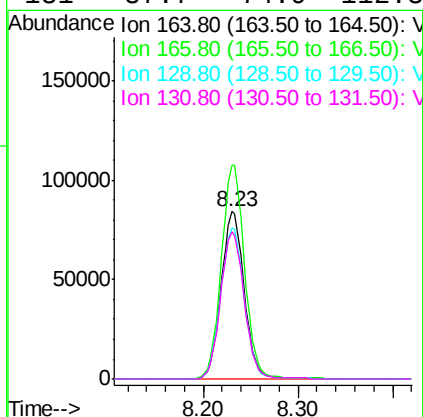
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#64
Tetrachloroethene
Concen: 53.13 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143307		
166	127.5		101.7	152.5
129	90.1		76.9	115.3
131	87.7		74.9	112.3





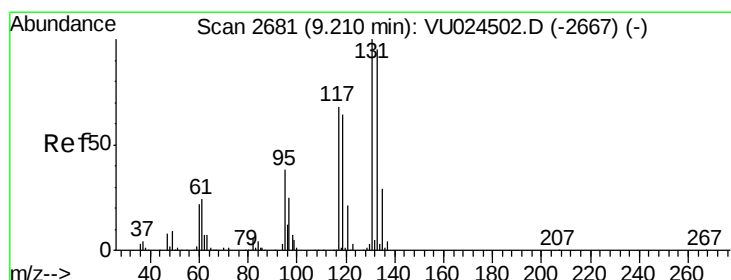
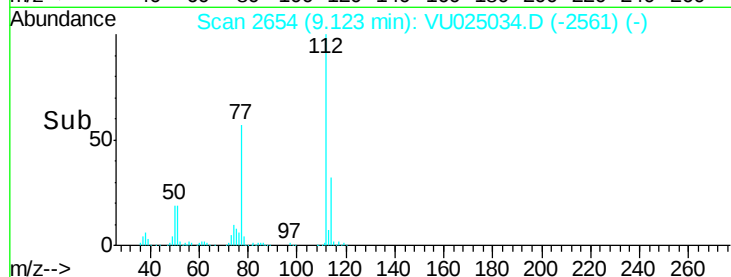
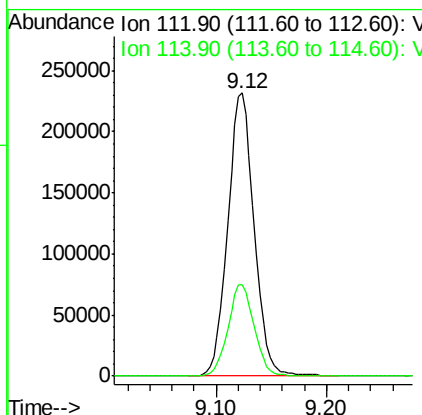
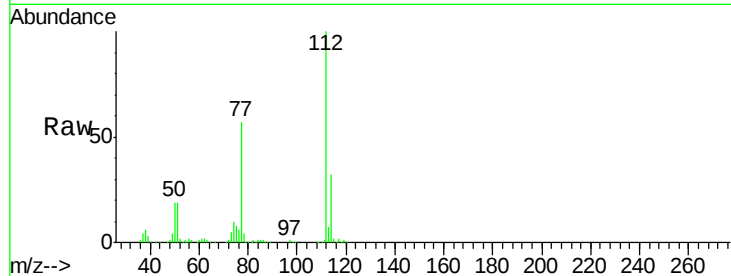
#65
Chlorobenzene
Concen: 52.89 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

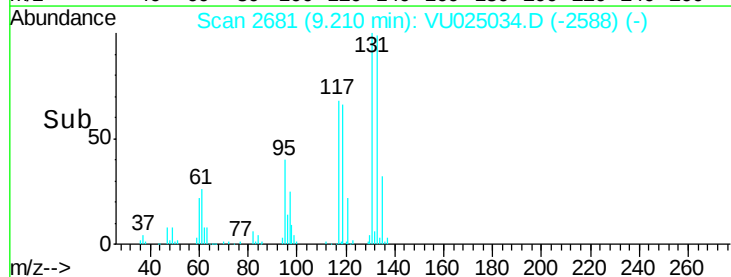
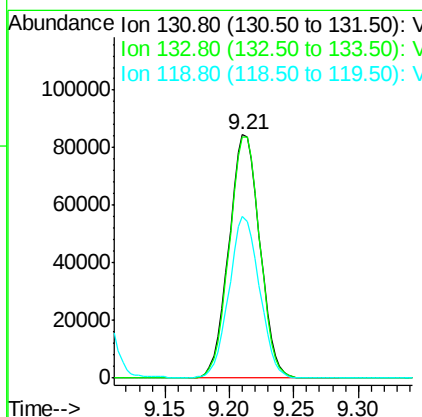
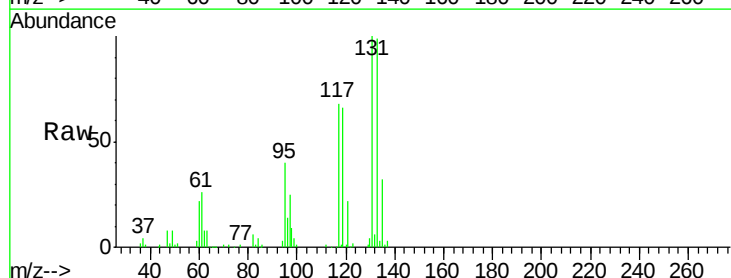
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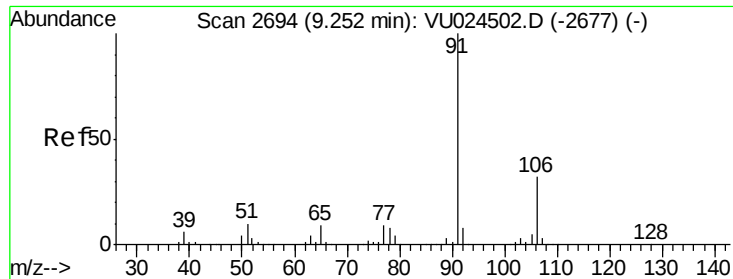
MMDadoda
6/29/2018 4:23:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.23 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.9	46.9	140.8
119	65.2	33.5	100.4





#67

Ethyl Benzene

Concen: 51.98 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 660576

Ion Ratio Lower Upper

91 100

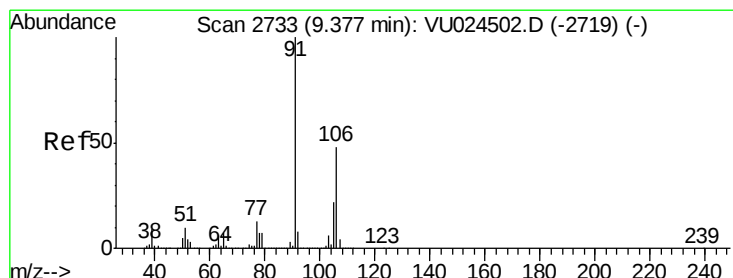
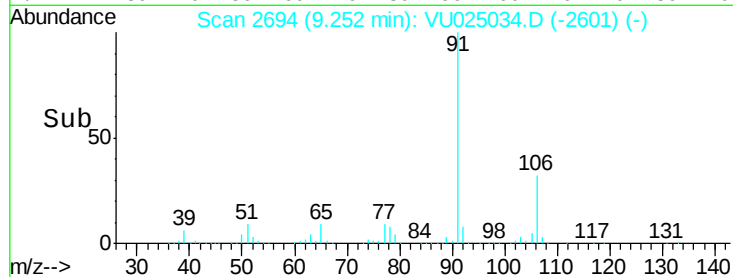
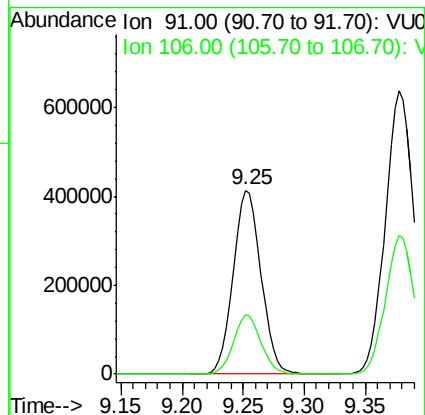
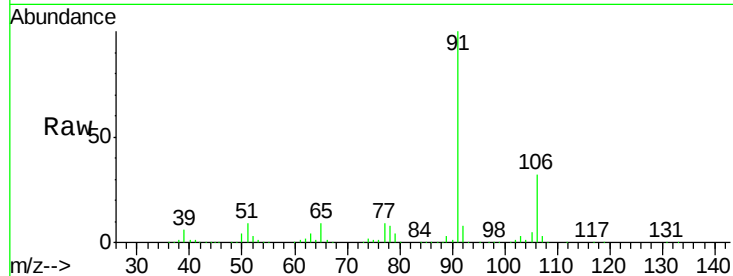
106 32.0 24.2 36.4

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#68

m/p-Xylenes

Concen: 105.85 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025034.D

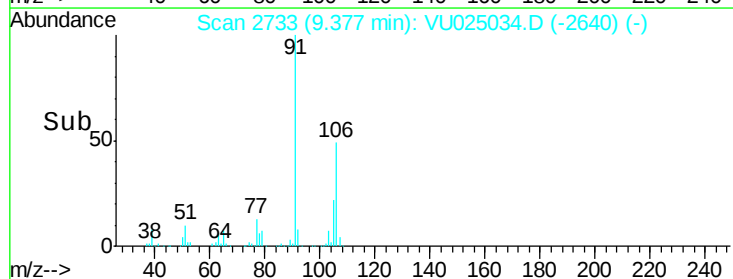
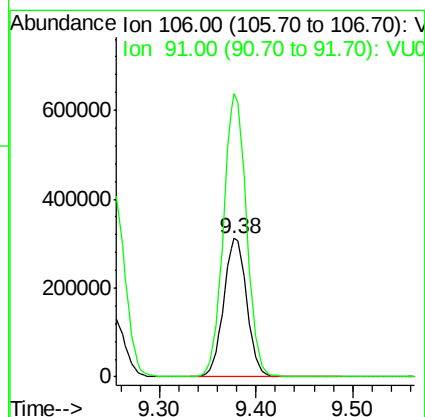
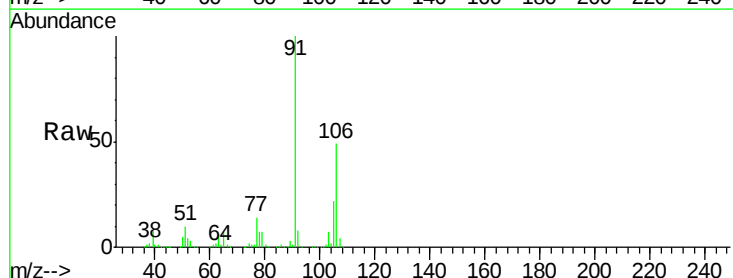
Acq: 28 Jun 2018 20:44

Tgt Ion: 106 Resp: 516543

Ion Ratio Lower Upper

106 100

91 203.4 166.5 249.7





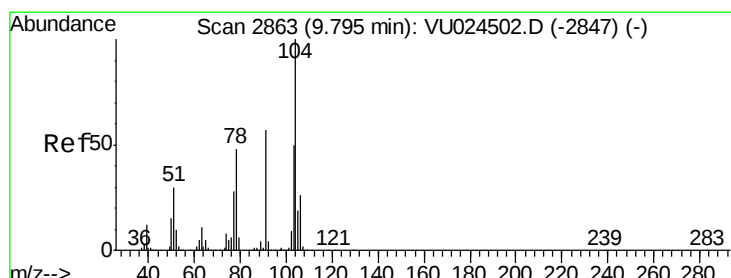
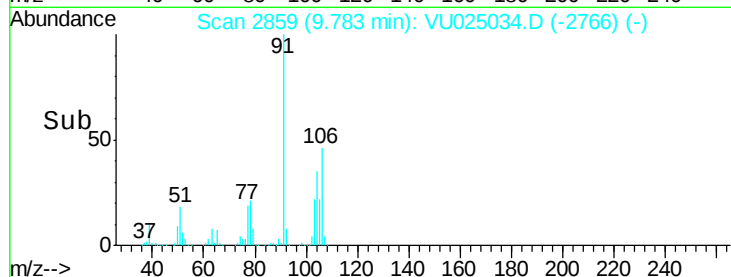
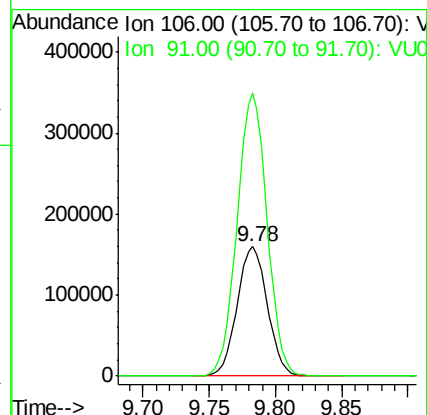
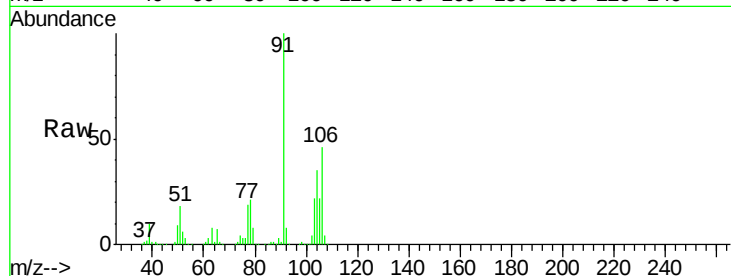
#69
o-Xylene
Concen: 52.42 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
253139	106	100		
	91	216.6	110.7	331.9

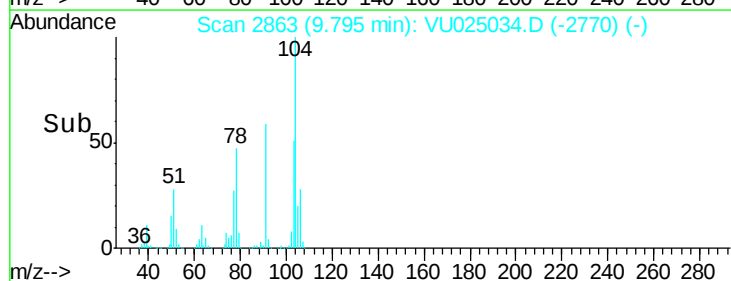
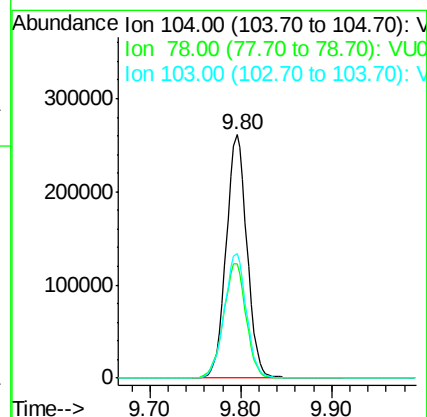
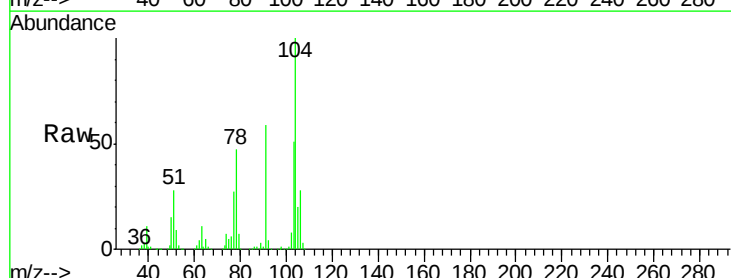
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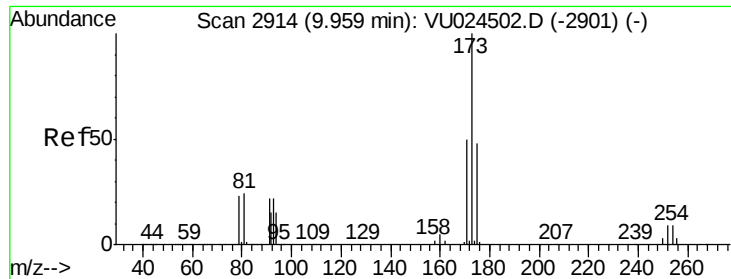
MMDadoda
6/29/2018 4:23:37 PM



#70
Styrene
Concen: 52.35 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
415495	104	100		
	78	50.8	40.6	60.8
	103	54.5	44.7	67.1





#71

Bromoform

Concen: 47.95 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

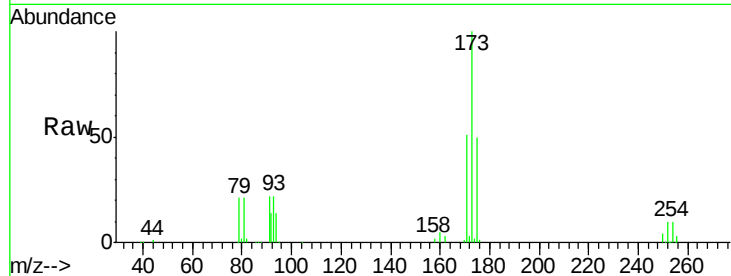
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.6	74.0
254	0.0	0.0	0.0

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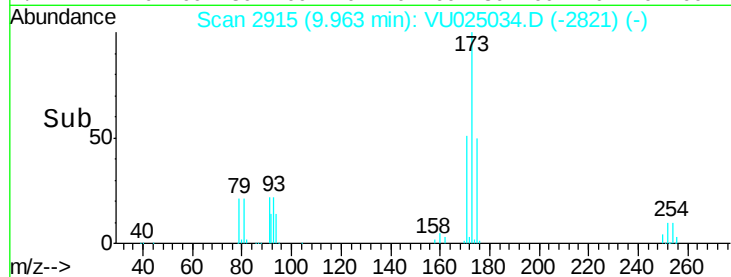
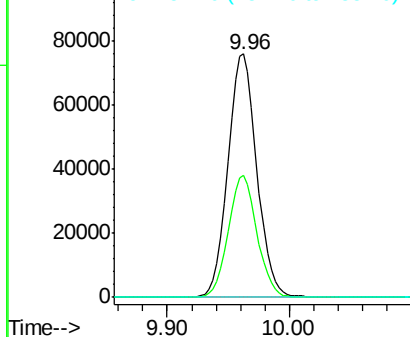


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

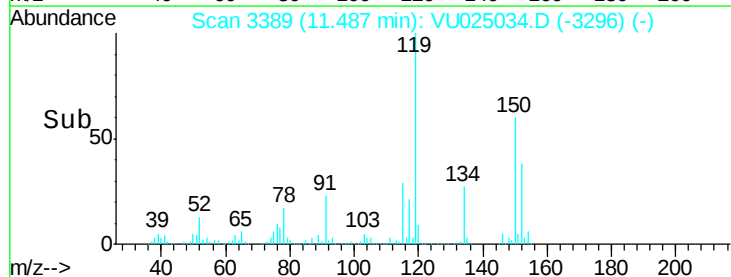
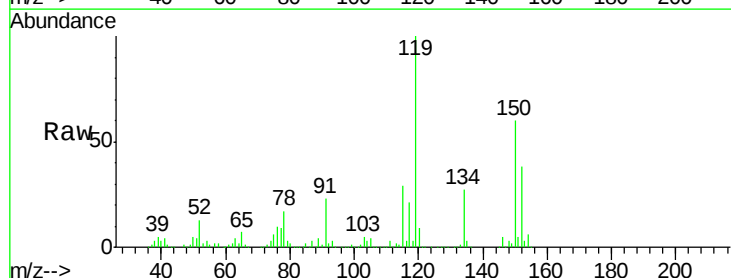
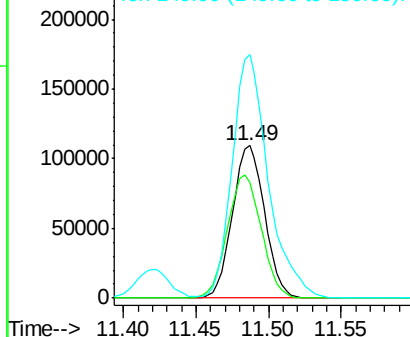
Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.1	43.0	129.0
150	178.4	0.0	354.0

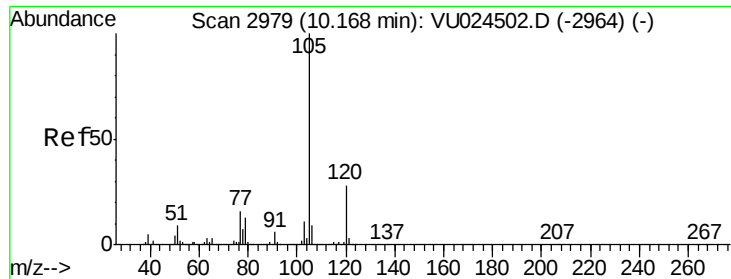
Abundance

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: 53.26 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 690309

Ion Ratio Lower Upper

105 100

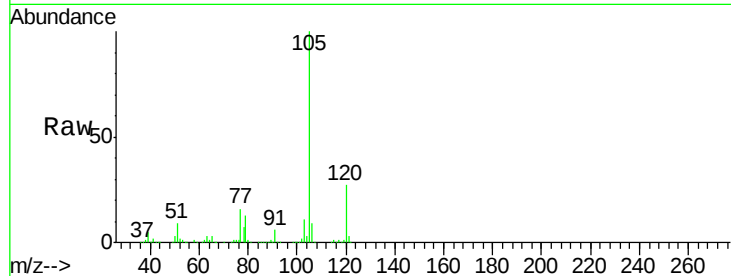
120 26.6 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

400000

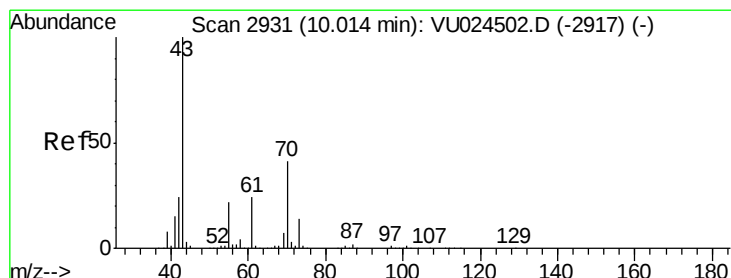
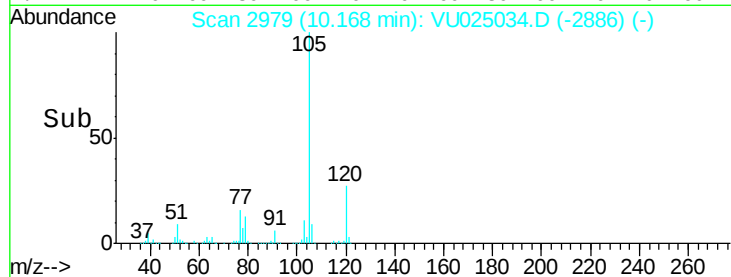
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.72 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion: 43 Resp: 300374

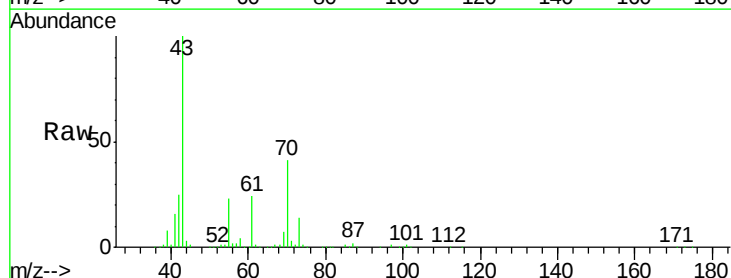
Ion Ratio Lower Upper

43 100

70 41.4 32.2 48.4

55 23.4 20.5 30.7

61 23.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

200000

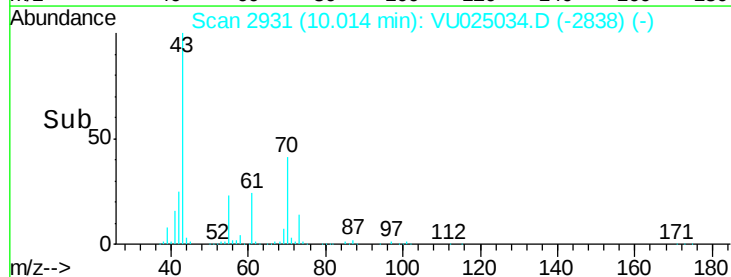
150000

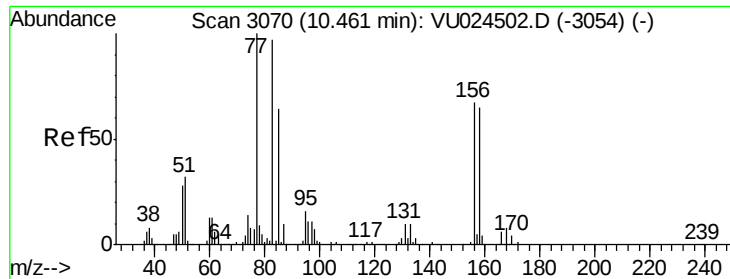
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.90 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 229756

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.1

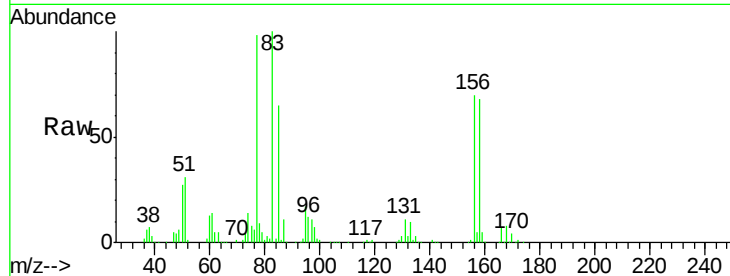
85 64.9 32.5 97.5

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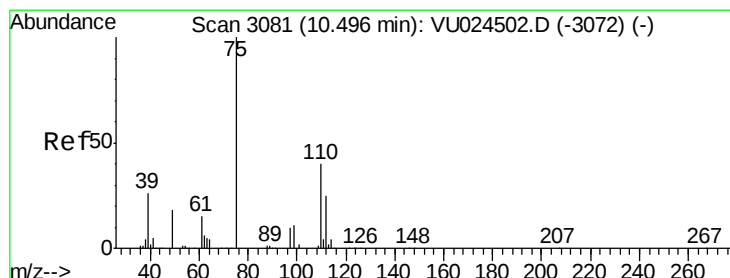
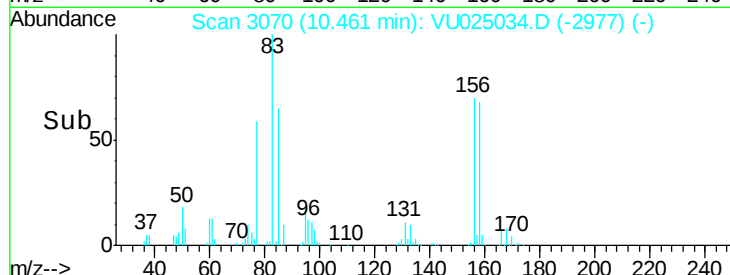
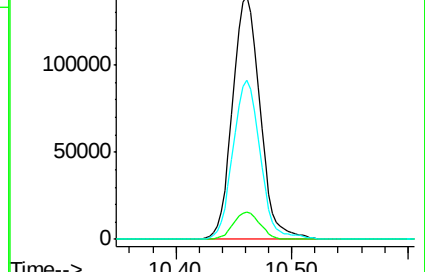
6/29/2018 4:23:37 PM



Abundance Ion 82.90 (82.60 to 83.60): VU025034.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025034.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025034.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 56.55 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025034.D

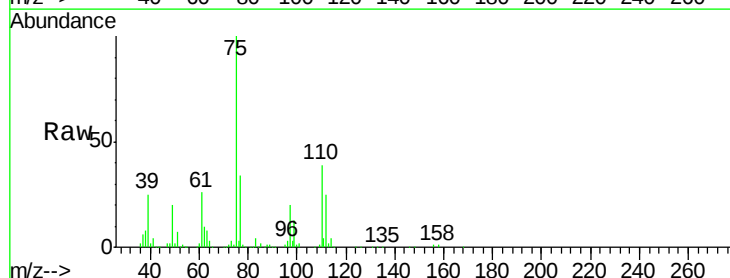
Acq: 28 Jun 2018 20:44

Tgt Ion: 75 Resp: 210178

Ion Ratio Lower Upper

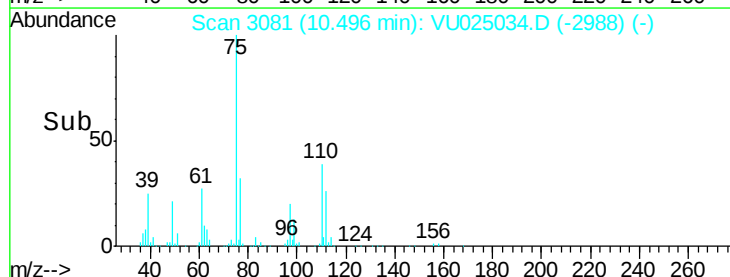
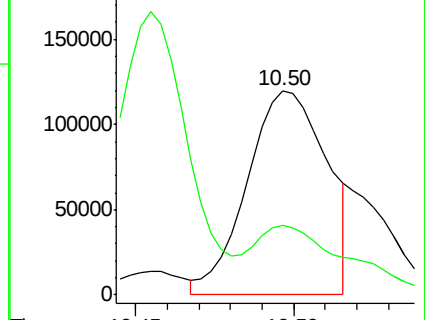
75 100

77 39.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025034.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025034.D (-2988) (-)





#77

Bromobenzene

Concen: 54.54 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

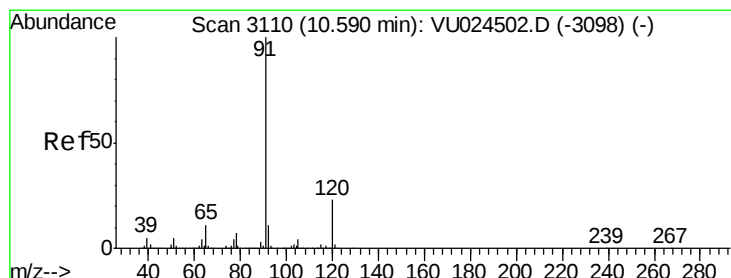
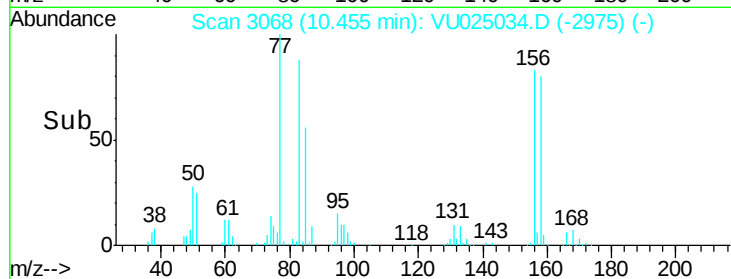
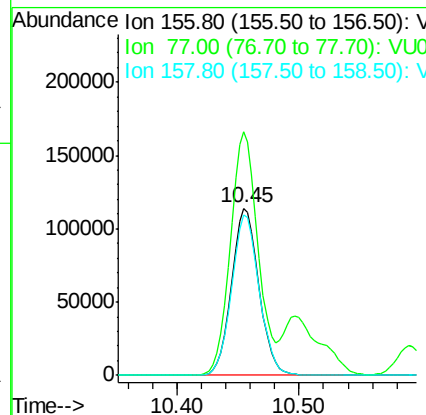
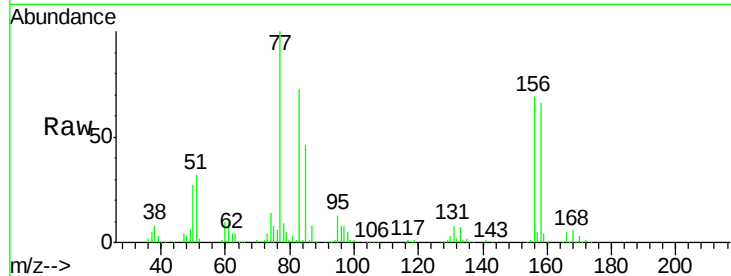
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	178985
Ion Ratio	Lower	Upper	
156	100		
77	146.8	80.5	241.3
158	96.8	48.2	144.6

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#78

n-propylbenzene

Concen: 50.89 ug/l

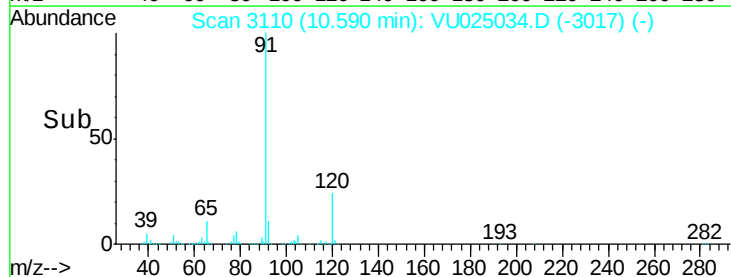
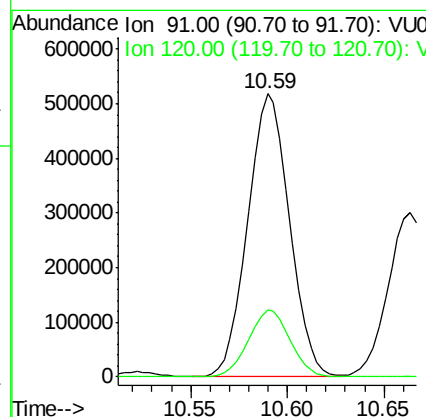
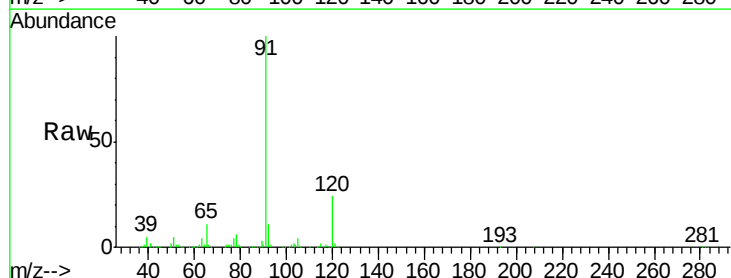
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	91	Resp:	776979
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.98 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 468008

Ion Ratio Lower Upper

91 100

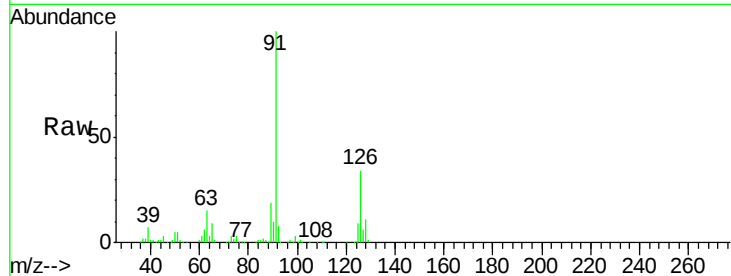
126 34.8 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

600000

500000

400000

300000

200000

100000

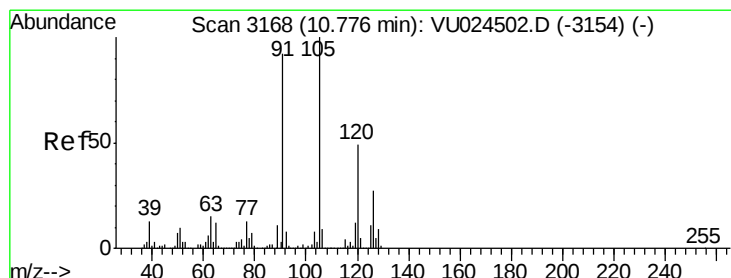
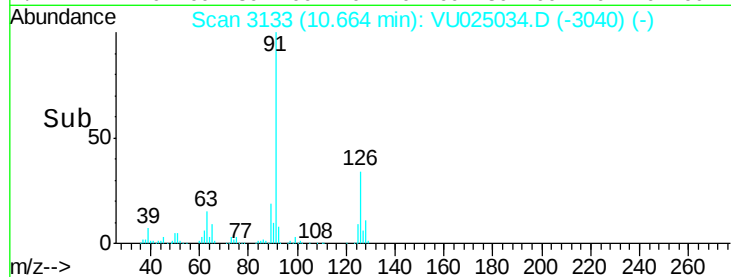
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.77 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025034.D

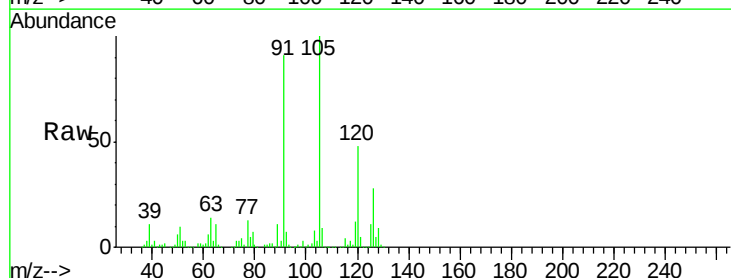
Acq: 28 Jun 2018 20:44

Tgt Ion:105 Resp: 592890

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

400000

300000

200000

100000

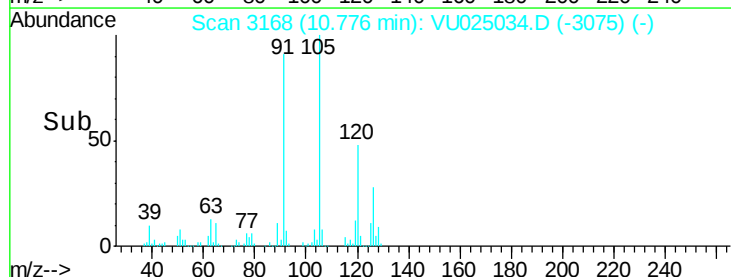
0

10.70

10.80

10.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.24 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

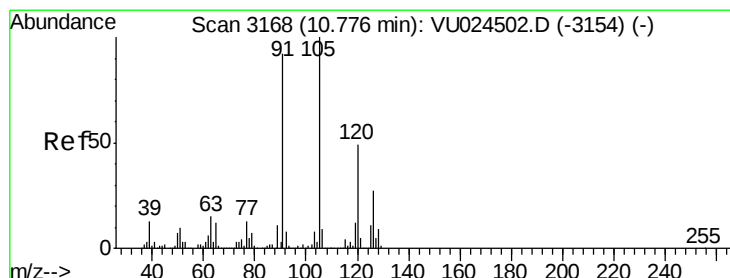
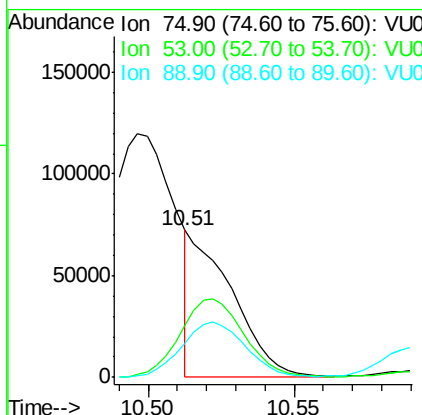
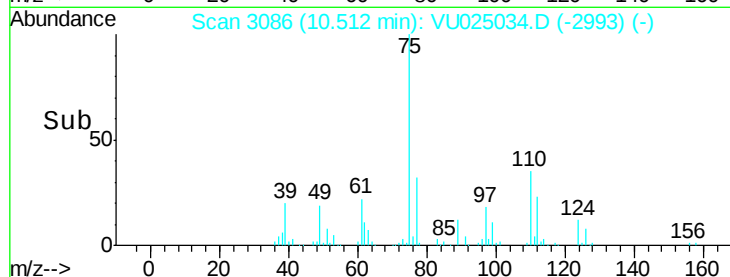
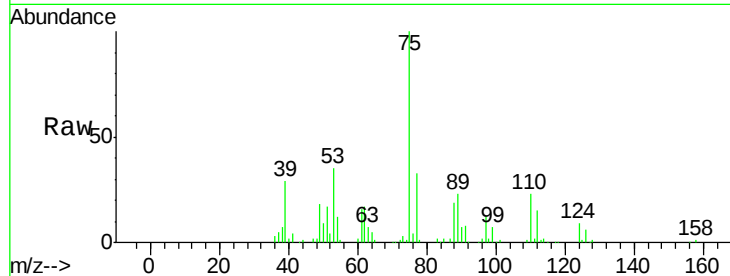
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.68 ug/l

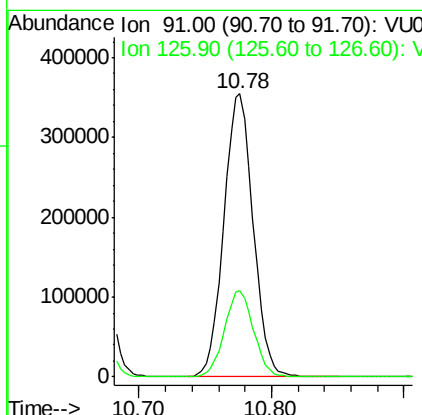
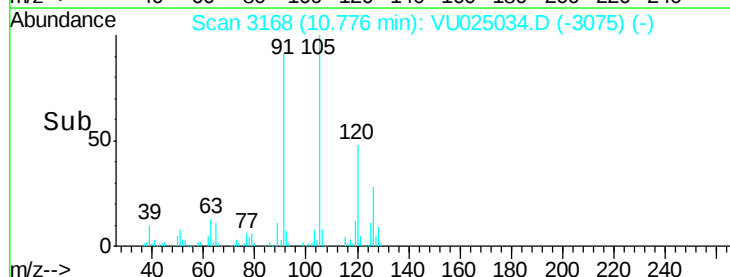
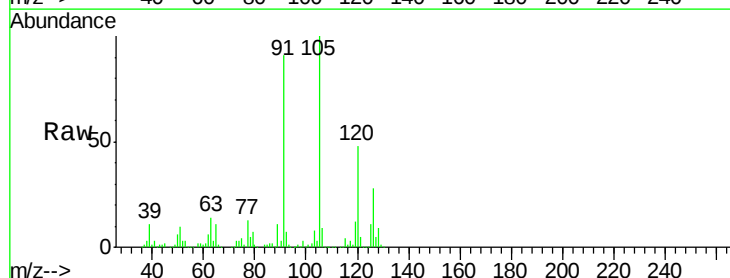
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





#83

tert-Butylbenzene

Concen: 54.02 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

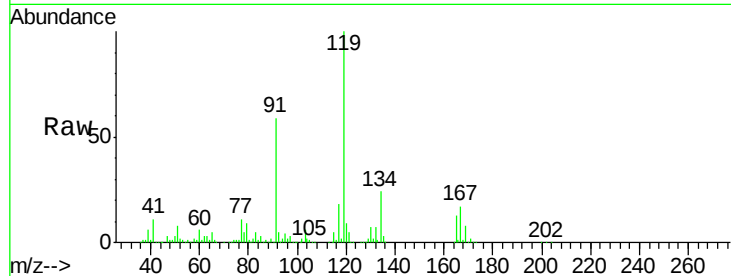
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	583774
Ion Ratio	Lower	Upper	
119	100		
91	59.4	29.7	89.1
134	23.5	11.6	34.7

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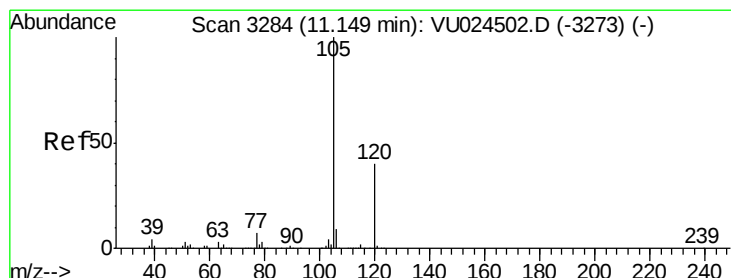
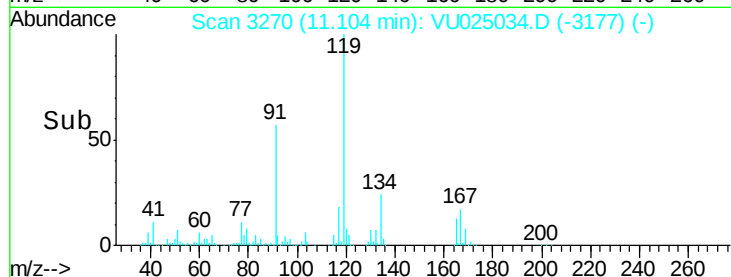
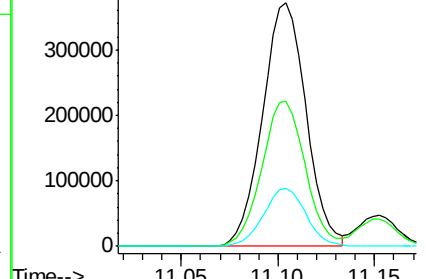
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.61 ug/l

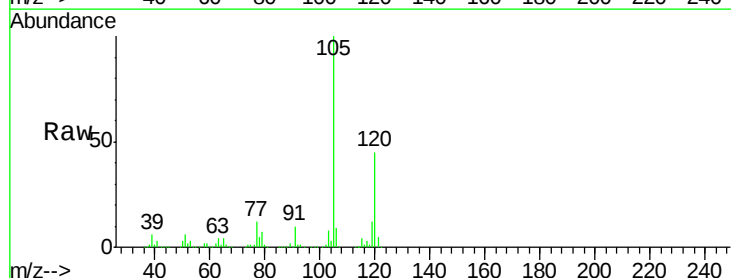
RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025034.D

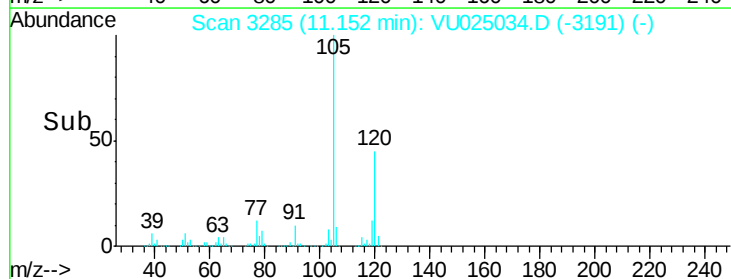
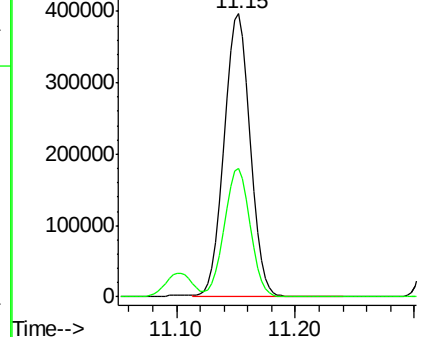
Acq: 28 Jun 2018 20:44

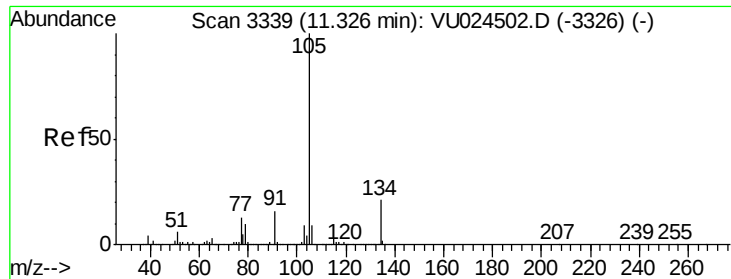
Tgt Ion:	105	Resp:	602309
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.30 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 707483

Ion Ratio Lower Upper

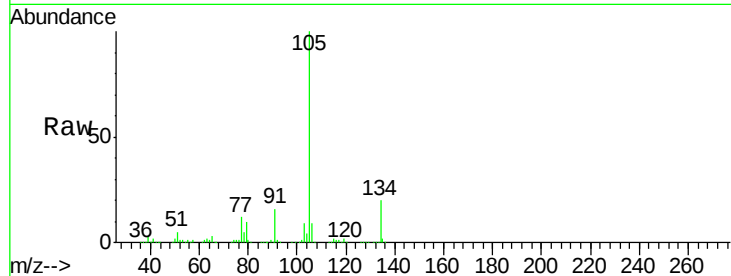
105 100

134 20.4 9.7 29.1

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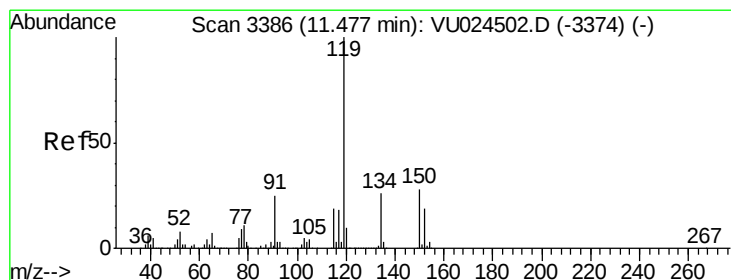
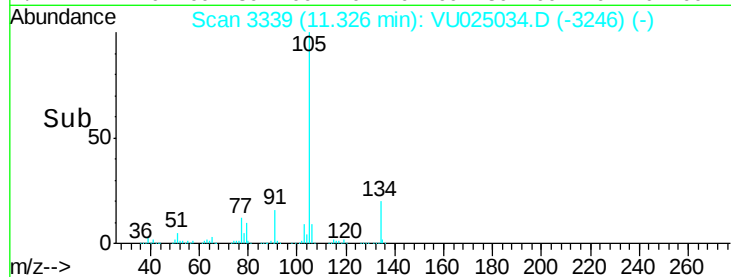
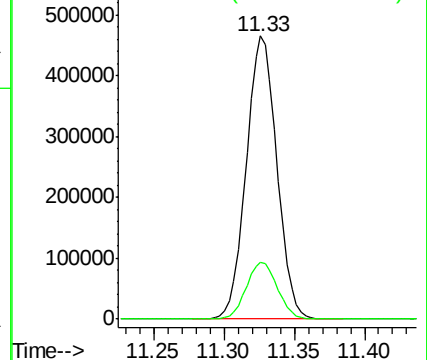
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.37 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

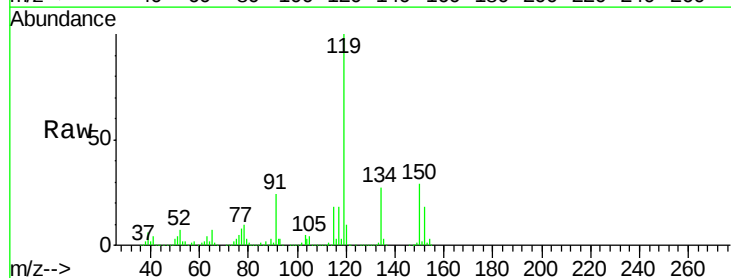
Tgt Ion:119 Resp: 622389

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

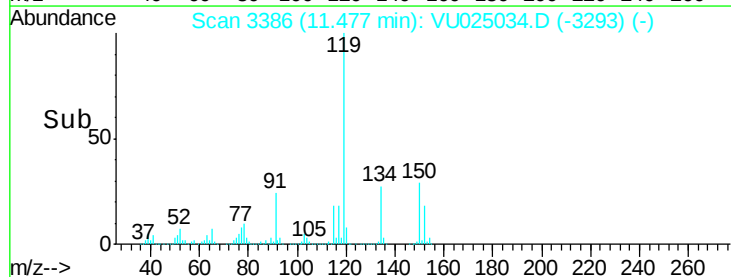
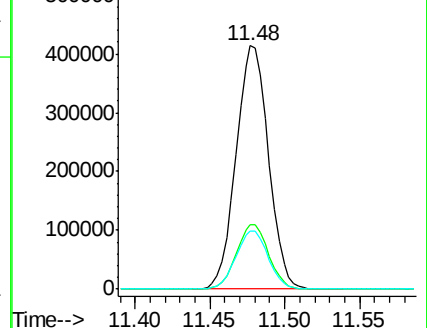
91 23.9 12.0 36.1



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





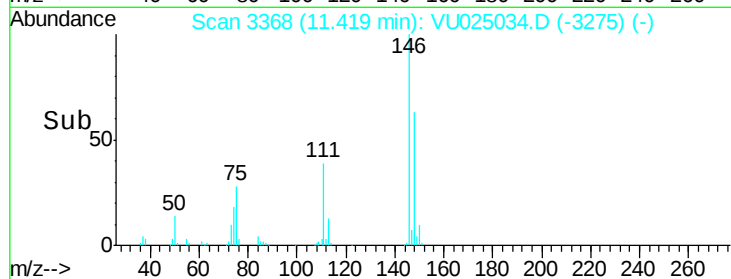
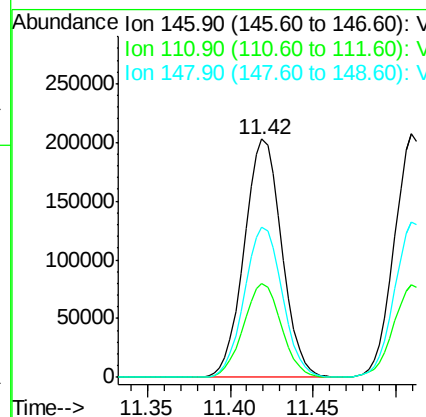
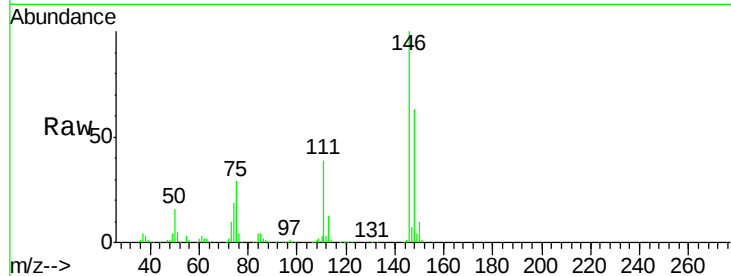
#87
 1,3-Dichlorobenzene
 Concen: 52.55 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.1	32.1	96.5

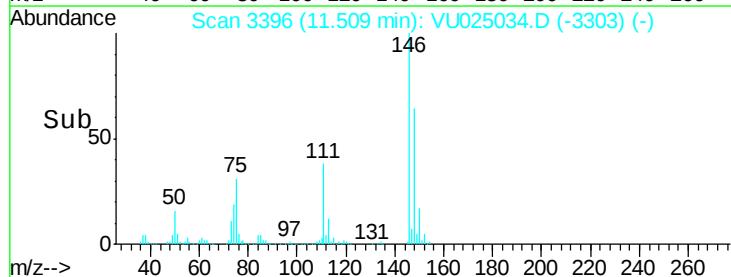
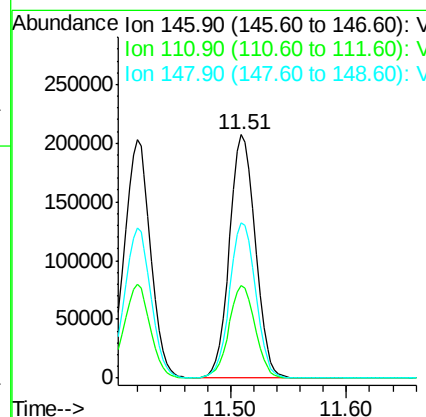
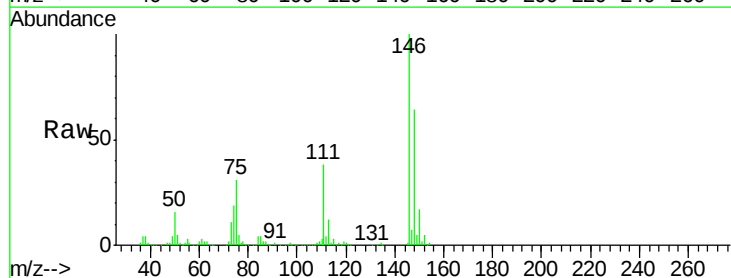
Manual Integrations
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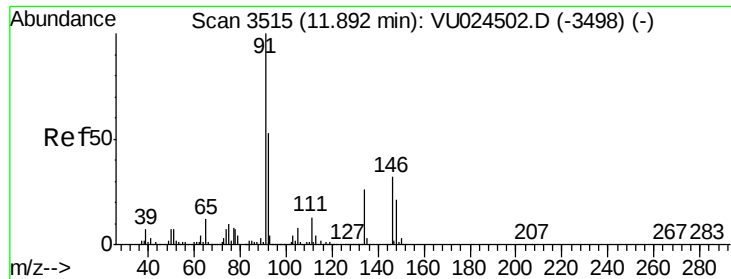
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#88
 1,4-Dichlorobenzene
 Concen: 52.59 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.9	32.4	97.0





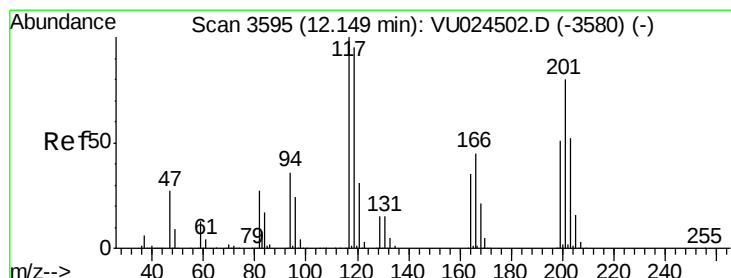
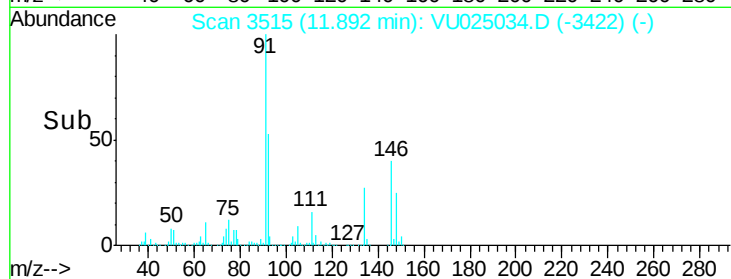
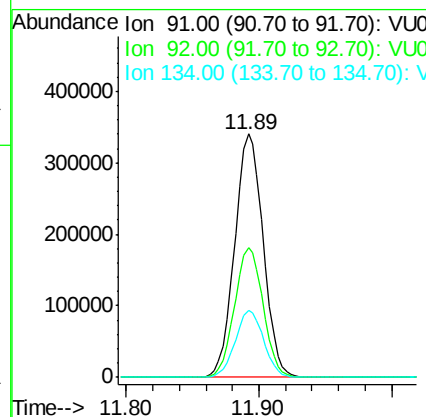
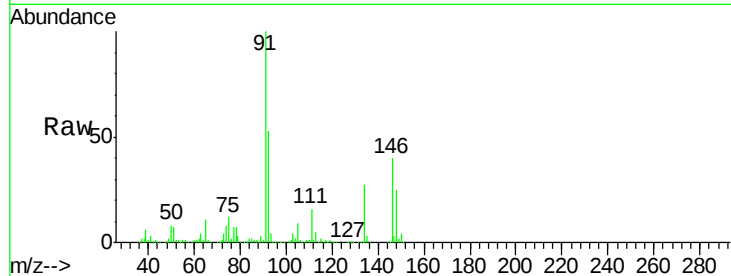
#89
n-Butylbenzene
Concen: 47.19 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.6	76.8
134	27.2	12.3	36.8

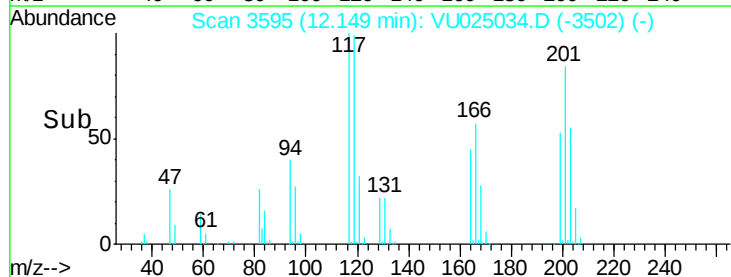
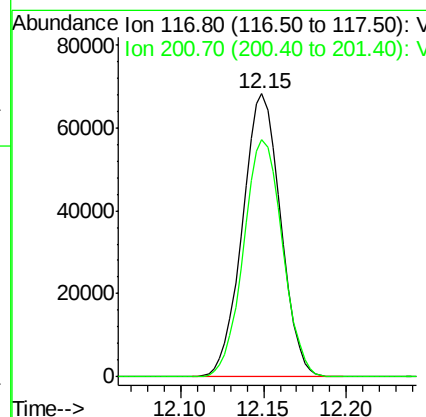
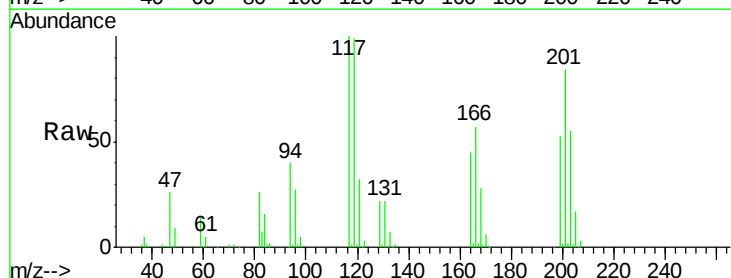
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#90
Hexachloroethane
Concen: 46.09 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025034.D
Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	41.1	123.3





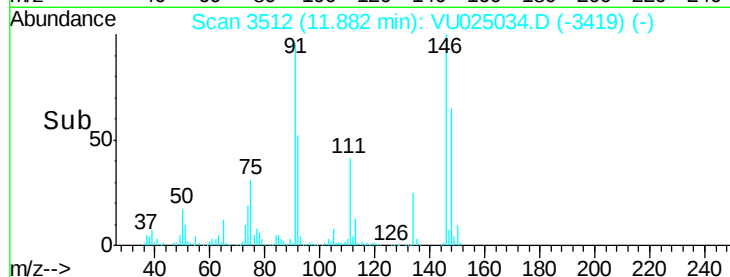
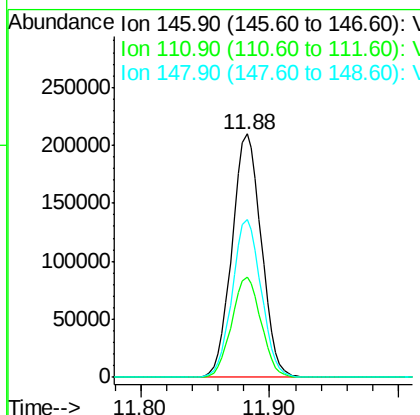
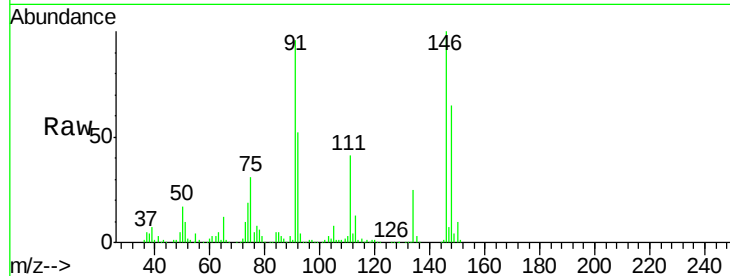
#91
 1,2-Dichlorobenzene
 Concen: 54.51 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	330981		
111	41.3	20.5	61.6	
148	64.2	31.9	95.7	

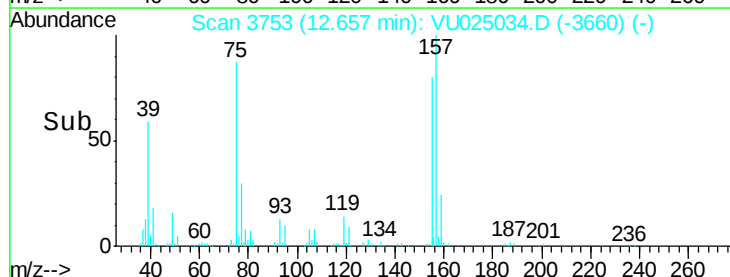
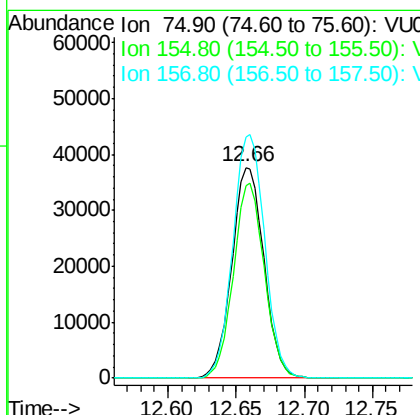
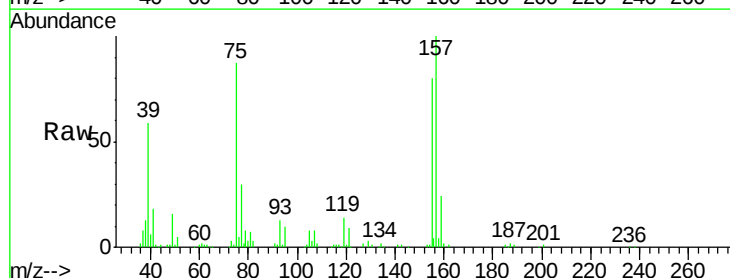
Manual Integrations
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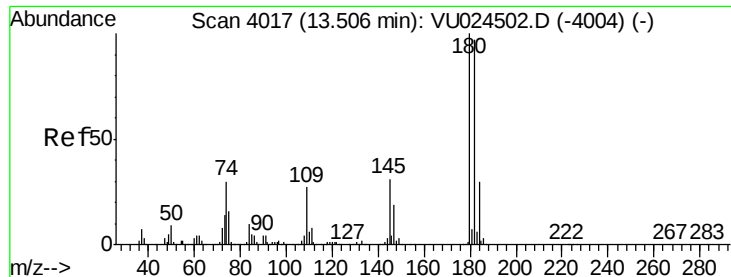
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.50 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61727		
155	88.6	40.4	121.2	
157	114.4	52.3	156.8	





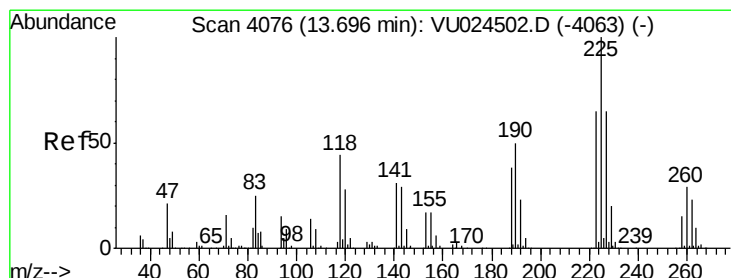
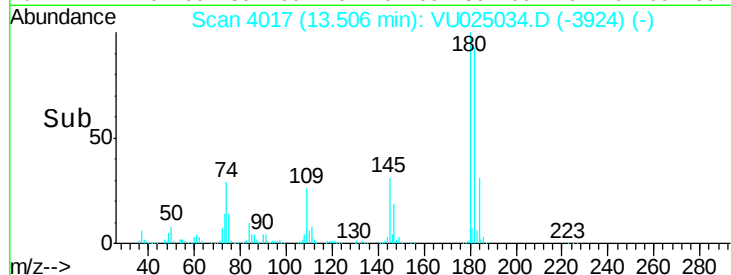
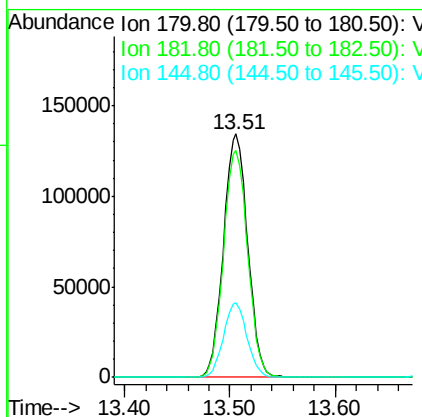
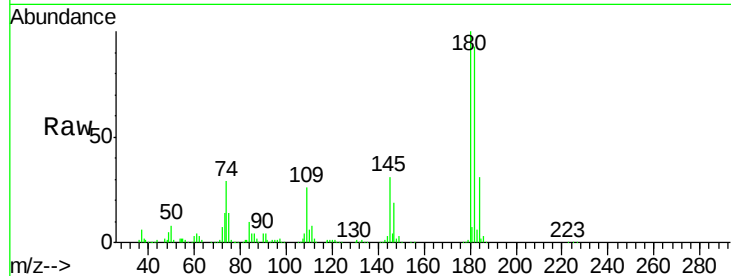
#93
 1,2,4-Trichlorobenzene
 Concen: 57.02 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213806		
182	93.0	48.0	144.2	
145	29.7	14.7	44.1	

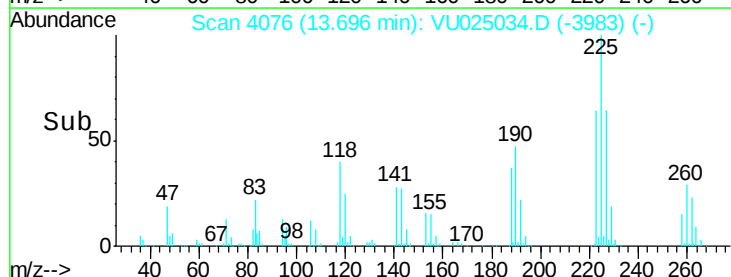
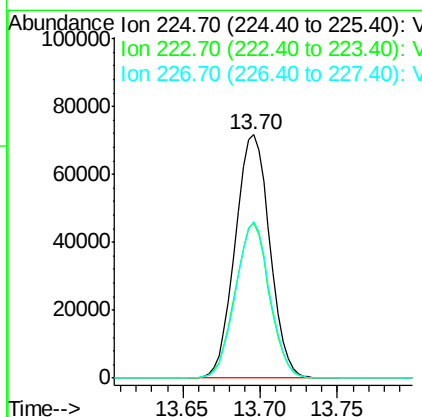
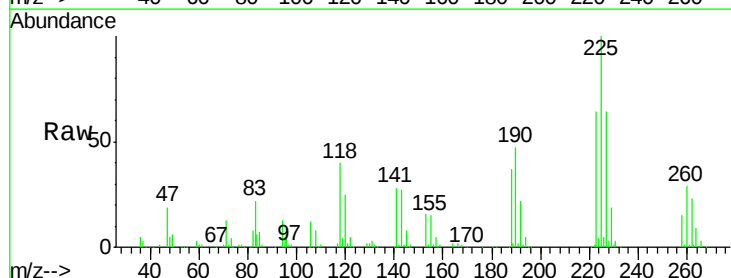
Manual Integrations
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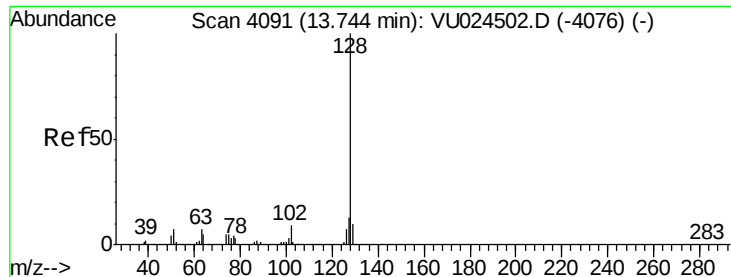
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#94
 Hexachlorobutadiene
 Concen: 52.69 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025034.D
 Acq: 28 Jun 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111207		
223	63.0	31.3	93.8	
227	63.2	31.8	95.4	





#95

Naphthalene

Concen: 58.53 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Instrument :

MSVOA_U

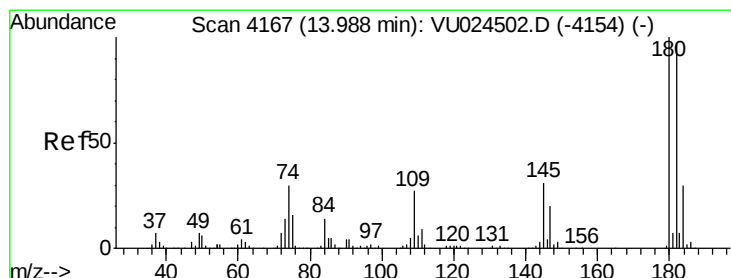
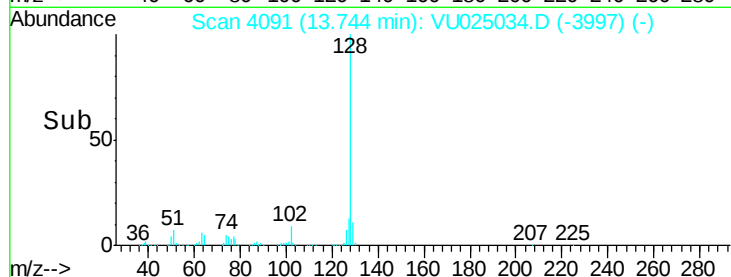
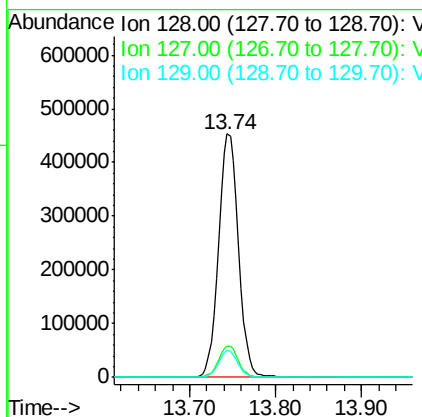
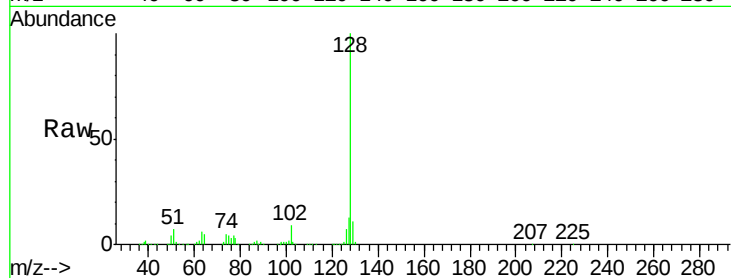
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	728007
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 59.54 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025034.D

Acq: 28 Jun 2018 20:44

Tgt Ion:	180	Resp:	222461
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.9	143.7
145	32.4	15.4	46.1

