

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025230.D
 Acq On : 05 Jul 2018 21:07
 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

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 7/6/2018 4:22:12 PM

Quant Time: Jul 06 07:17:18 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	169691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	257296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	116076	41.90	ug/l	0.00
Spiked Amount			Recovery	=	83.80%	
35) Dibromofluoromethane	4.89	113	98153	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	7.57	98	300160	38.54	ug/l	0.00
Spiked Amount			Recovery	=	77.08%	
62) 4-Bromofluorobenzene	10.31	95	136043	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85441	40.227	ug/l	98
3) Chloromethane	1.33	50	96487	44.465	ug/l	99
4) Vinyl Chloride	1.40	62	101282	45.258	ug/l	97
5) Bromomethane	1.61	94	58640	54.205	ug/l	100
6) Chloroethane	1.69	64	66751	53.452	ug/l	98
7) Trichlorofluoromethane	1.88	101	168224	49.258	ug/l	97
8) Diethyl Ether	2.10	74	62985	54.357	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.28	101	101486	47.899	ug/l	97
10) Methyl Iodide	2.41	142	114079	62.180	ug/l	97
11) Tert butyl alcohol	2.83	59	192509	285.729	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94453	48.884	ug/l	94
13) Acrolein	2.19	56	25136	71.045	ug/l	95
14) Allyl chloride	2.59	41	161639	45.055	ug/l	99
15) Acrylonitrile	2.93	53	363982	277.668	ug/l	99
16) Acetone	2.32	43	351952	236.456	ug/l	98
17) Carbon Disulfide	2.47	76	250587	40.503	ug/l	100
18) Methyl Acetate	2.62	43	229875	72.040	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	386342	53.193	ug/l	95
20) Methylene Chloride	2.70	84	117498	50.310	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	103557	48.662	ug/l	99
22) Diisopropyl ether	3.57	45	368910	51.873	ug/l	97
23) Vinyl Acetate	3.53	43	1546985	242.829	ug/l	99
24) 1,1-Dichloroethane	3.45	63	211794	51.768	ug/l	99
25) 2-Butanone	4.26	43	534610	267.396	ug/l	97
26) 2,2-Dichloropropane	4.23	77	160051	41.199	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	132148	54.013	ug/l	97
28) Bromochloromethane	4.55	49	78827	43.743	ug/l	88
29) Tetrahydrofuran	4.63	42	334810	270.419	ug/l	96
30) Chloroform	4.68	83	220439	53.234	ug/l	99
31) Cyclohexane	5.00	56	180013	49.529	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	199165	52.011	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153197	50.670	ug/l	98
37) Ethyl Acetate	4.38	43	185549	56.307	ug/l	98
38) Carbon Tetrachloride	5.14	117	175294	52.724	ug/l	96

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 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)
39) Methylcyclohexane	6.42	83	185900	49.271	ug/l	93
40) Benzene	5.39	78	454797	52.791	ug/l	100
41) Methacrylonitrile	4.54	41	106983	60.214	ug/l	99
42) 1,2-Dichloroethane	5.41	62	187851	57.251	ug/l	99
43) Isopropyl Acetate	5.55	43	302120	53.040	ug/l	99
44) Trichloroethene	6.19	130	133810	54.575	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123225	53.606	ug/l	98
46) Dibromomethane	6.56	93	88488	54.803	ug/l	94
47) Bromodichloromethane	6.76	83	171769	53.424	ug/l	99
48) Methyl methacrylate	6.63	41	153779	55.443	ug/l	99
49) 1,4-Dioxane	6.62	88	76237	1405.485	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1017395	284.301	ug/l	98
52) Toluene	7.64	92	293307	52.918	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	181873	50.370	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	190586	49.536	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	122616	54.423	ug/l	98
56) Ethyl methacrylate	8.02	69	197459	52.363	ug/l	99
57) 1,3-Dichloropropane	8.25	76	209422	55.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	394668	273.186	ug/l	95
59) 2-Hexanone	8.36	43	819974	280.662	ug/l	99
60) Dibromochloromethane	8.48	129	142910	50.866	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137307	54.755	ug/l	100
64) Tetrachloroethene	8.23	164	116058	50.203	ug/l	97
65) Chlorobenzene	9.12	112	338963	54.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	128815	54.572	ug/l	97
67) Ethyl Benzene	9.25	91	585521	53.757	ug/l	98
68) m/p-Xylenes	9.38	106	452588	108.209	ug/l	98
69) o-Xylene	9.78	106	227744	55.020	ug/l	95
70) Styrene	9.80	104	365798	53.776	ug/l	99
71) Bromoform	9.96	173	111435	49.668	ug/l #	100
73) Isopropylbenzene	10.17	105	608068	52.861	ug/l	99
74) N-amyl acetate	10.01	43	270566	49.450	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	215549	55.918	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	194883m	59.079	ug/l	
77) Bromobenzene	10.45	156	160804	55.218	ug/l	92
78) n-propylbenzene	10.59	91	684514	50.515	ug/l	96
79) 2-Chlorotoluene	10.66	91	420579	52.631	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	526469	52.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	68870m	48.321	ug/l	
82) 4-Chlorotoluene	10.78	91	481684	51.790	ug/l	99
83) tert-Butylbenzene	11.10	119	525999	54.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	534769	52.631	ug/l	100
85) sec-Butylbenzene	11.33	105	624285	52.002	ug/l	97
86) p-Isopropyltoluene	11.48	119	551143	51.260	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	285927	53.144	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	286278	52.865	ug/l	99
89) n-Butylbenzene	11.89	91	445361	46.656	ug/l	96
90) Hexachloroethane	12.15	117	96641	46.076	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	295694	54.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57925	54.459	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	186094	55.920	ug/l	99
94) Hexachlorobutadiene	13.70	225	96926	51.747	ug/l	99
95) Naphthalene	13.74	128	636961	57.711	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	198892	59.980	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 169691

Ion Ratio Lower Upper

168 100

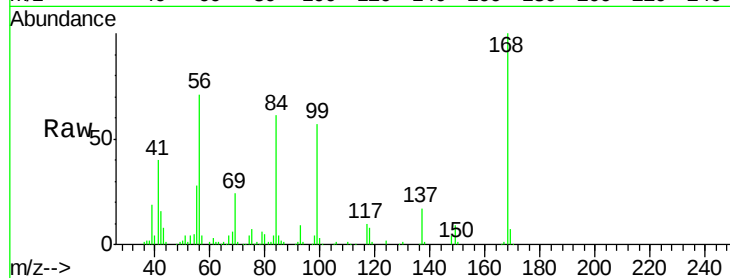
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Manual Integrations

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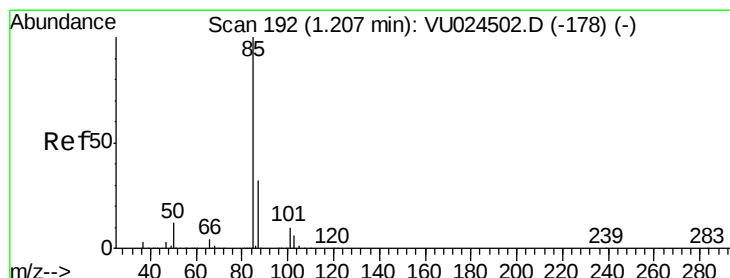
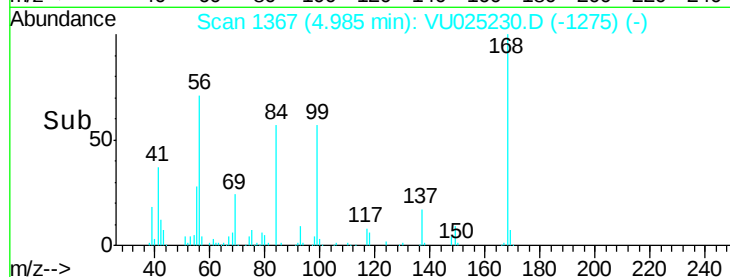
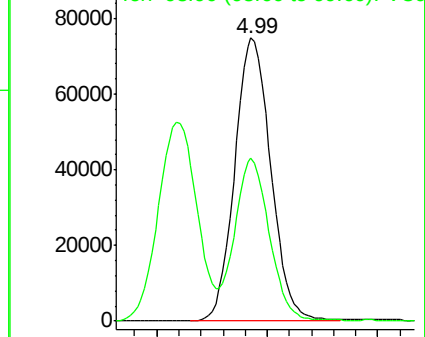
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 40.227 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025230.D

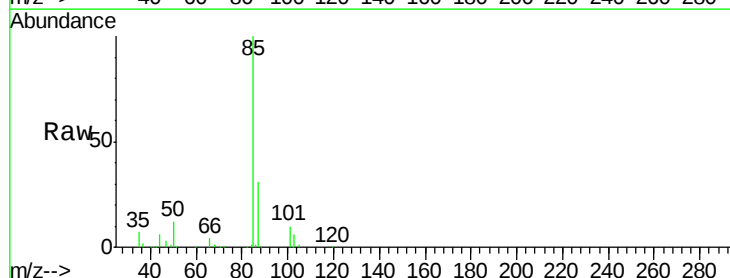
Acq: 05 Jul 2018 21:07

Tgt Ion: 85 Resp: 85441

Ion Ratio Lower Upper

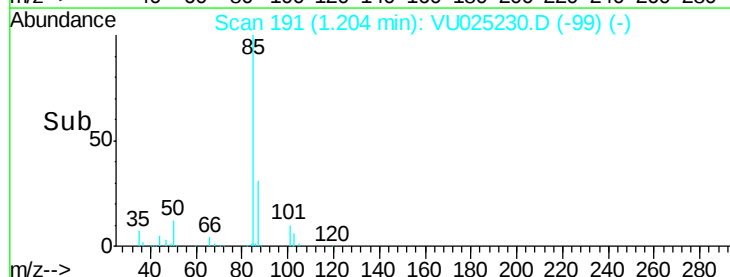
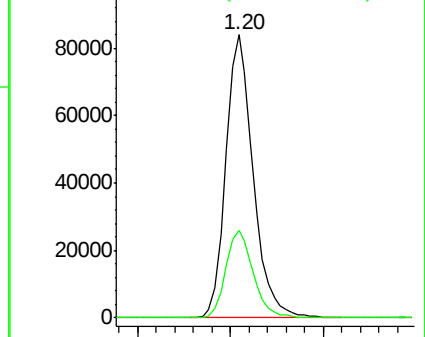
85 100

87 31.1 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: 44.465 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96487

Ion Ratio Lower Upper

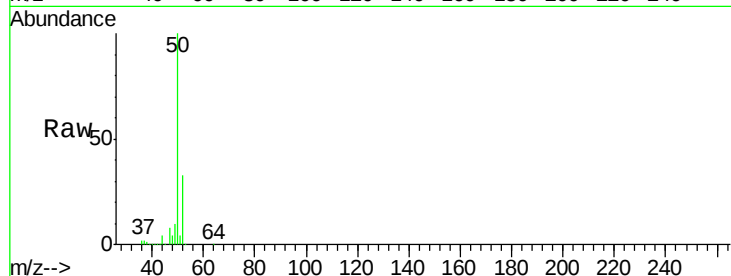
50 100

52 32.6 26.4 39.6

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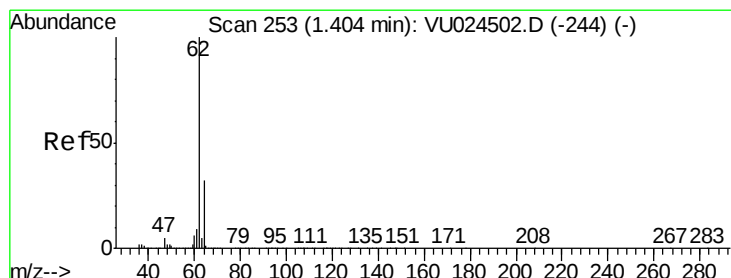
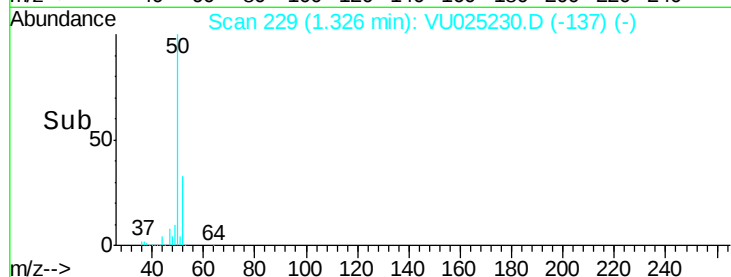
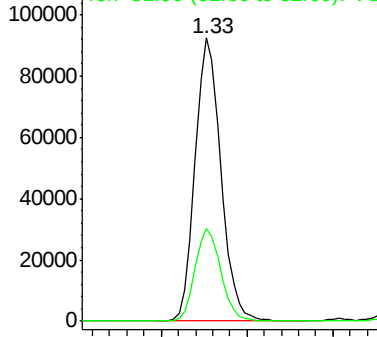
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 45.258 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025230.D

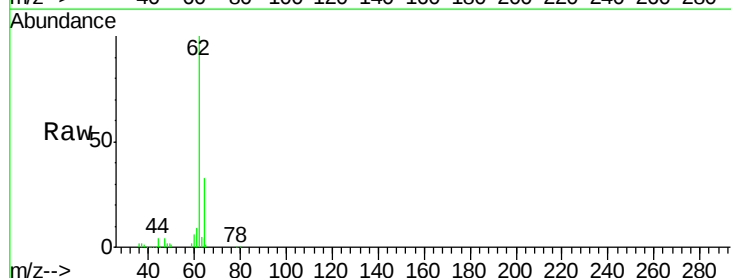
Acq: 05 Jul 2018 21:07

Tgt Ion: 62 Resp: 101282

Ion Ratio Lower Upper

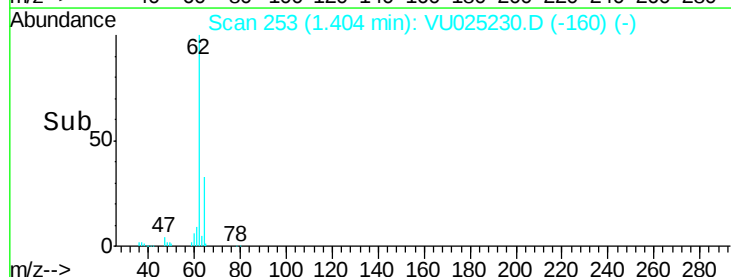
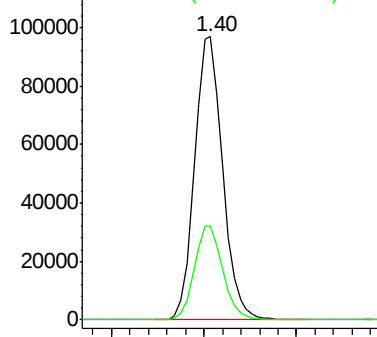
62 100

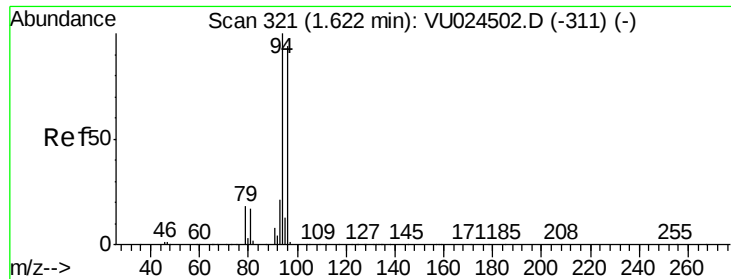
64 32.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 54.205 ug/l

RT: 1.61 min Scan# 317

Delta R.T. -0.01 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 58640

Ion Ratio Lower Upper

94 100

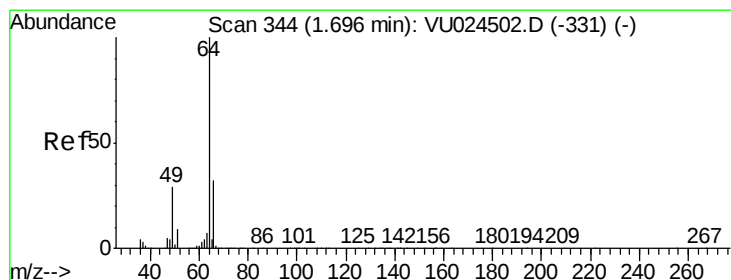
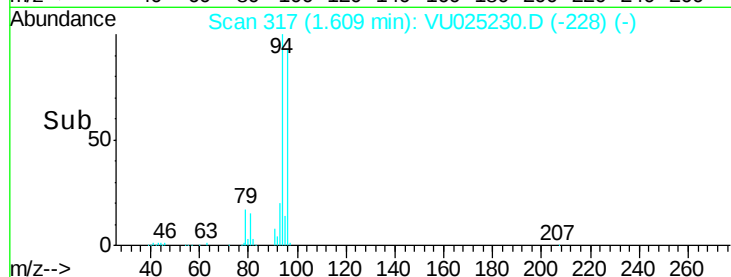
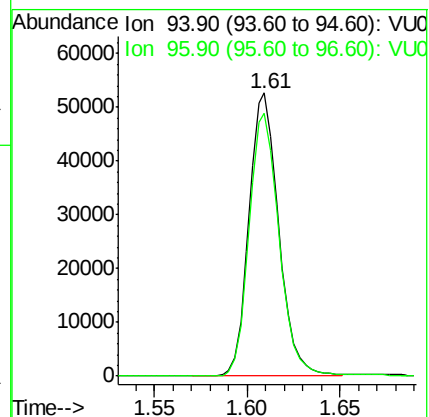
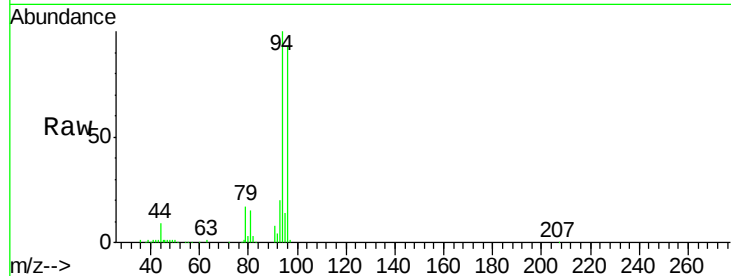
96 93.0 74.5 111.7

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#6

Chloroethane

Concen: 53.452 ug/l

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU025230.D

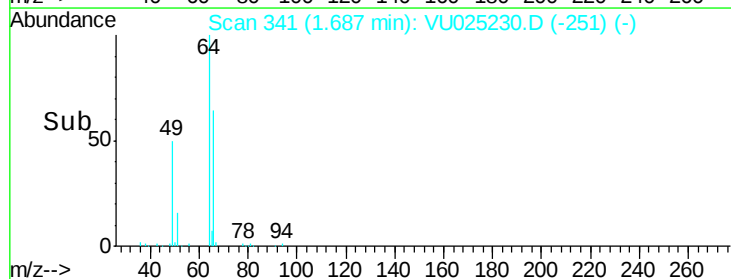
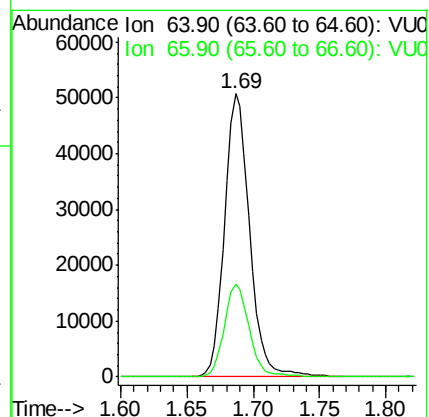
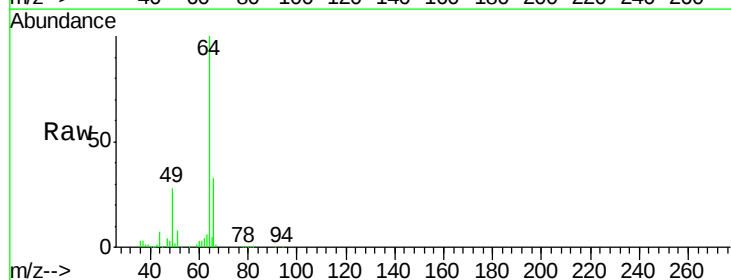
Acq: 05 Jul 2018 21:07

Tgt Ion: 64 Resp: 66751

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

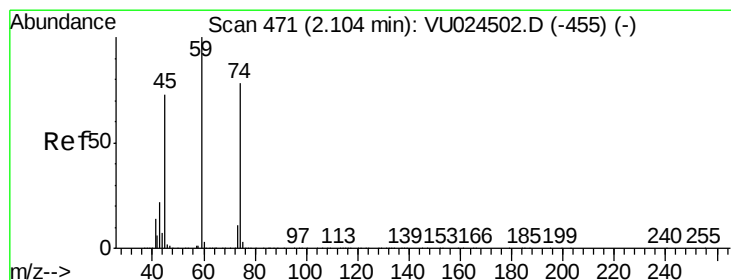
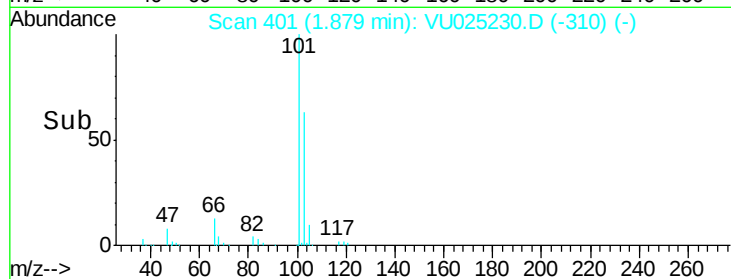
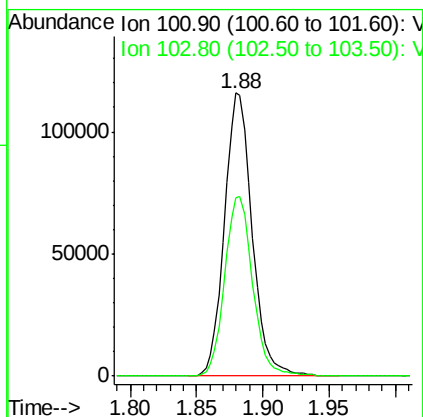
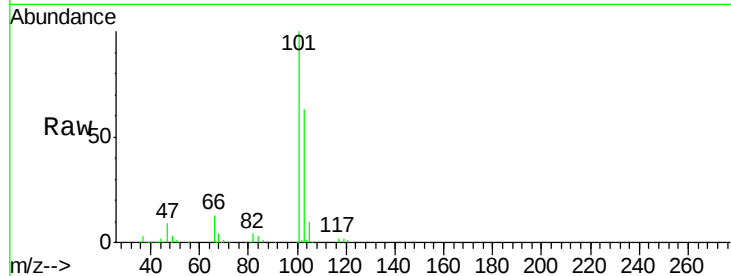
Trichlorofluoromethane
Concen: 49.258 ug/l
RT: 1.88 min Scan# 401
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.3	78.5

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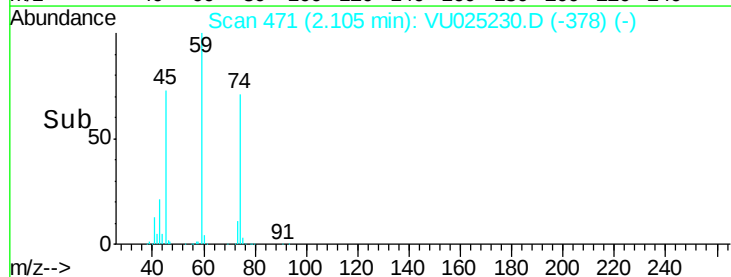
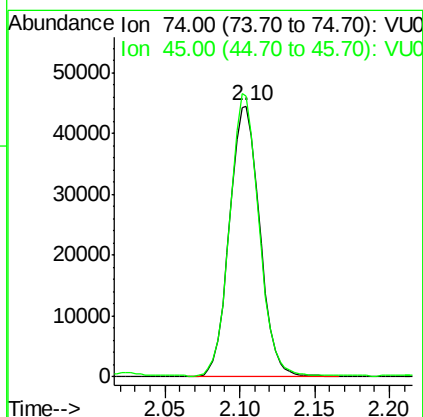
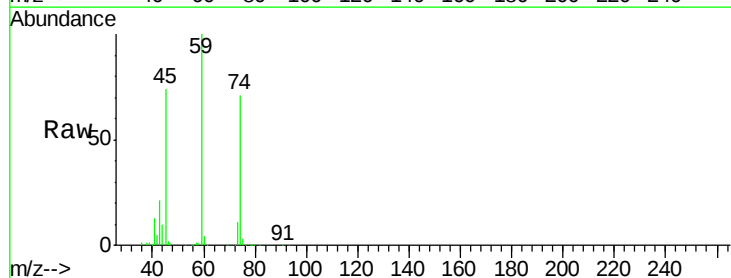
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#8

Diethyl Ether
Concen: 54.357 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.899 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

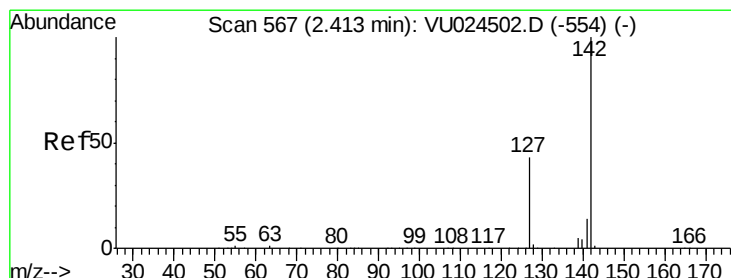
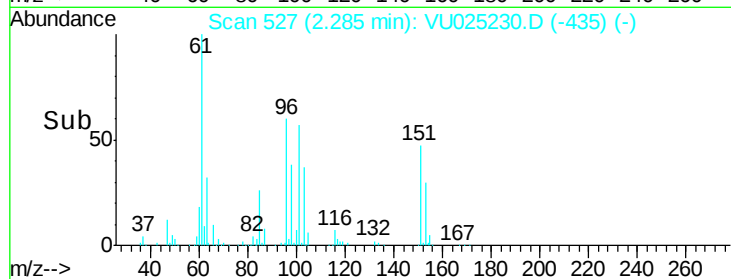
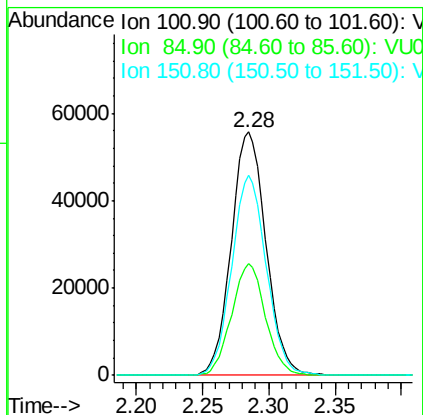
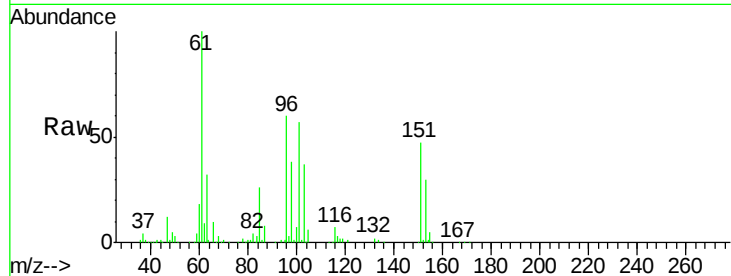
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	101486
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	81.8	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 62.180 ug/l

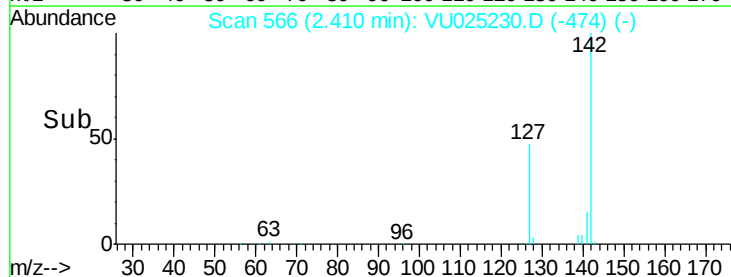
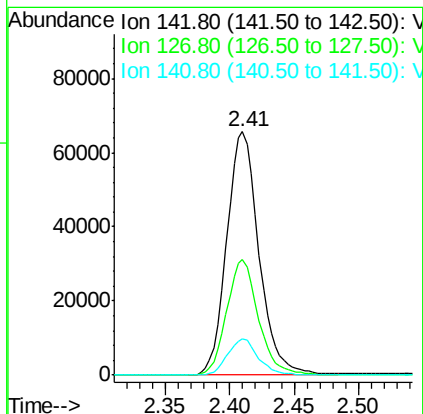
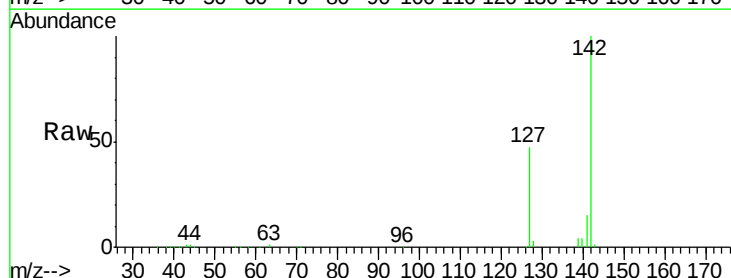
RT: 2.41 min Scan# 566

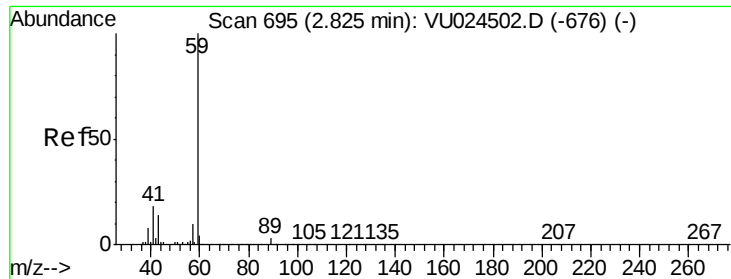
Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	142	Resp:	114079
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.6	53.4
141	14.2	11.7	17.5





#11

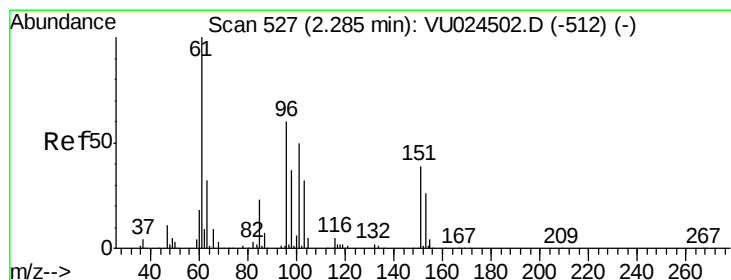
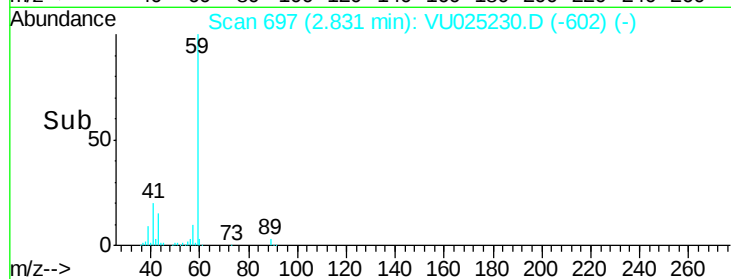
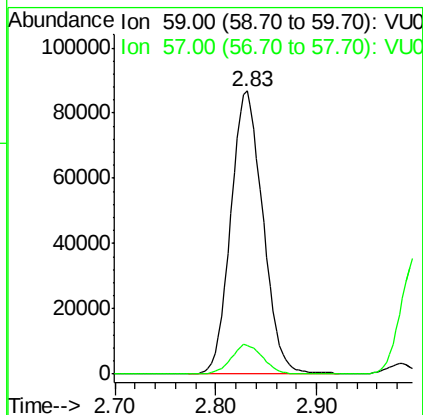
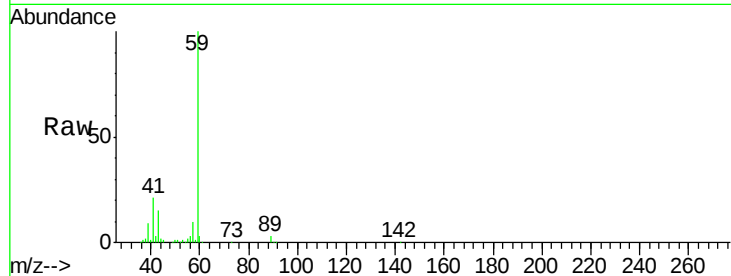
Tert butyl alcohol
Concen: 285.729 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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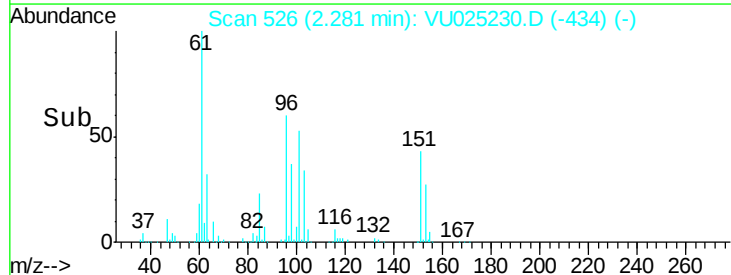
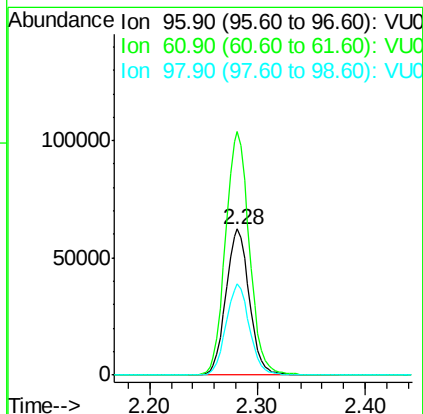
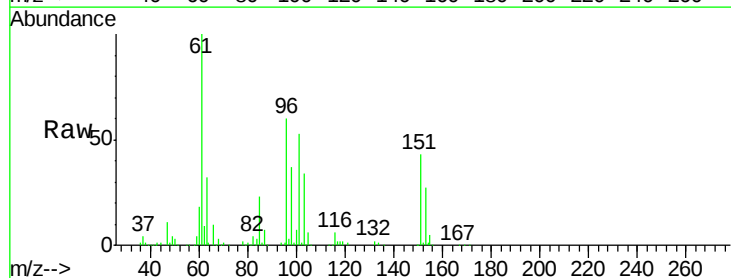
sam
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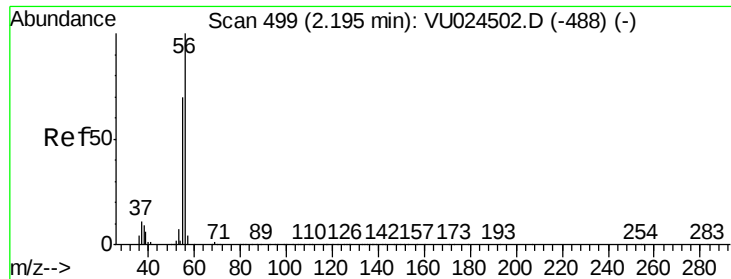


#12

1,1-Dichloroethene
Concen: 48.884 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	141.7	212.5
98	62.3	51.6	77.4





#13

Acrolein

Concen: 71.045 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 25136

Ion Ratio Lower Upper

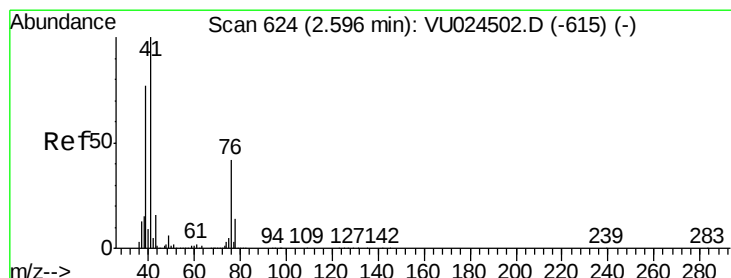
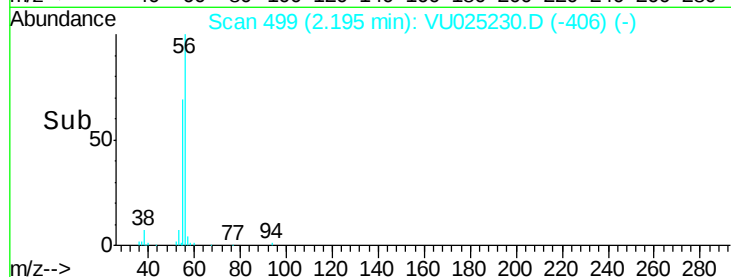
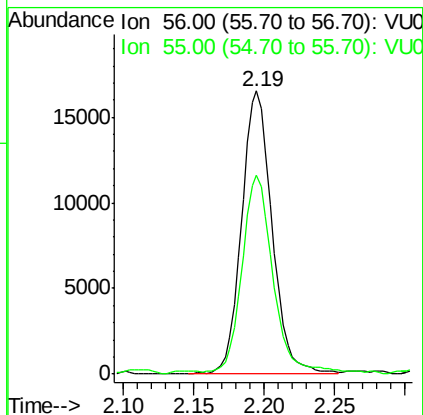
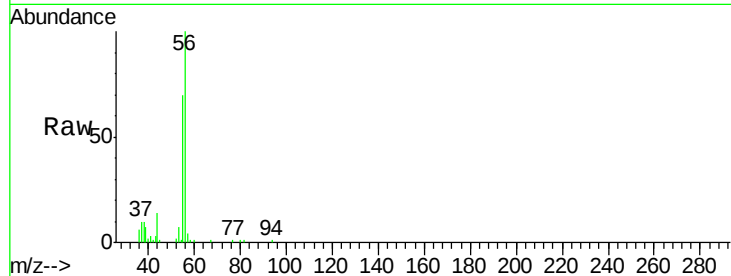
56 100

55 68.7 58.4 87.6

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#14

Allyl chloride

Concen: 45.055 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

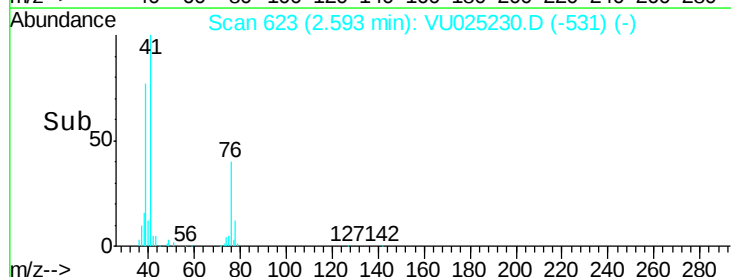
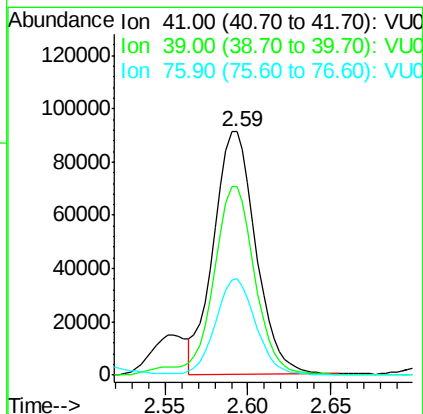
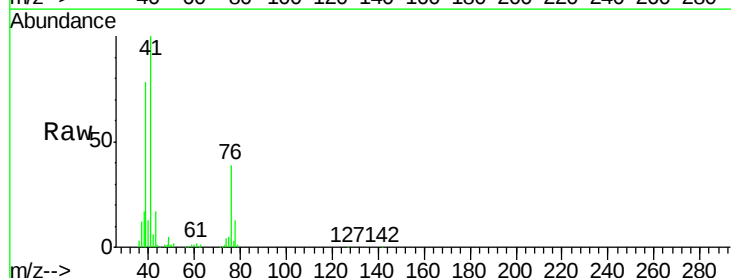
Tgt Ion: 41 Resp: 161639

Ion Ratio Lower Upper

41 100

39 77.4 61.6 92.4

76 38.0 29.7 44.5





#15

Acrylonitrile

Concen: 277.668 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

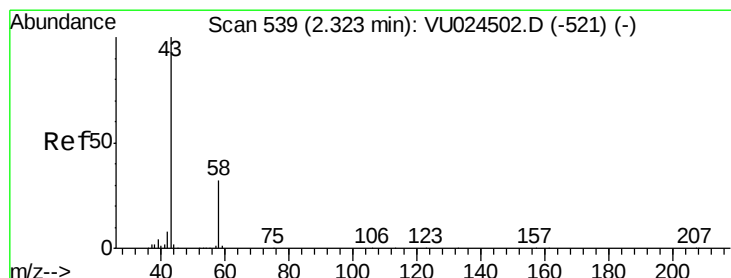
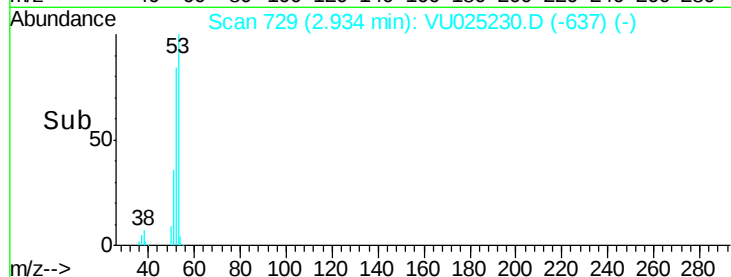
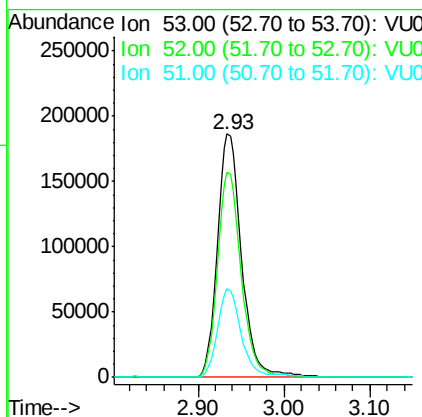
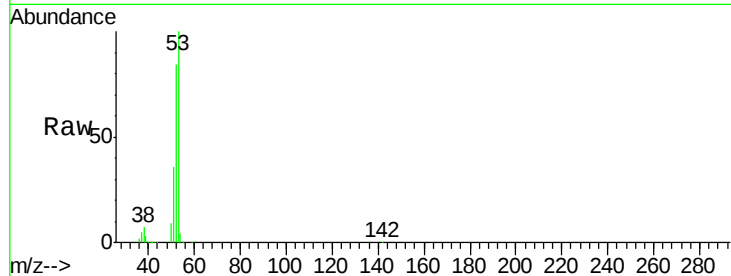
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	363982
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.1	100.7
51	35.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 236.456 ug/l

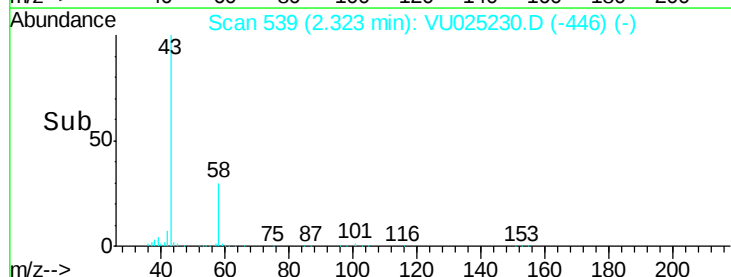
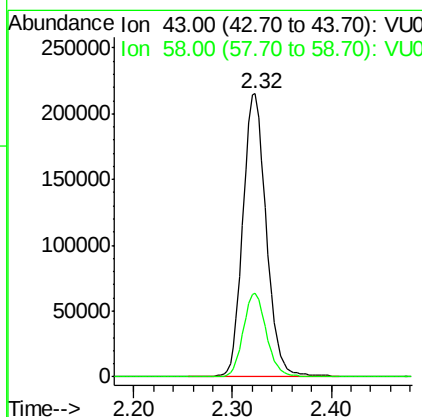
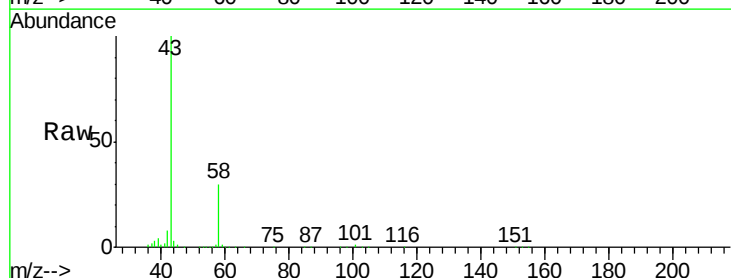
RT: 2.32 min Scan# 539

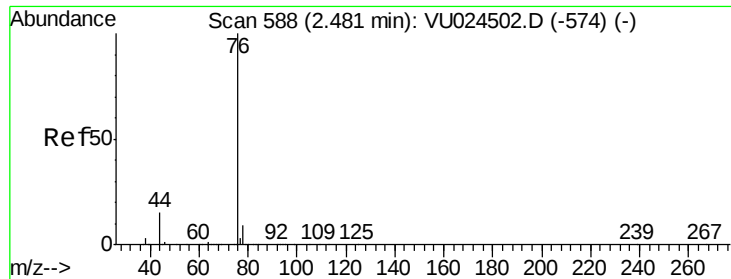
Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	43	Resp:	351952
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.4	36.6





#17

Carbon Disulfide

Concen: 40.503 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.01 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 250587

Ion Ratio Lower Upper

76 100

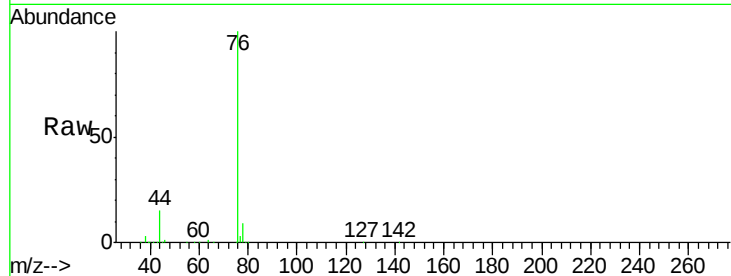
78 8.9 7.1 10.7

Manual Integrations

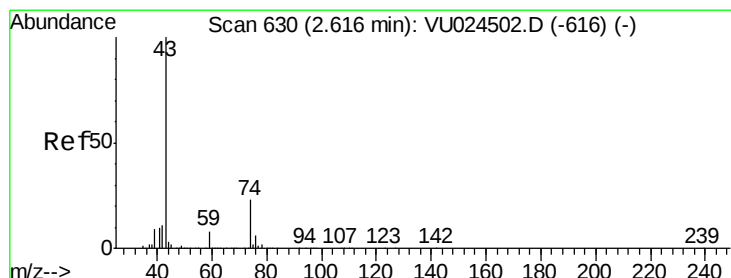
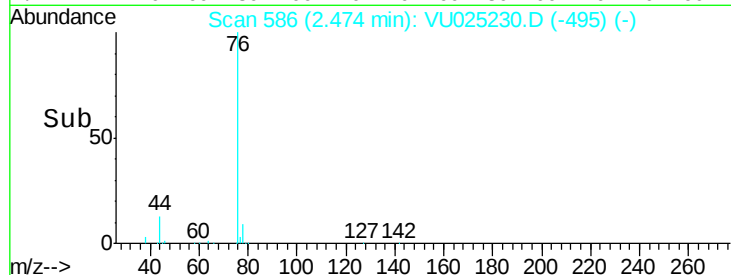
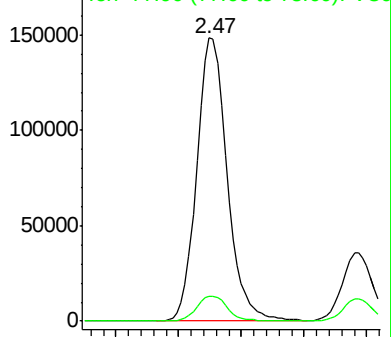
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Abundance Ion 75.90 (75.60 to 76.60): VU025230.D (-495) (-)



#18

Methyl Acetate

Concen: 72.040 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025230.D

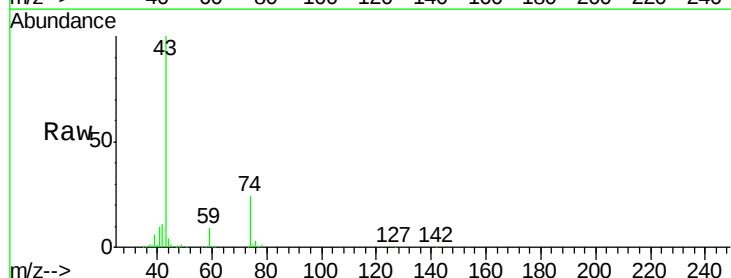
Acq: 05 Jul 2018 21:07

Tgt Ion: 43 Resp: 229875

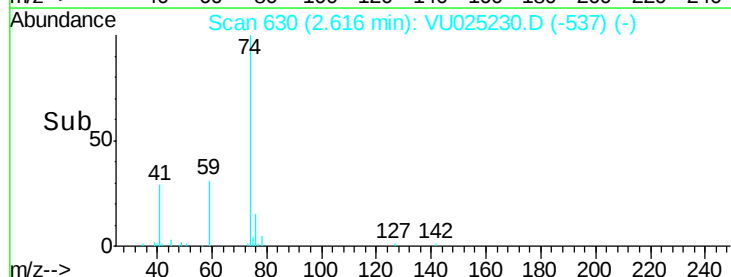
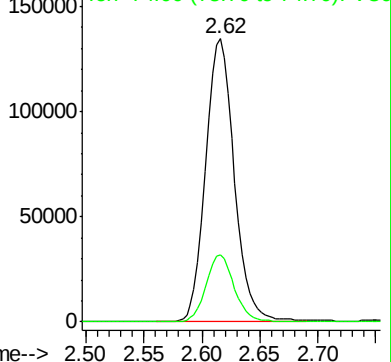
Ion Ratio Lower Upper

43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU025230.D (-537) (-)





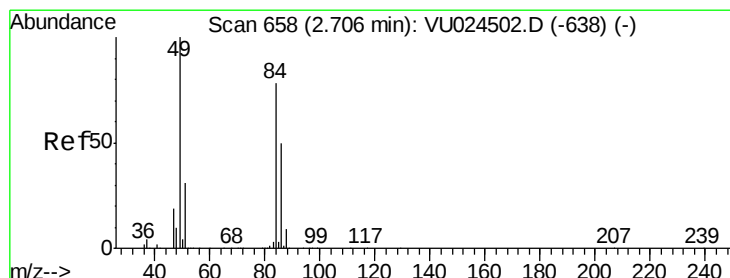
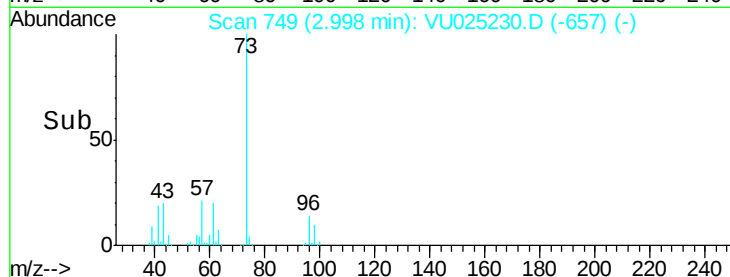
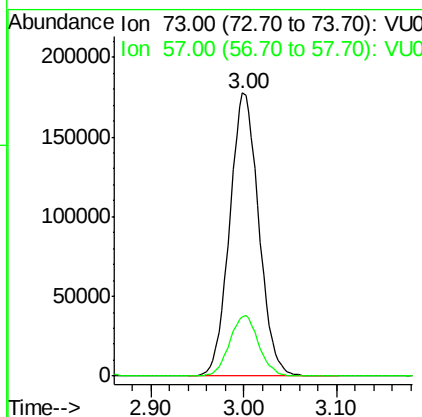
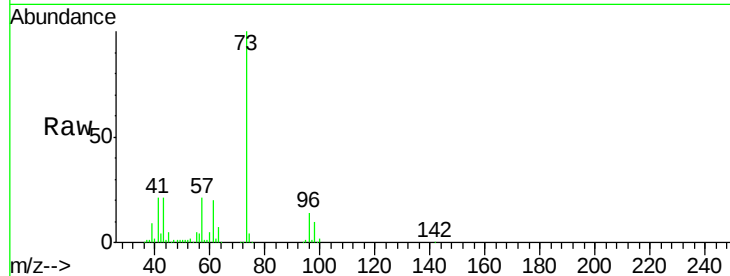
#19
Methyl tert-butyl Ether
Concen: 53.193 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 386342
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2

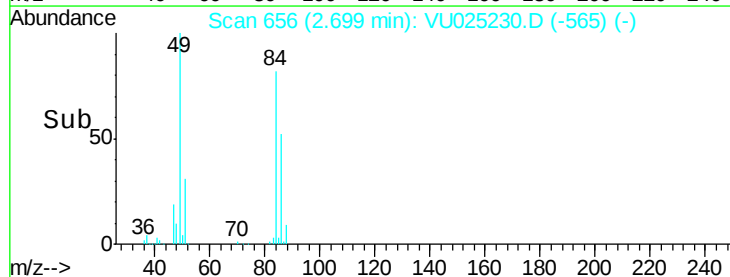
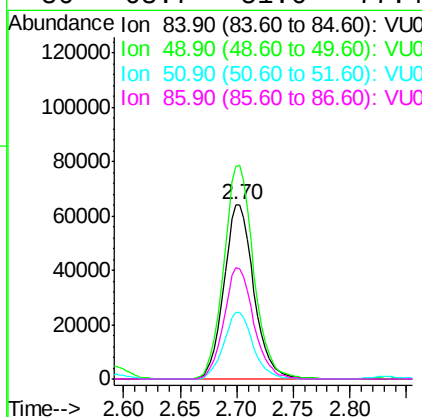
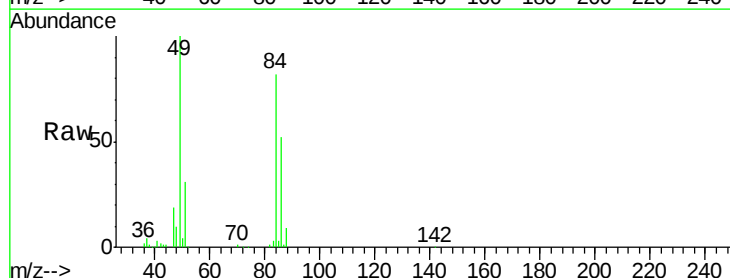
Manual Integrations
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#20
Methylene Chloride
Concen: 50.310 ug/l
RT: 2.70 min Scan# 656
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 84 Resp: 117498
Ion Ratio Lower Upper
84 100
49 122.2 103.8 155.8
51 38.0 32.0 48.0
86 63.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.662 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

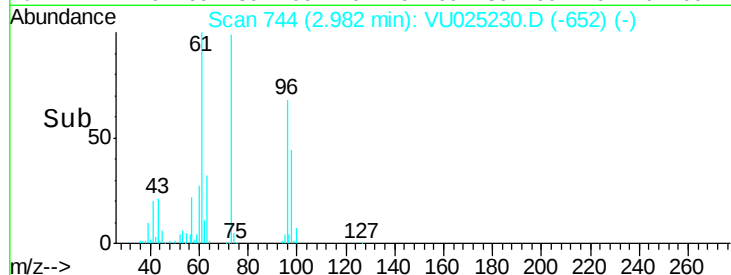
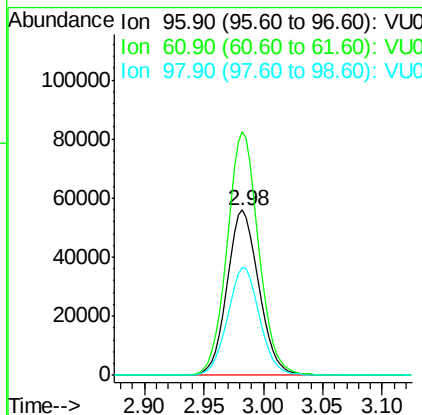
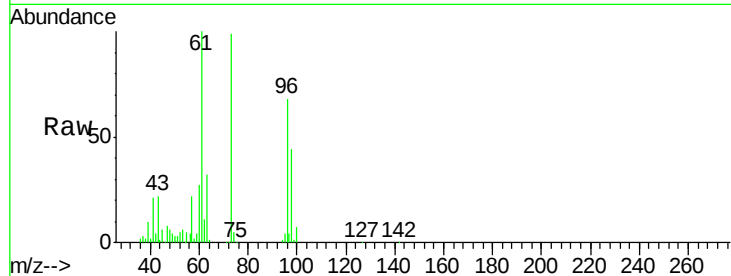
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	103557
Ion	Ratio	Lower	Upper
96	100		
61	147.6	119.4	179.0
98	65.3	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.873 ug/l

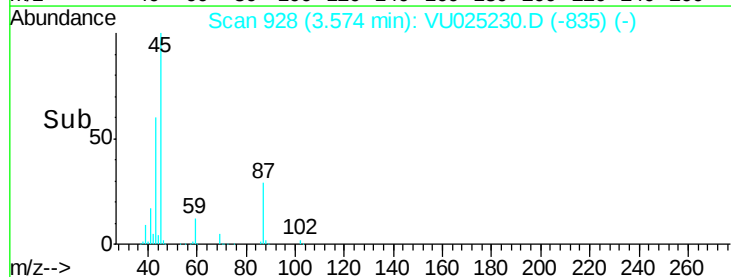
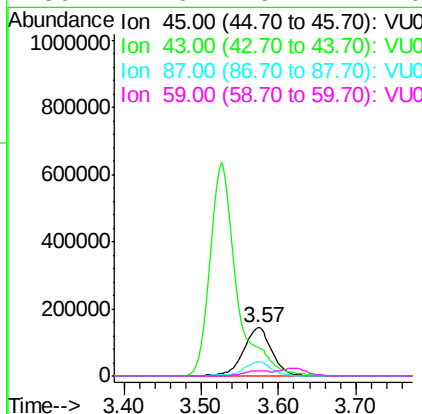
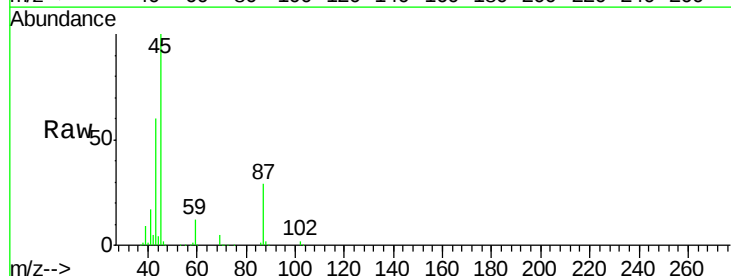
RT: 3.57 min Scan# 928

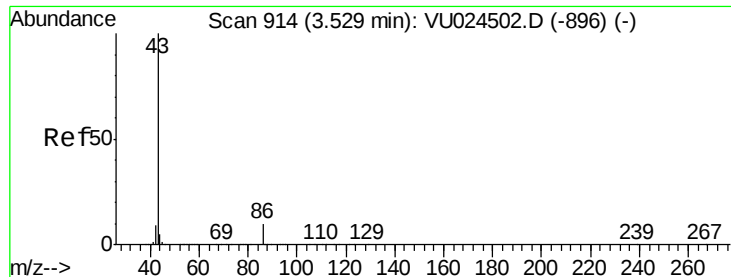
Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	45	Resp:	368910
Ion	Ratio	Lower	Upper
45	100		
43	58.7	45.8	68.6
87	29.1	20.6	31.0
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 242.829 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1546985

Ion Ratio Lower Upper

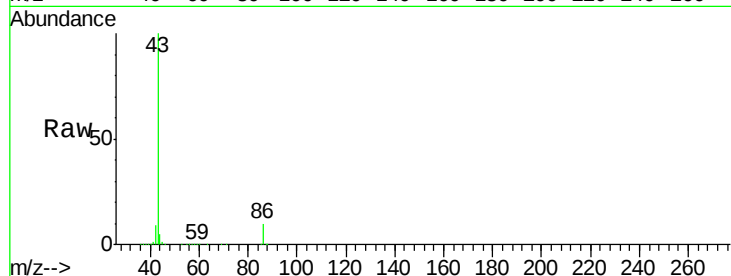
43 100

86 10.1 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

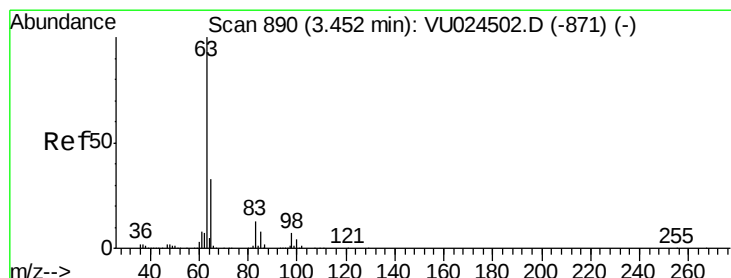
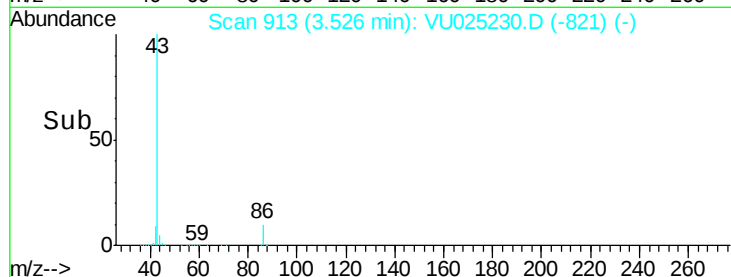
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.768 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

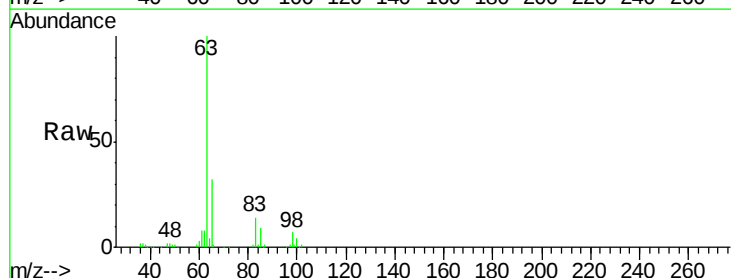
Tgt Ion: 63 Resp: 211794

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

120000

100000

80000

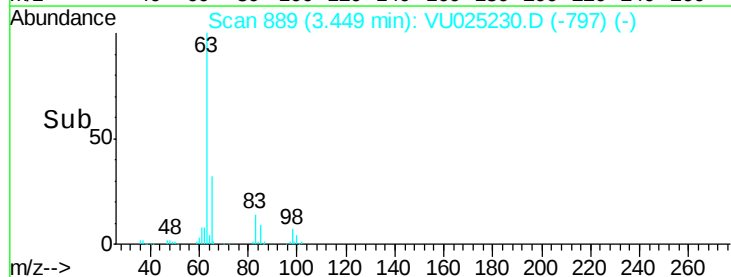
60000

40000

20000

0

Time-->





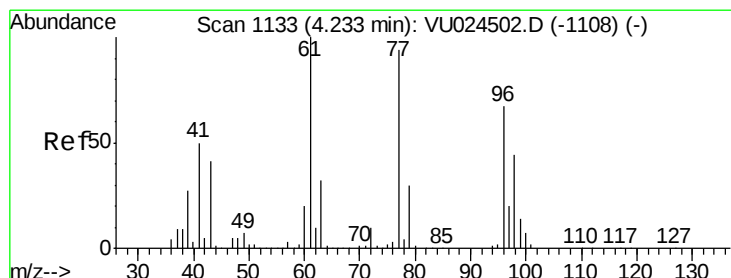
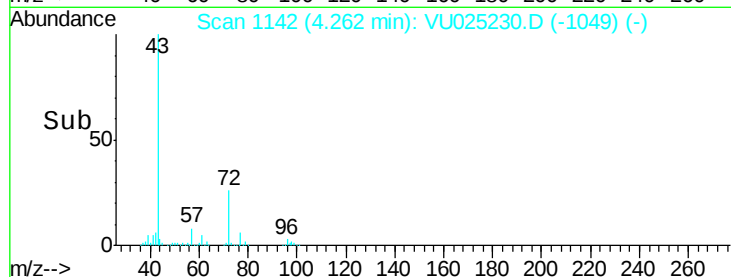
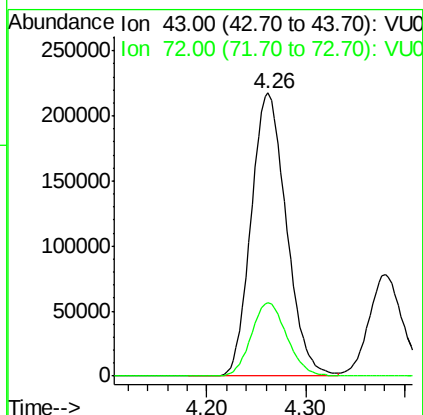
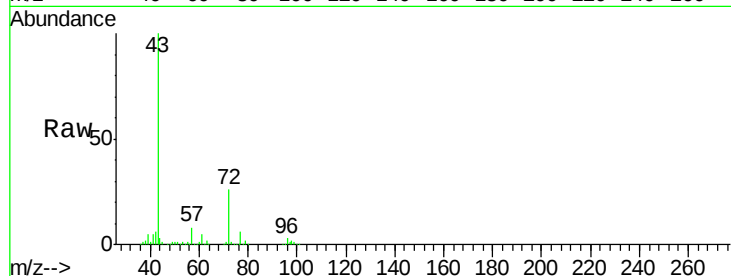
#25
2-Butanone
Concen: 267.396 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.6	29.4

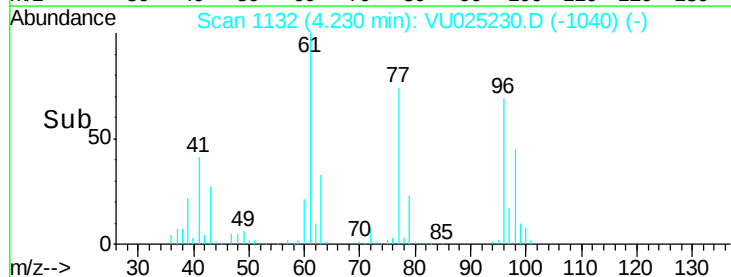
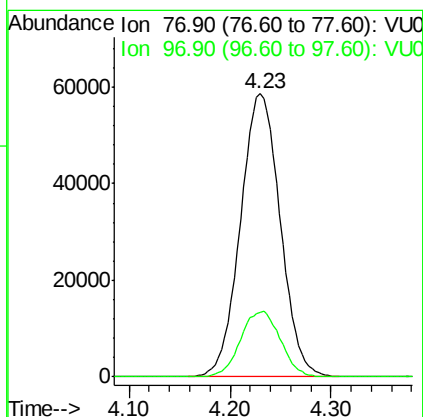
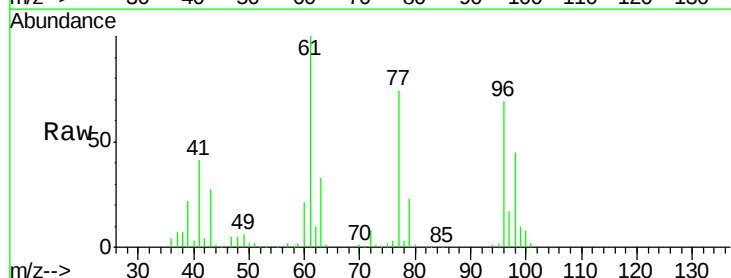
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 41.199 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.3	33.8





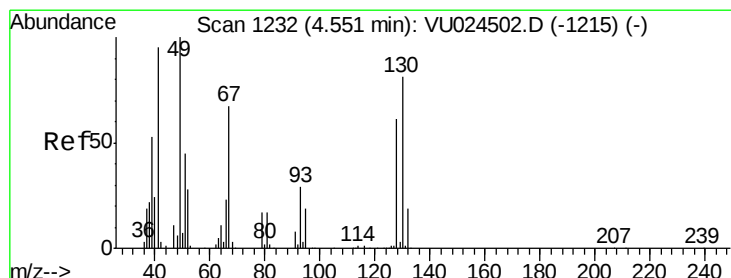
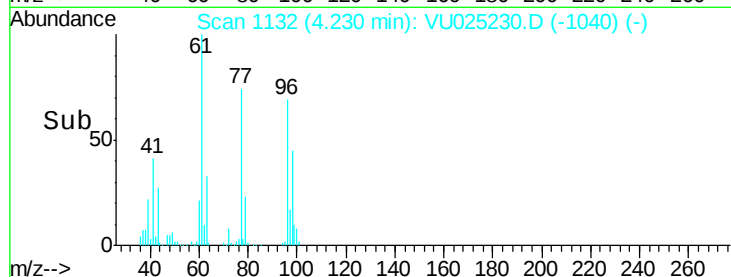
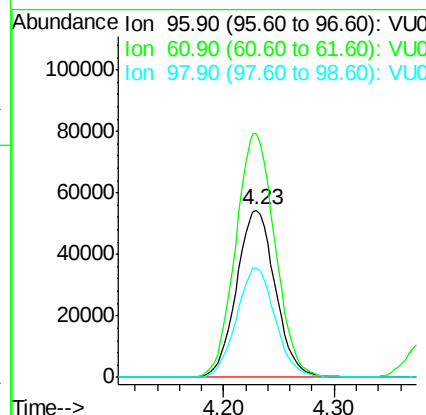
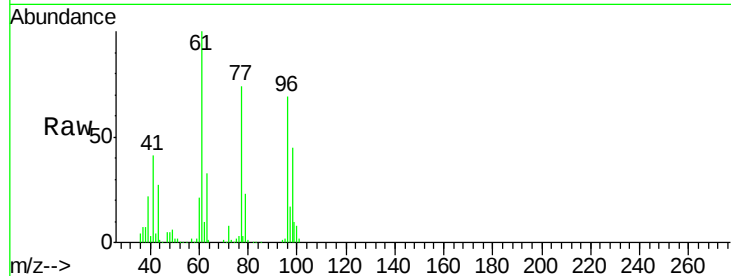
#27
 cis-1,2-Dichloroethene
 Concen: 54.013 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	306.6
98	65.2	0.0	128.8

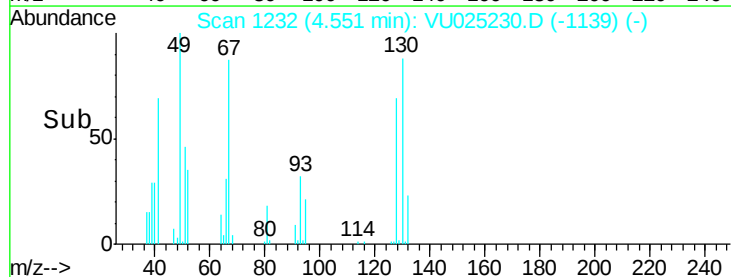
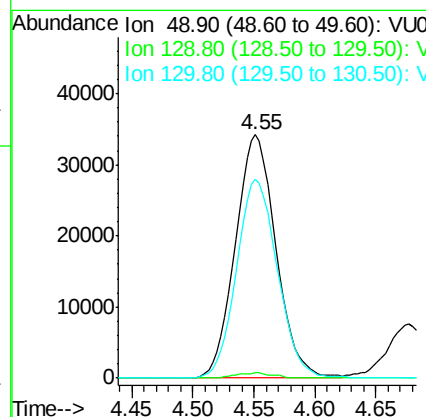
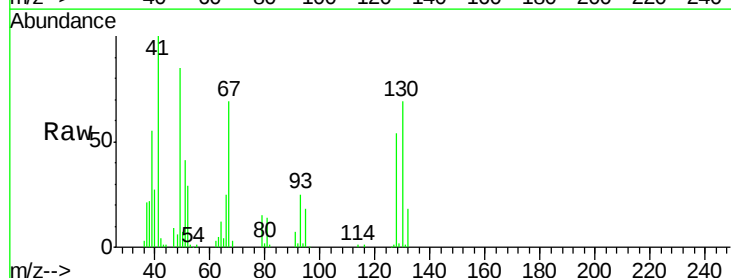
Manual Integrations
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#28
 Bromochloromethane
 Concen: 43.743 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	82.6	57.8	86.6





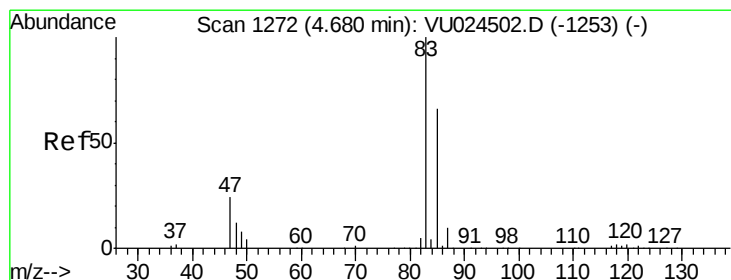
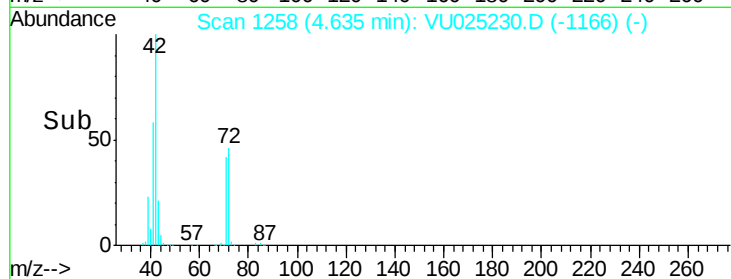
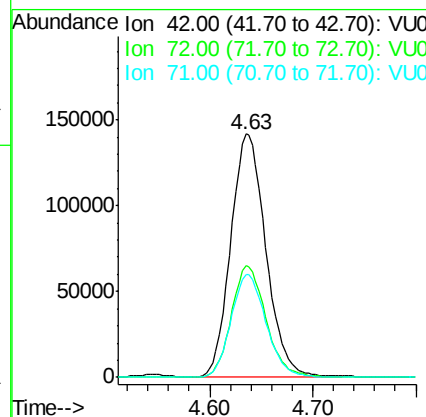
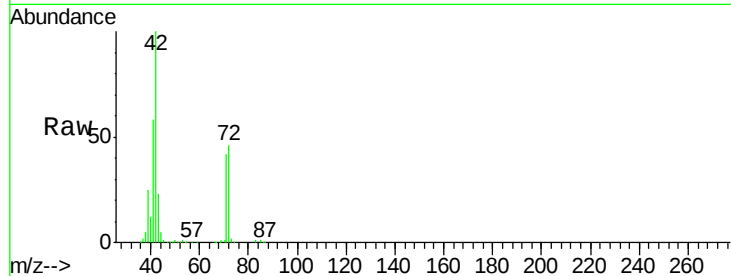
#29
Tetrahydrofuran
Concen: 270.419 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	34.5	51.7
71	42.4	32.2	48.4

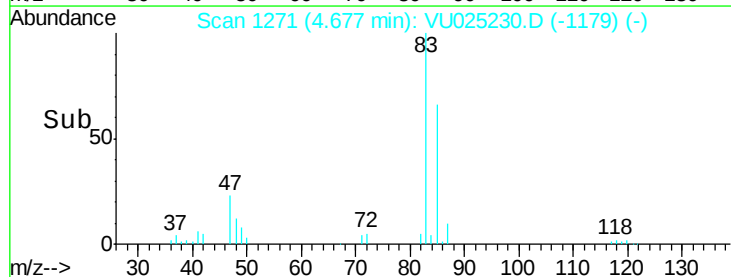
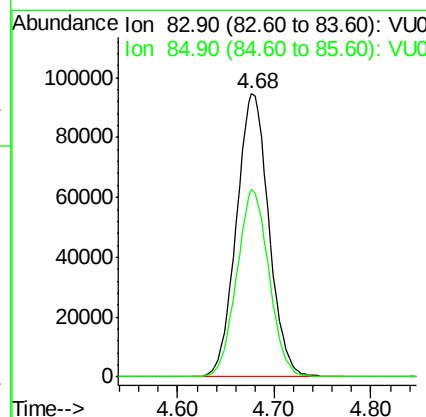
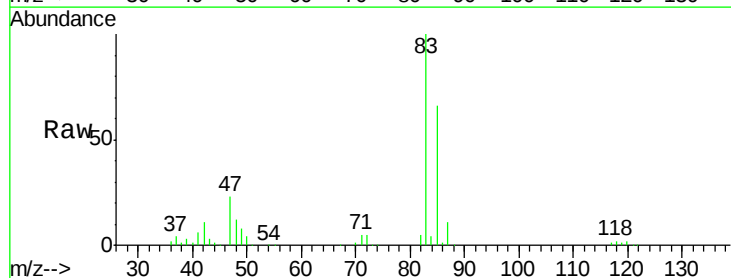
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#30
Chloroform
Concen: 53.234 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.4	78.6





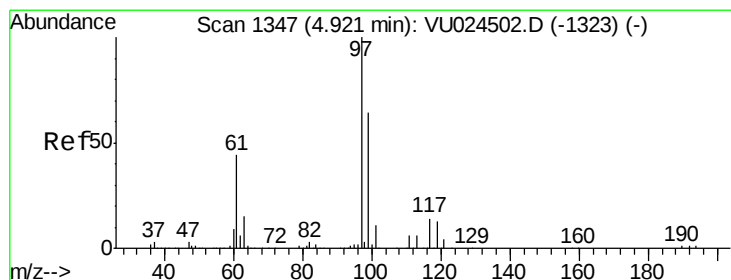
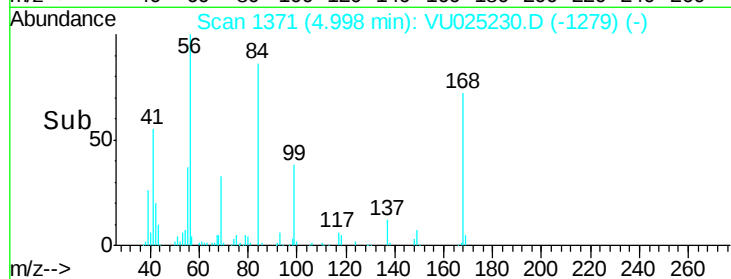
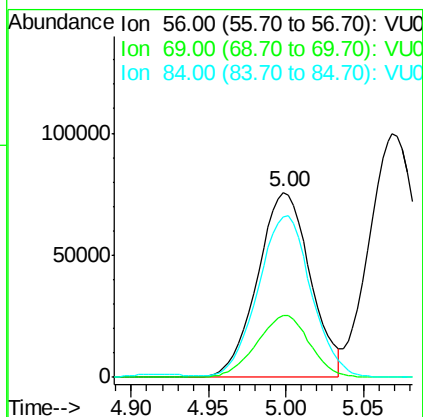
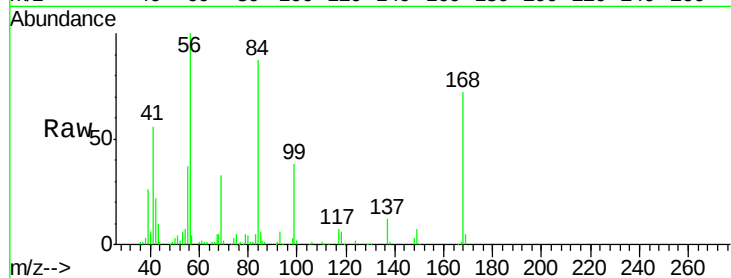
#31
Cyclohexane
Concen: 49.529 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.8	37.2
84	86.0	65.2	97.8

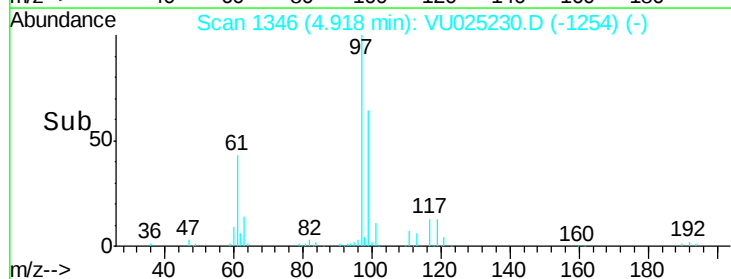
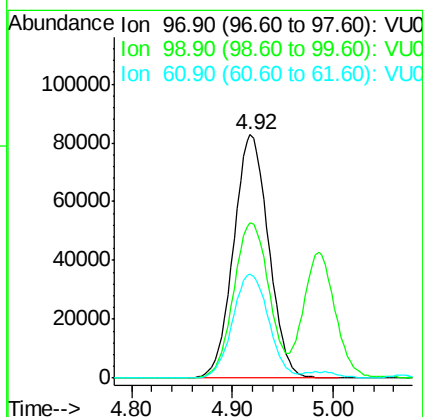
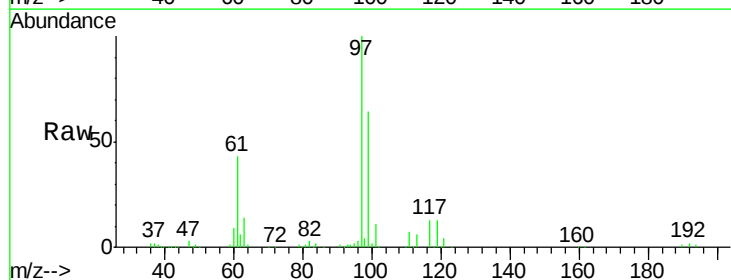
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 52.011 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	43.9	39.4	59.0





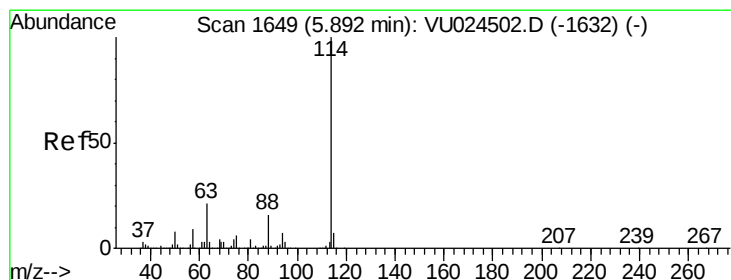
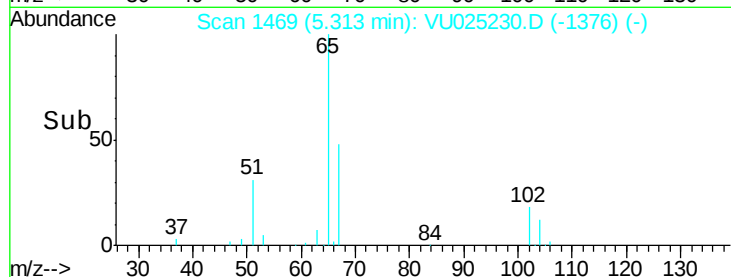
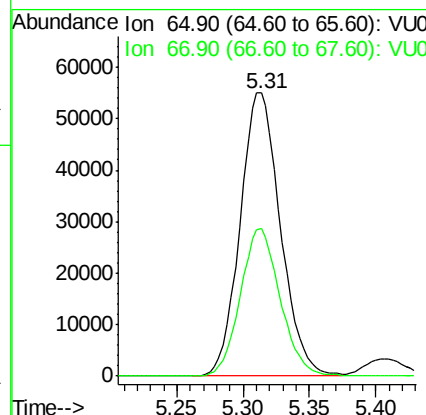
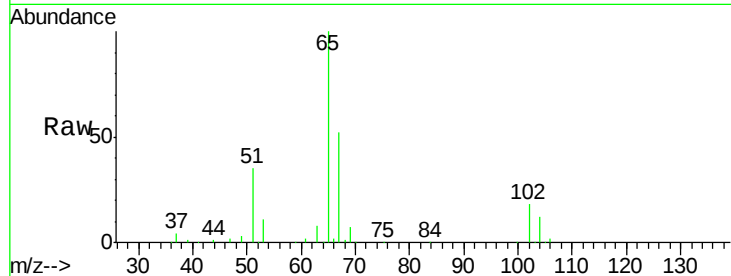
#33
 1,2-Dichloroethane-d4
 Concen: 41.901 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	107.0

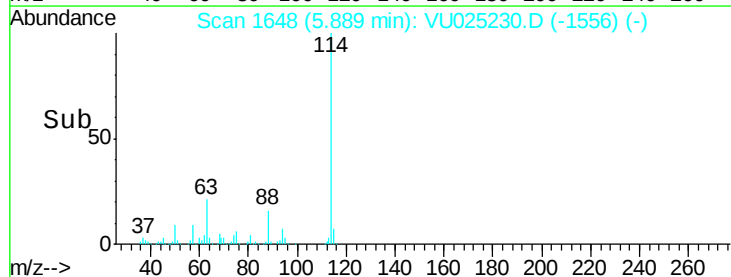
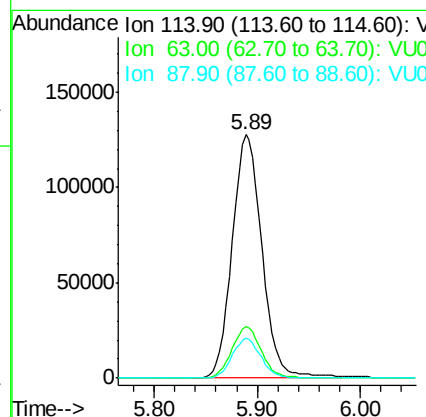
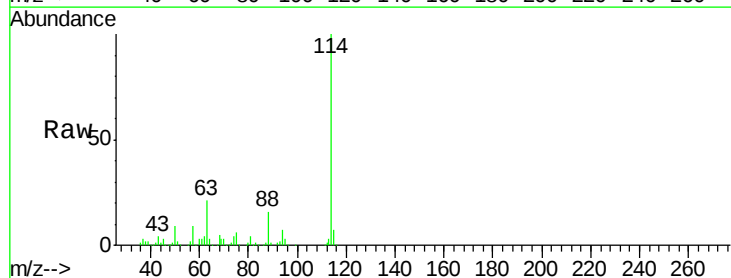
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	45.4
88	16.2	0.0	31.0





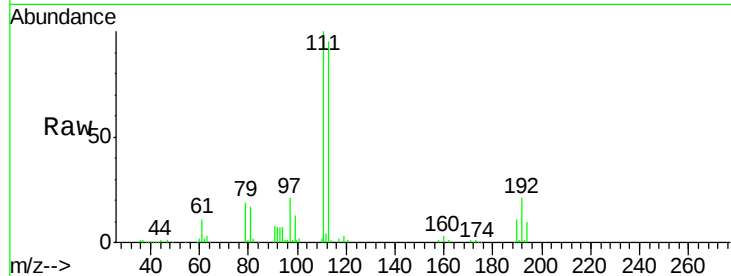
#35
 Dibromofluoromethane
 Concen: 45.966 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.1	16.2	24.4

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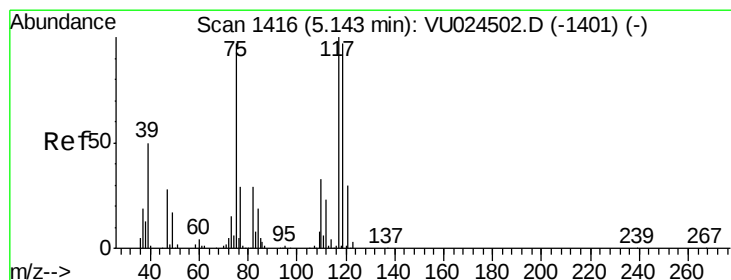
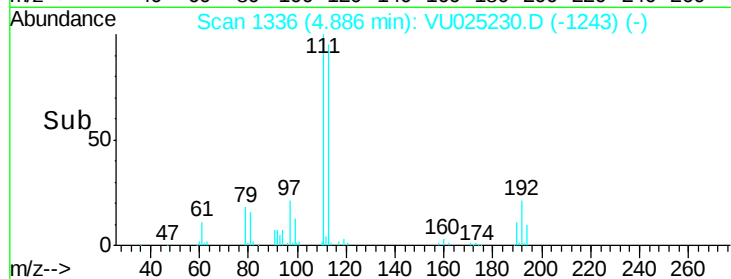
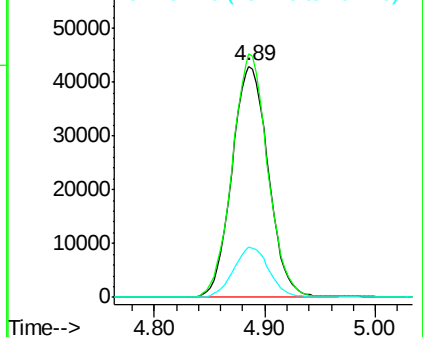


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.670 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

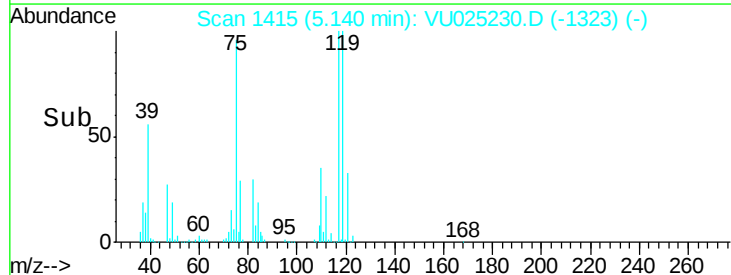
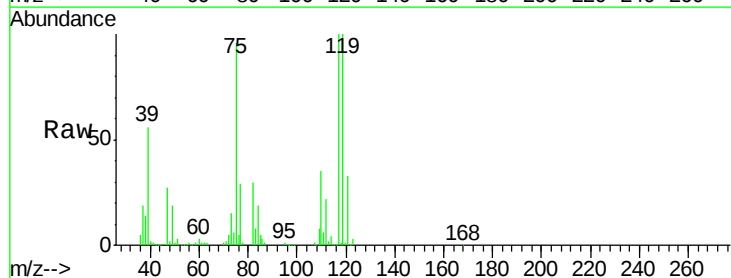
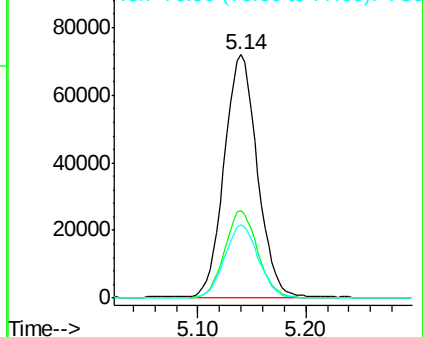
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.0	50.9
77	30.4	24.2	36.4

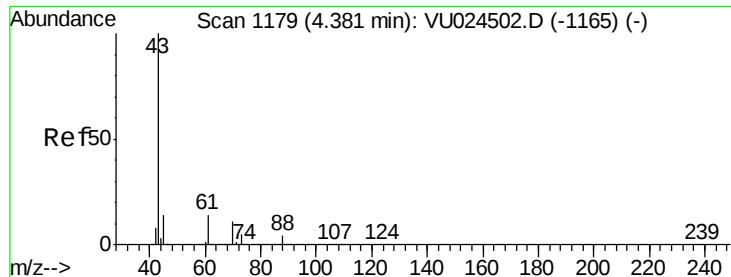
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





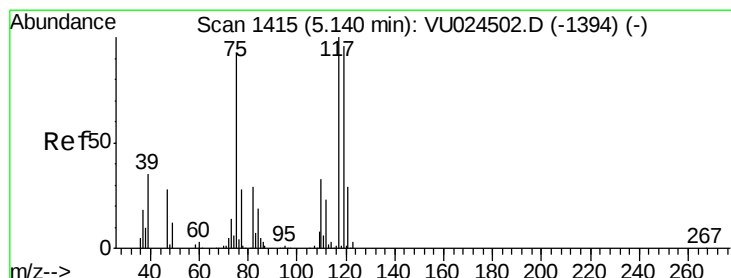
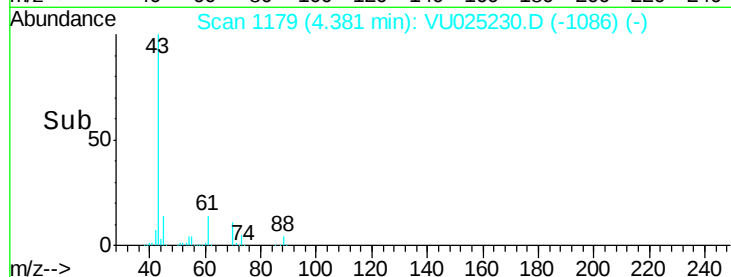
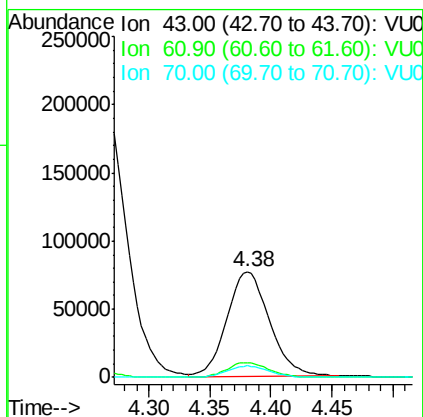
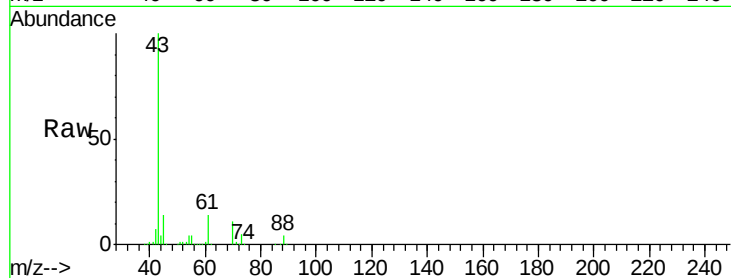
#37
Ethyl Acetate
Concen: 56.307 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.5	15.7
70	10.5	7.4	11.2

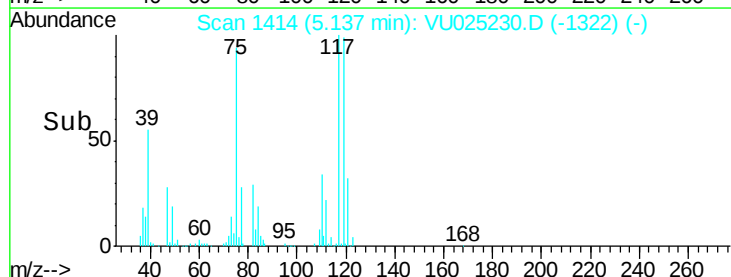
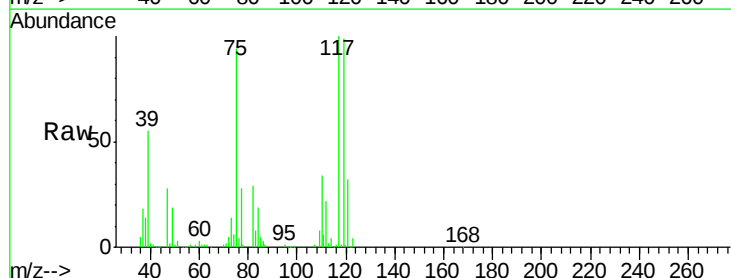
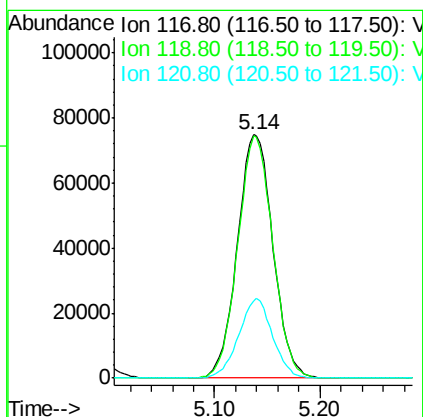
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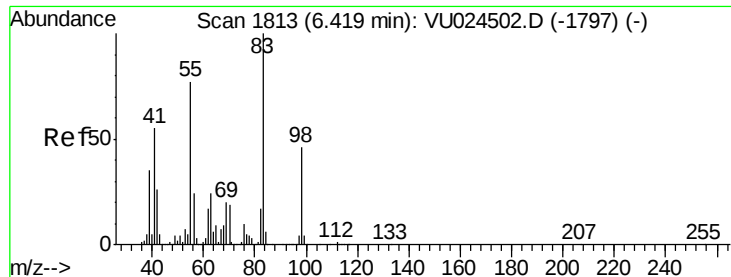
sam
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#38
Carbon Tetrachloride
Concen: 52.724 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.1	114.1
121	31.7	23.7	35.5





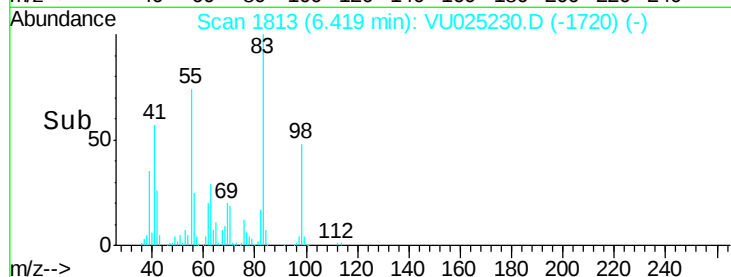
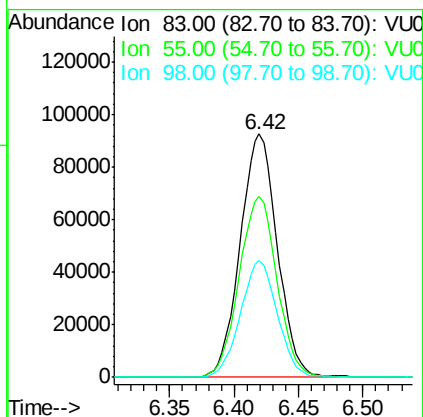
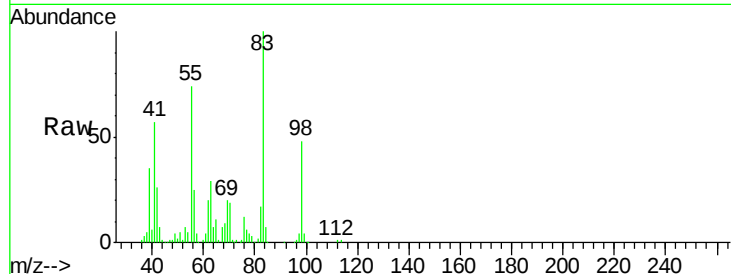
#39
Methvlcvclohexane
Concen: 49.271 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	65.8	98.6
98	48.0	36.7	55.1

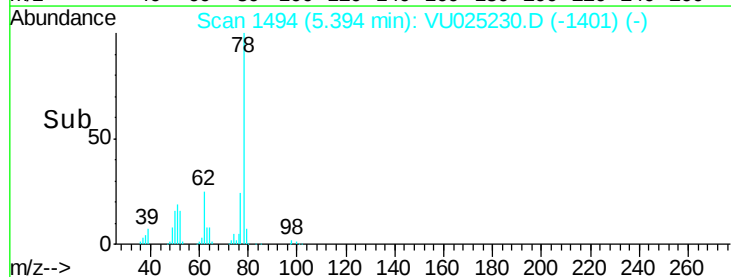
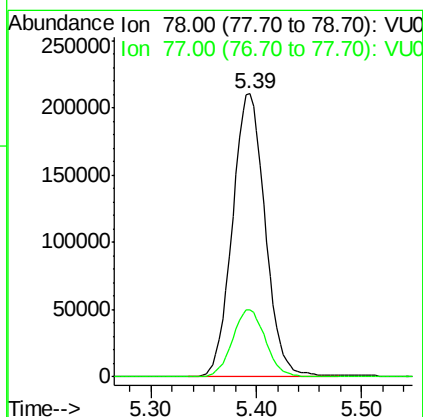
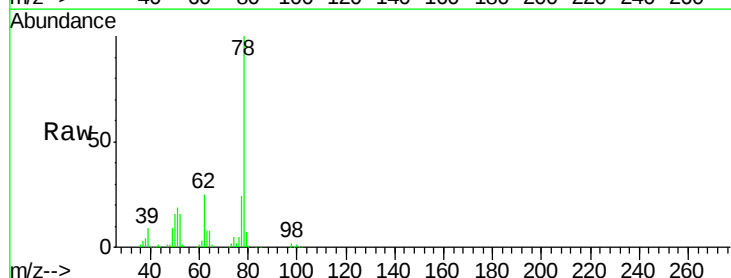
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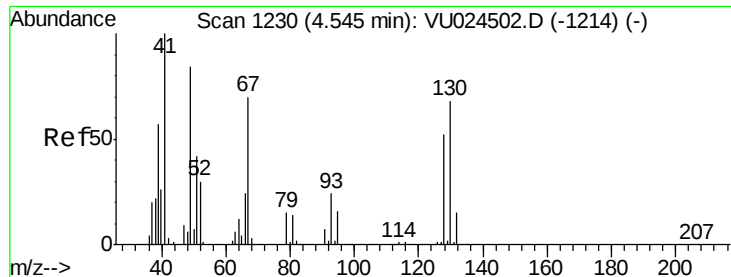
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#40
Benzene
Concen: 52.791 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





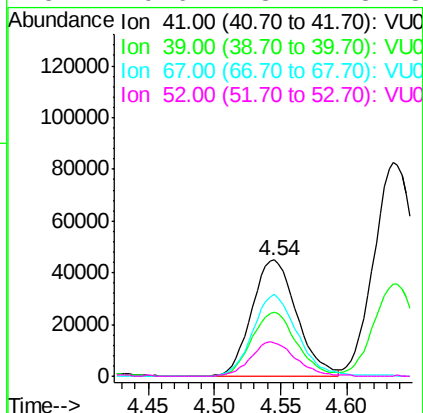
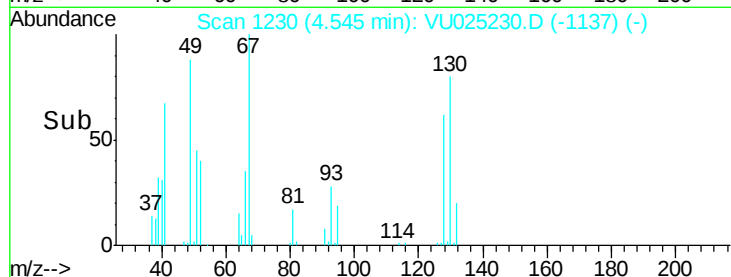
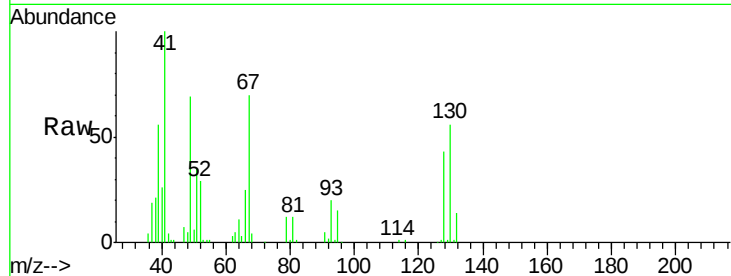
#41
Methacrylonitrile
Concen: 60.214 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	43.8	65.6	
67	69.8	56.3	84.5	
52	29.6	23.2	34.8	

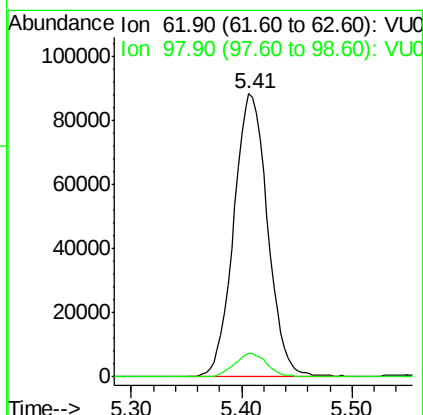
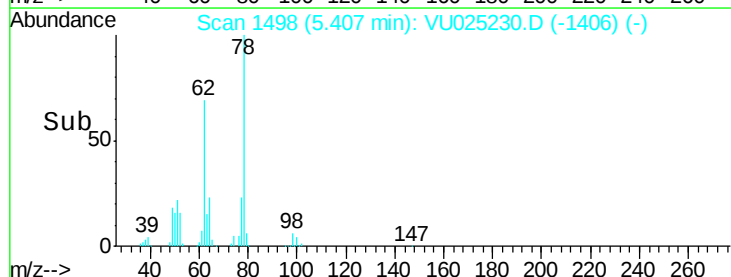
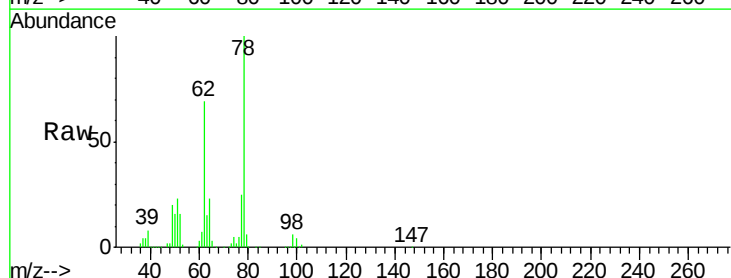
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#42
1,2-Dichloroethane
Concen: 57.251 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	16.6	





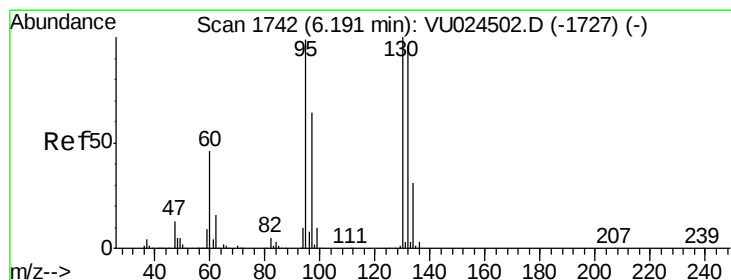
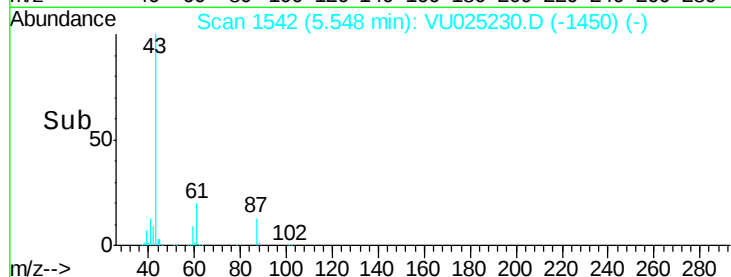
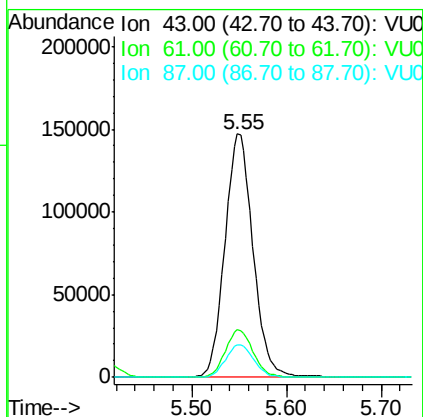
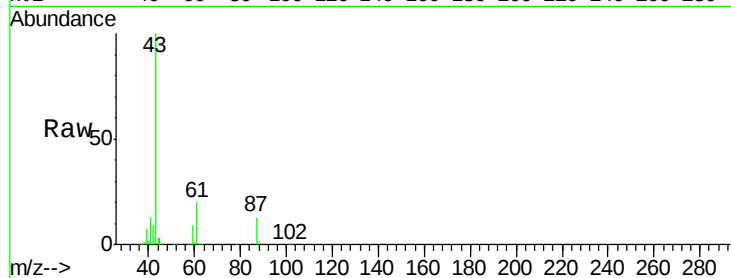
#43
Isopropyl Acetate
Concen: 53.040 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.6	10.0	15.0

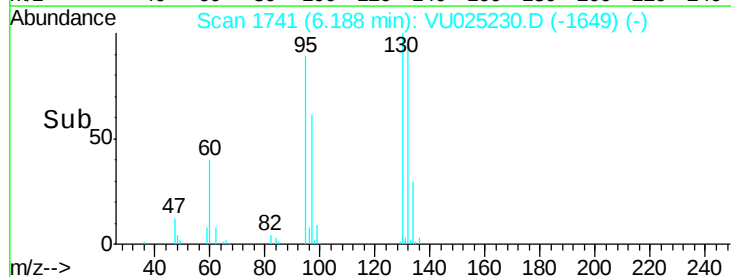
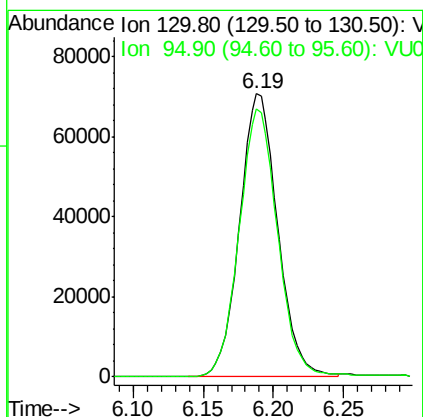
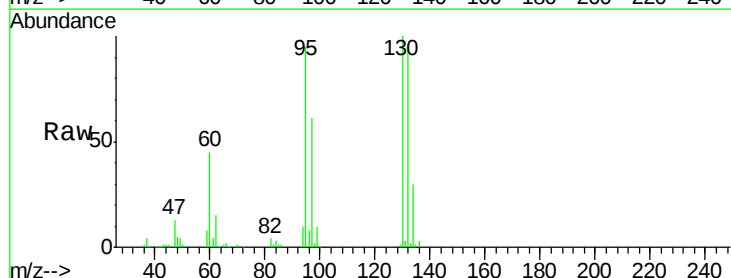
Manual Integrations
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#44
Trichloroethene
Concen: 54.575 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	202.4





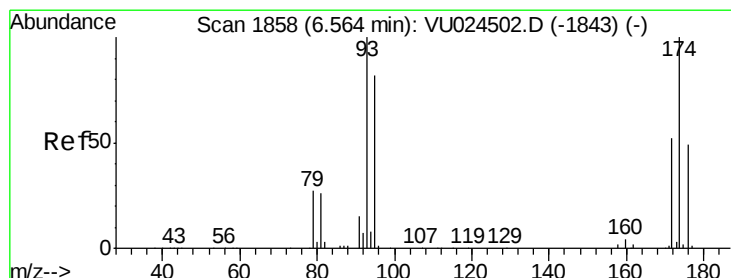
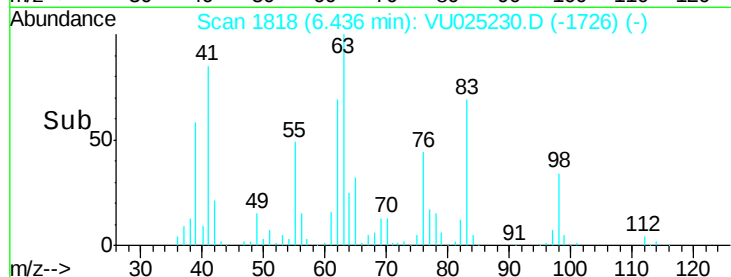
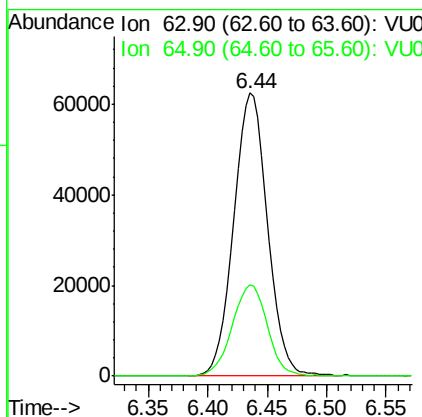
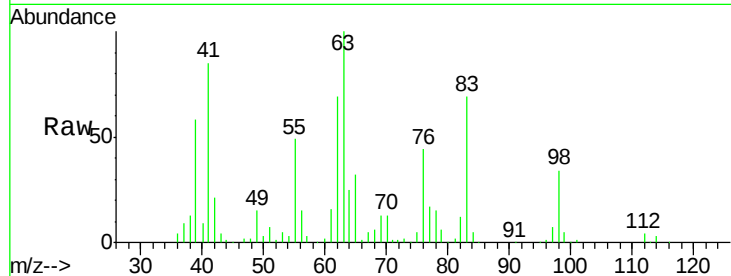
#45
 1,2-Dichloropropane
 Concen: 53.606 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.8	37.2

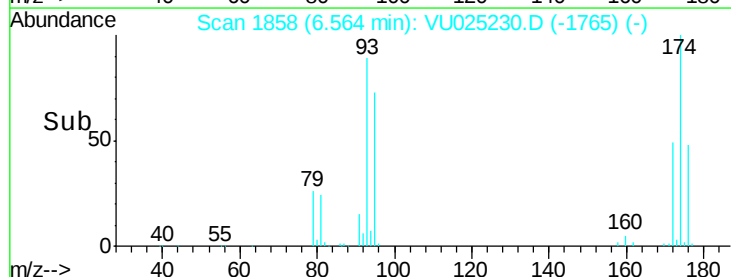
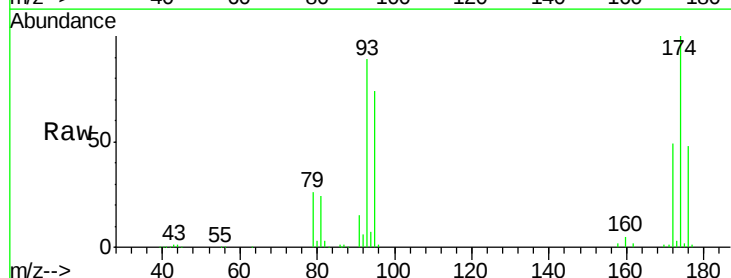
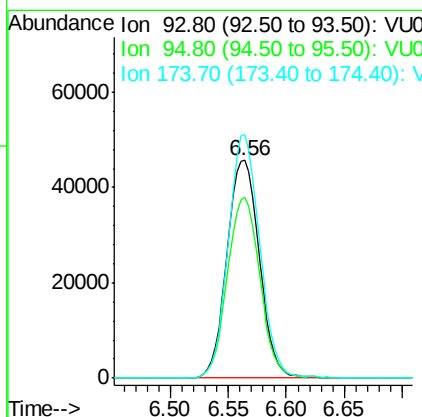
Manual Integrations
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#46
 Dibromomethane
 Concen: 54.803 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.5	98.3
174	108.1	78.7	118.1





#47

Bromodichloromethane

Concen: 53.424 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

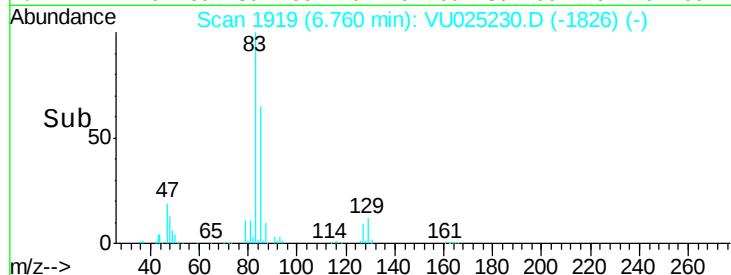
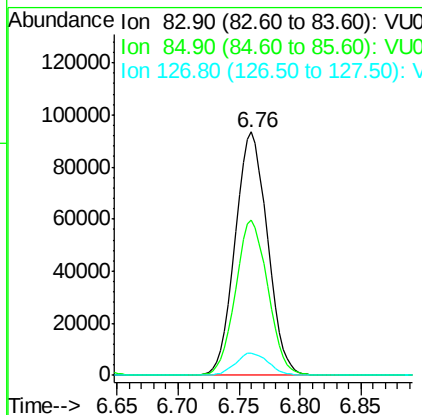
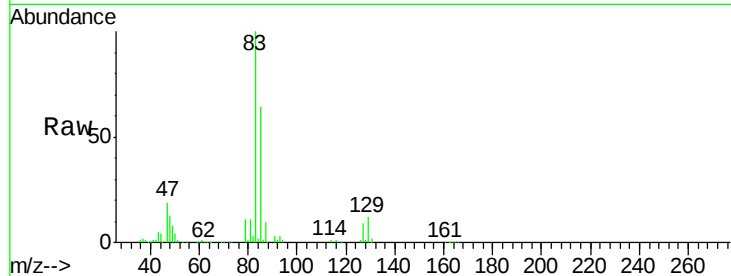
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171769
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.9	77.9
127	9.0	6.6	9.8

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#48

Methyl methacrylate

Concen: 55.443 ug/l

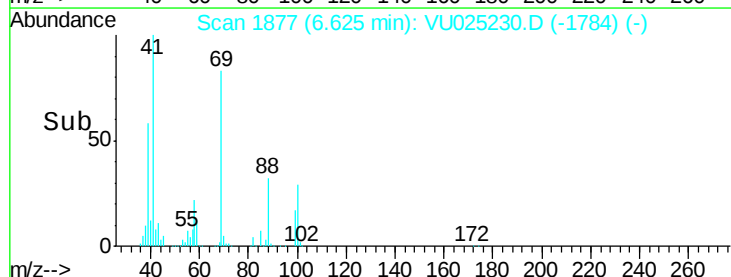
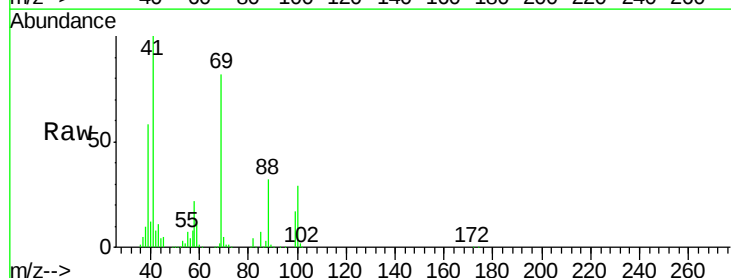
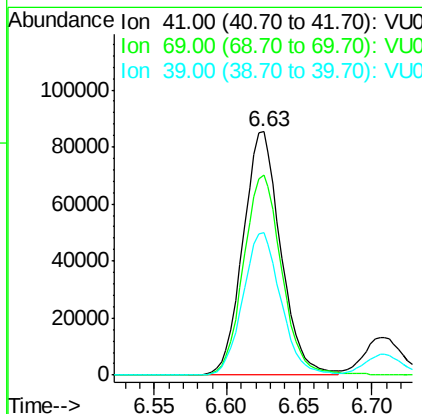
RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	41	Resp:	153779
Ion Ratio	Lower	Upper	
41	100		
69	83.7	67.3	100.9
39	58.6	46.5	69.7





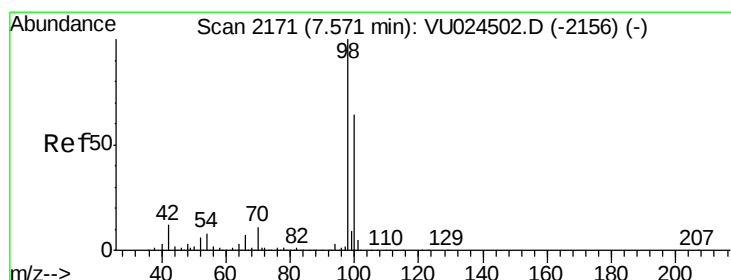
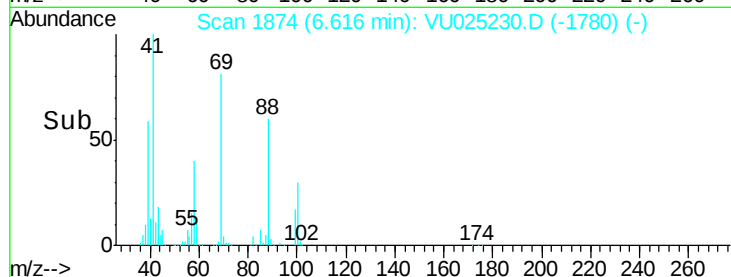
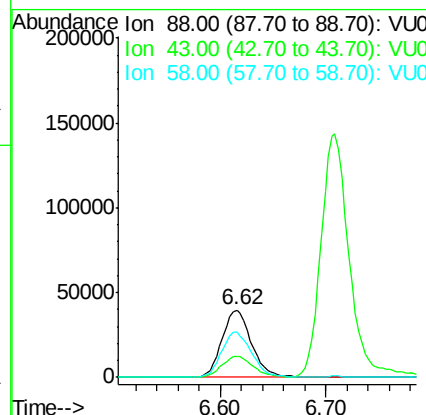
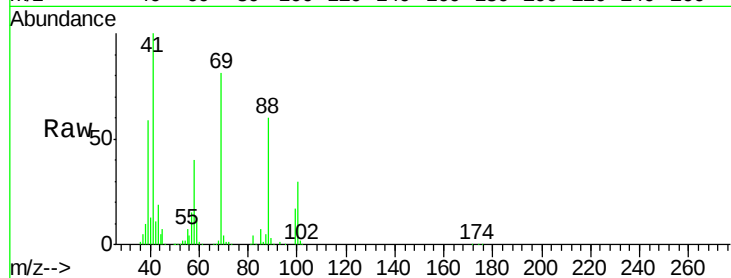
#49
 1,4-Dioxane
 Concen: 1405.485 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	28.6	42.8
58	69.2	58.2	87.4

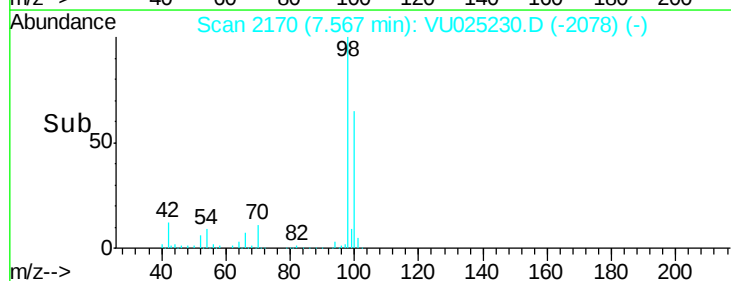
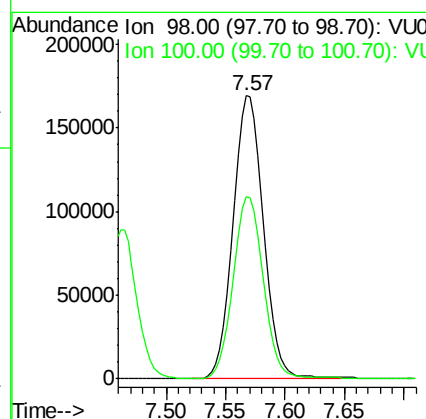
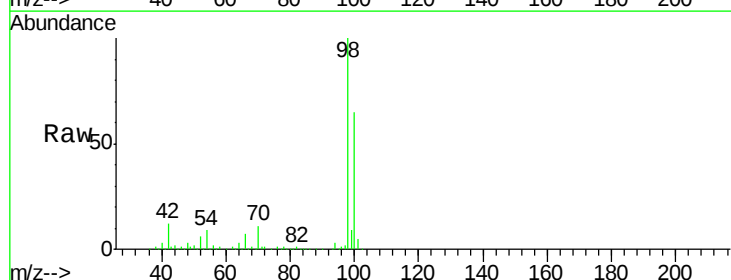
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#50
 Toluene-d8
 Concen: 38.537 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





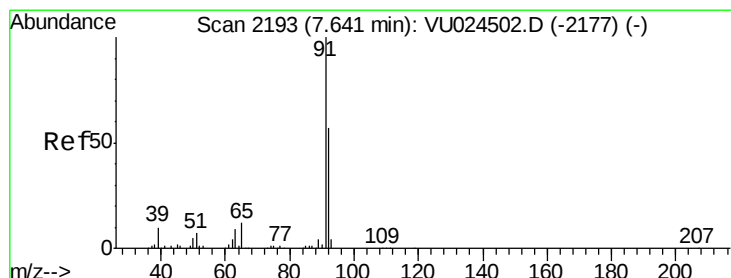
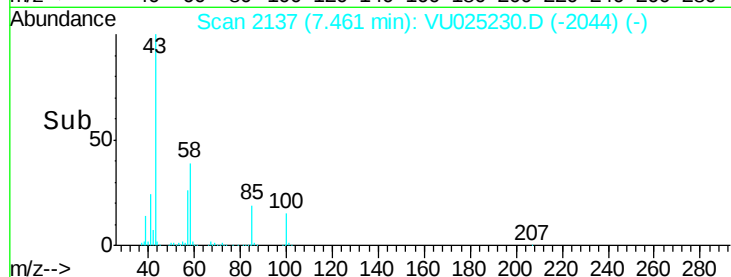
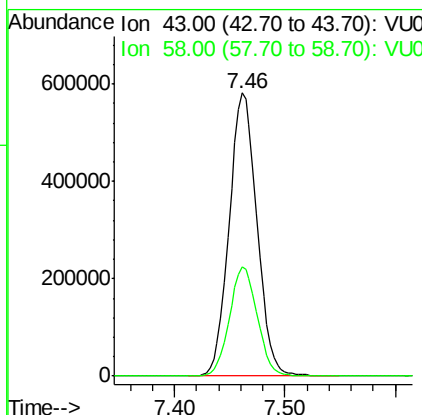
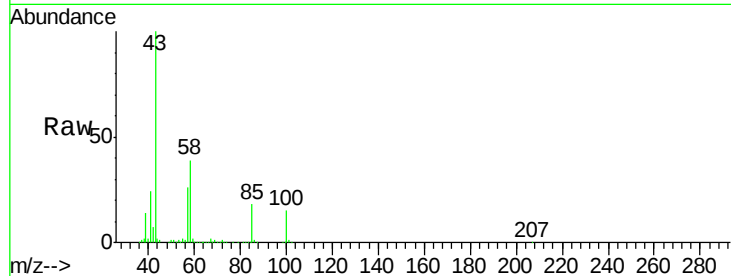
#51
 4-Methyl-2-Pentanone
 Concen: 284.301 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1017395
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0

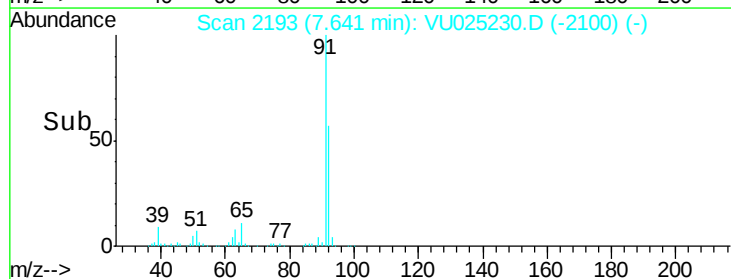
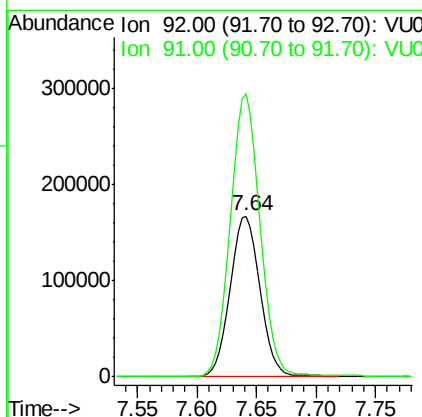
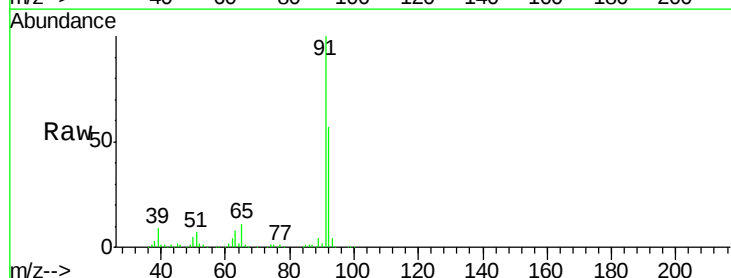
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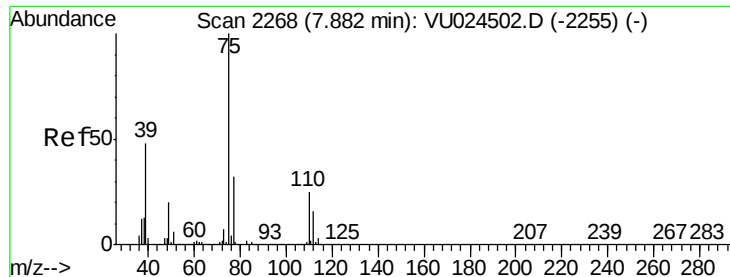
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#52
 Toluene
 Concen: 52.918 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion: 92 Resp: 293307
 Ion Ratio Lower Upper
 92 100
 91 175.9 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 50.370 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 181873

Ion Ratio Lower Upper

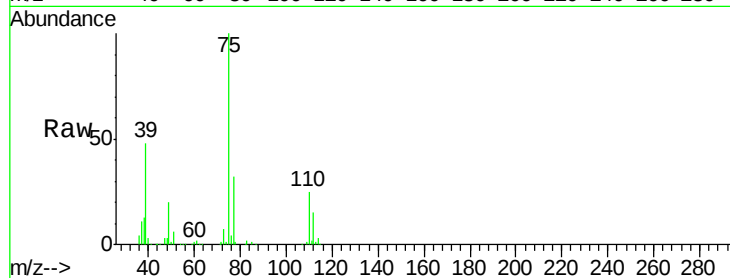
75 100

77 31.8 24.8 37.2

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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

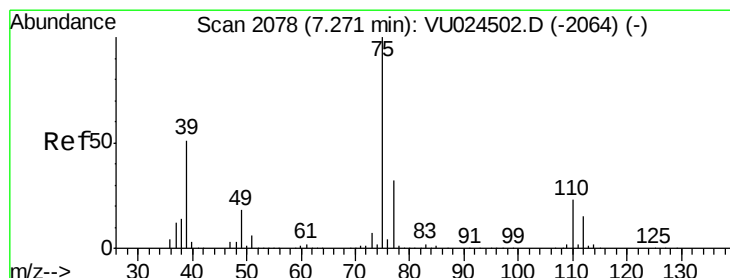
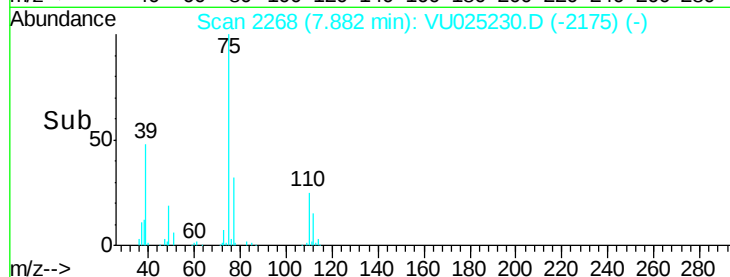
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.536 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

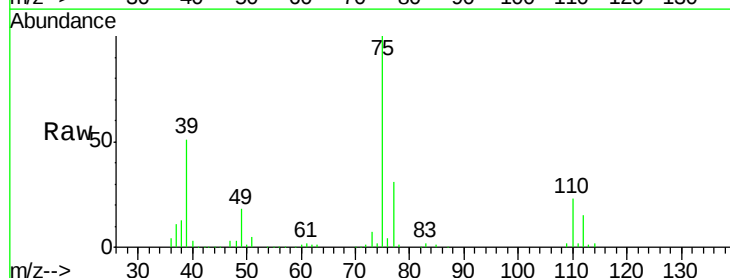
Tgt Ion: 75 Resp: 190586

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 50.5 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

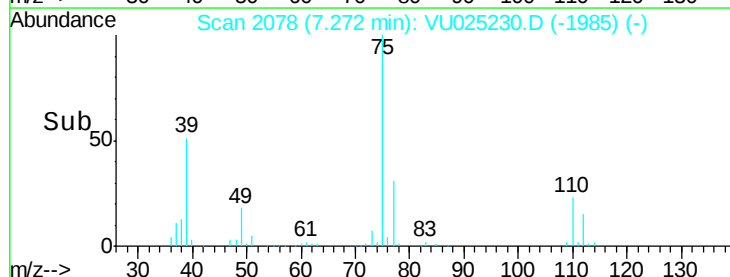
150000

100000

50000

0

Time-->





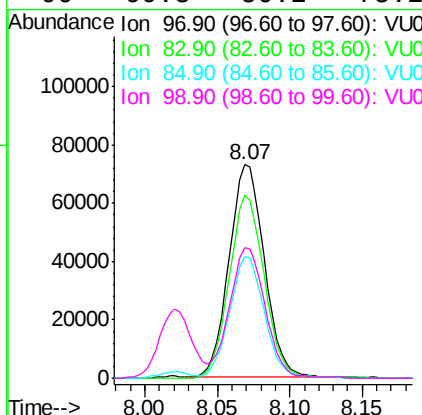
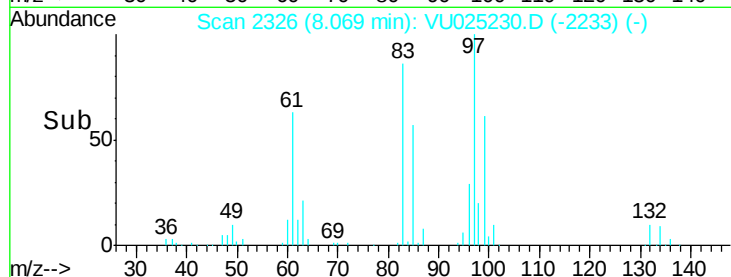
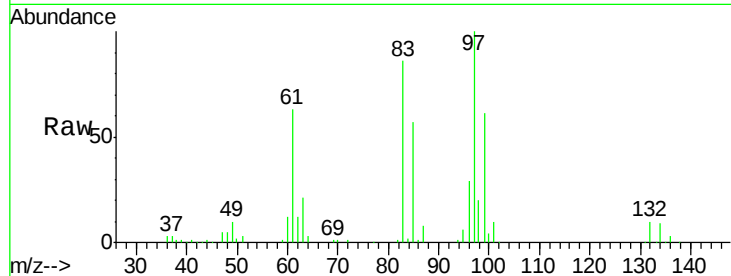
#55
 1,1,2-Trichloroethane
 Concen: 54.423 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		122616		
83	86.0	70.5	105.7		
85	57.2	46.4	69.6		
99	60.8	50.2	75.2		

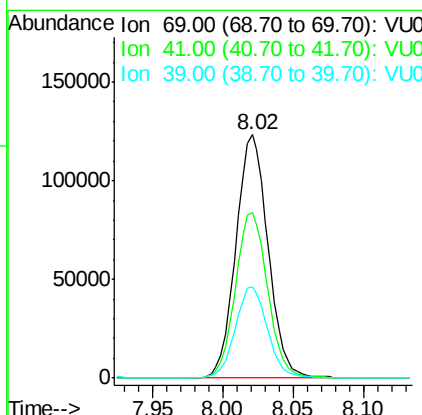
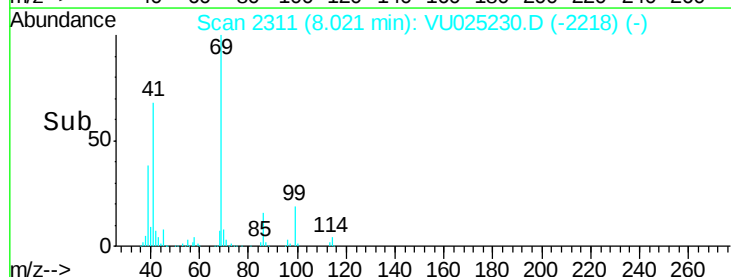
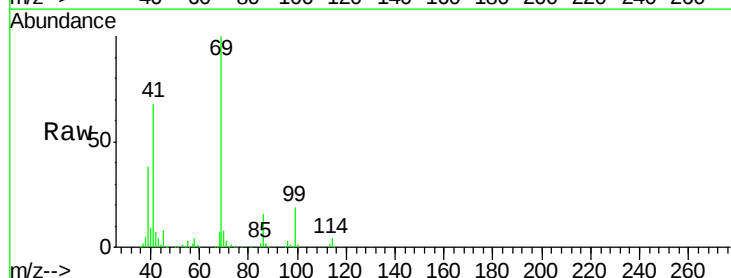
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 52.363 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		197459		
41	68.3	54.1	81.1		
39	37.2	30.3	45.5		





#57

1,3-Dichloropropane

Concen: 55.101 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 209422

Ion Ratio Lower Upper

76 100

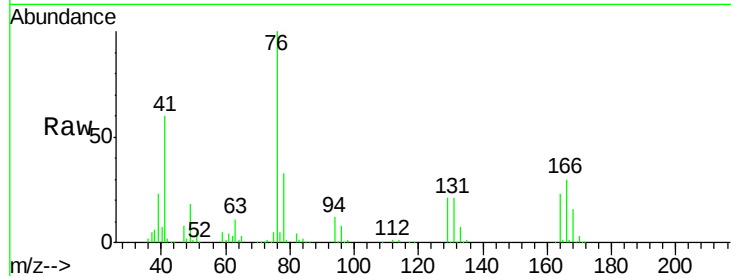
78 32.2 25.2 37.8

Manual Integrations

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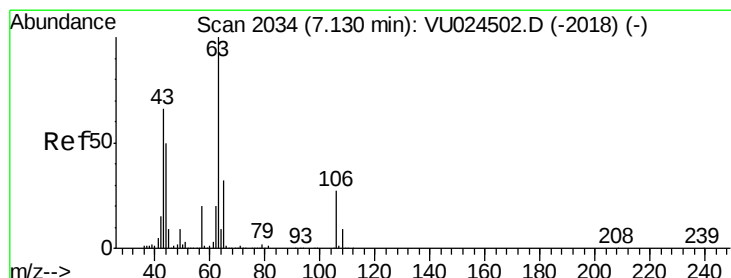
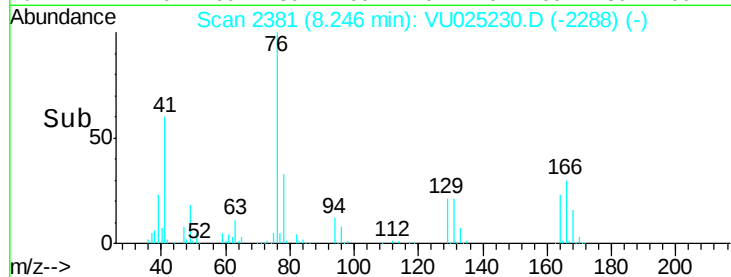
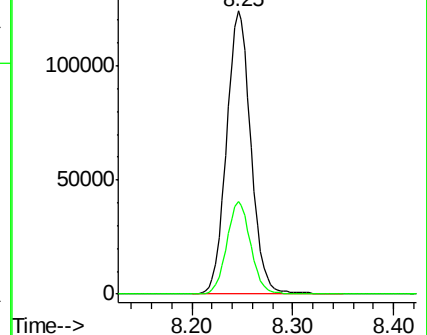
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 273.186 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025230.D

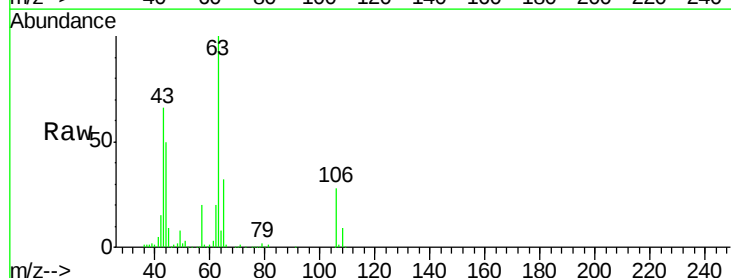
Acq: 05 Jul 2018 21:07

Tgt Ion: 63 Resp: 394668

Ion Ratio Lower Upper

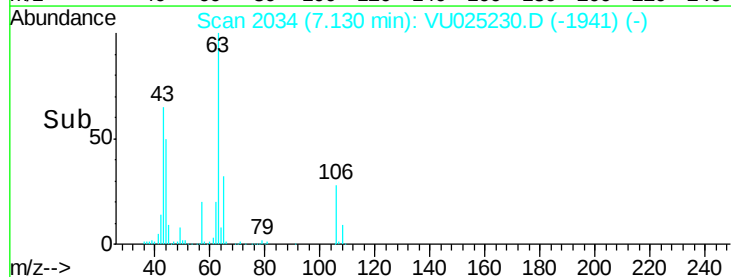
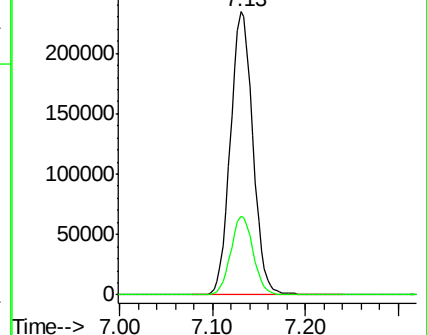
63 100

106 27.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





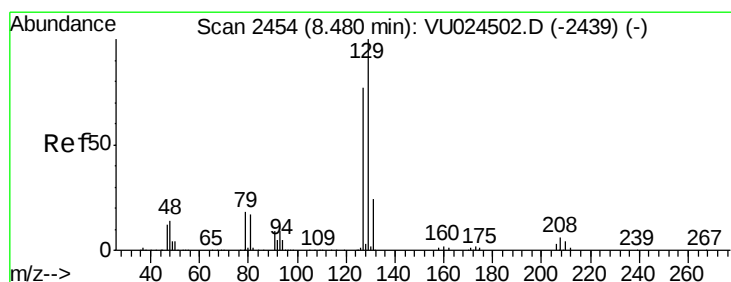
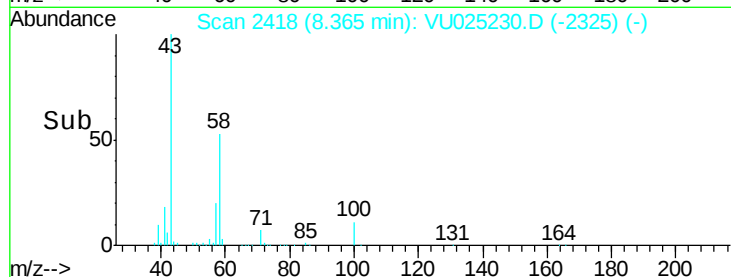
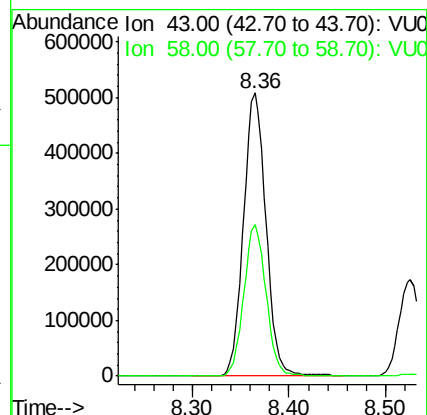
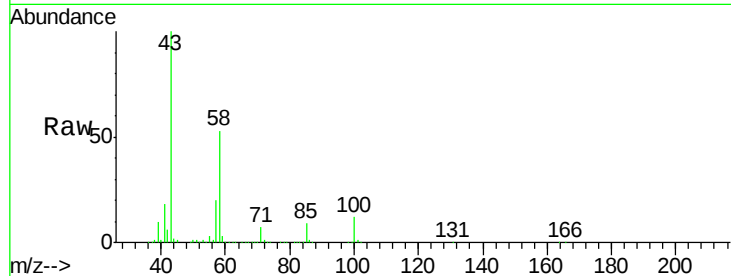
#59
2-Hexanone
Concen: 280.662 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 819974
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0

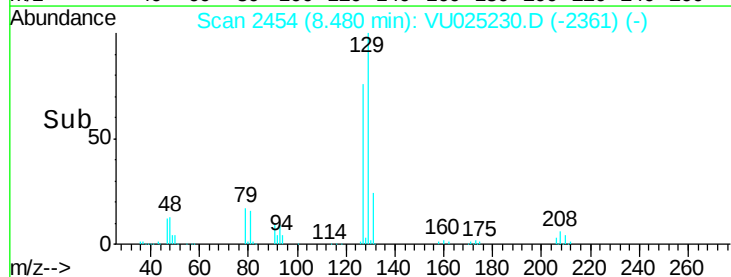
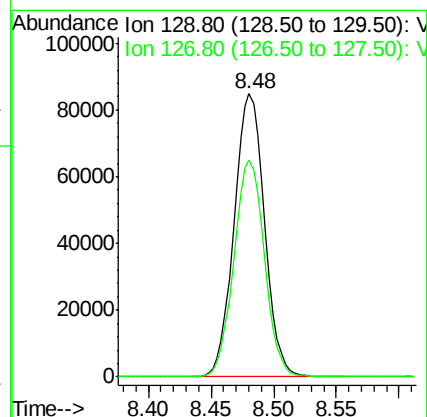
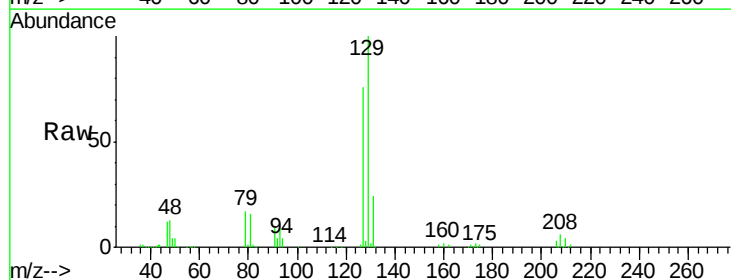
Manual Integrations
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#60
Dibromochloromethane
Concen: 50.866 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 129 Resp: 142910
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.755 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 137307

Ion Ratio Lower Upper

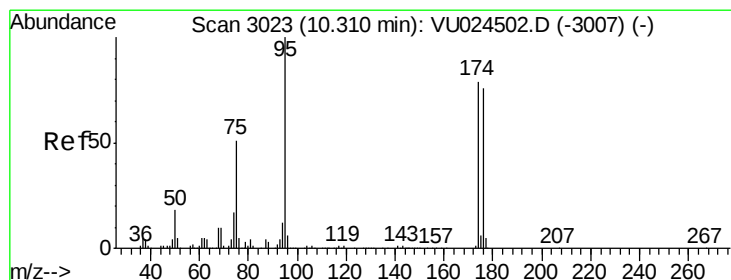
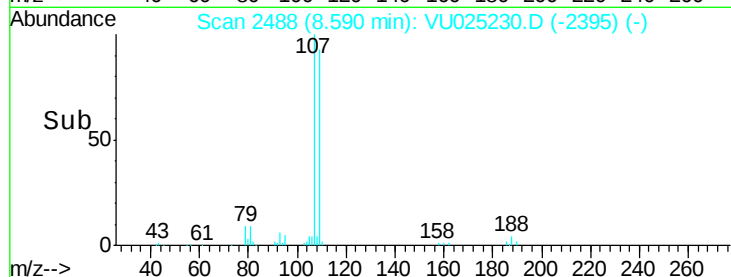
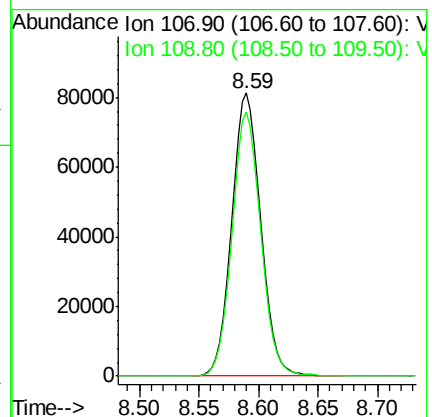
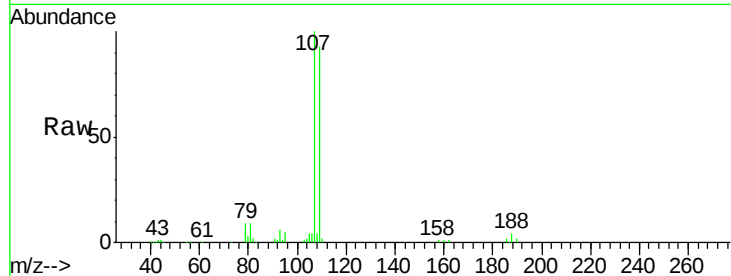
107 100

109 92.8 74.5 111.7

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#62

4-Bromofluorobenzene

Concen: 43.991 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

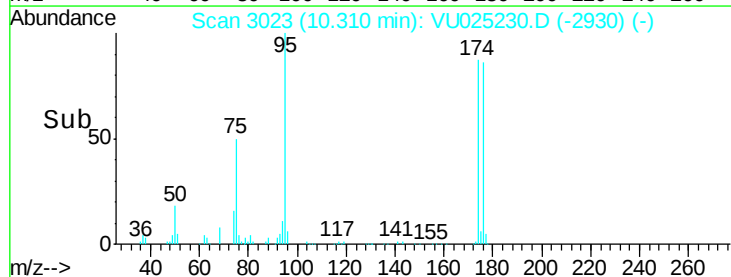
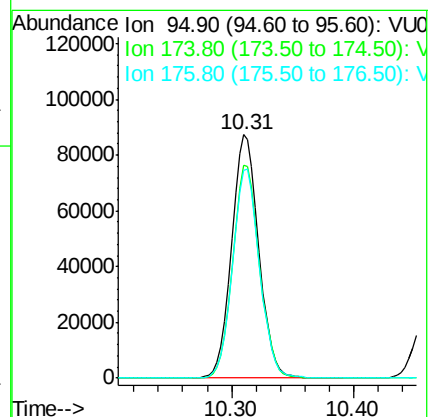
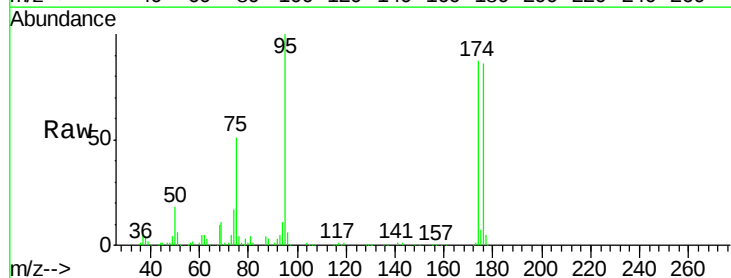
Tgt Ion: 95 Resp: 136043

Ion Ratio Lower Upper

95 100

174 86.4 0.0 165.8

176 85.2 0.0 159.4





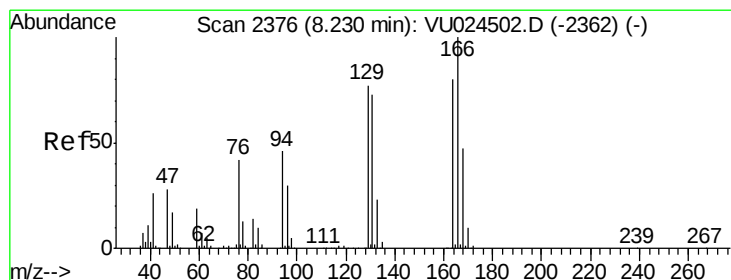
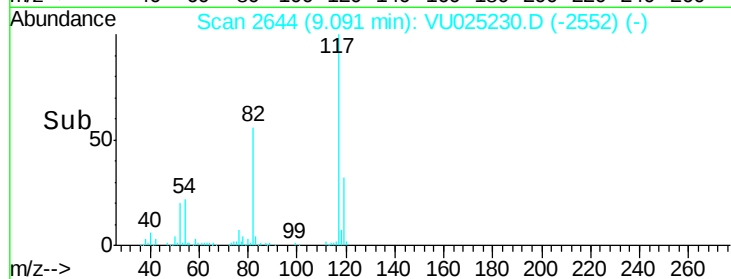
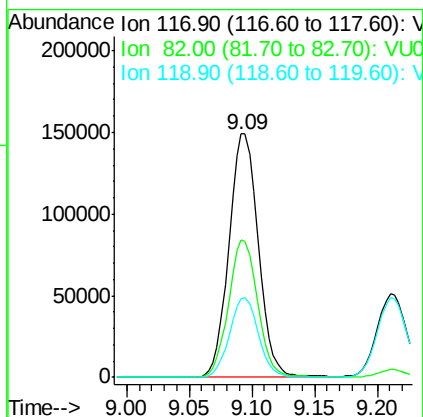
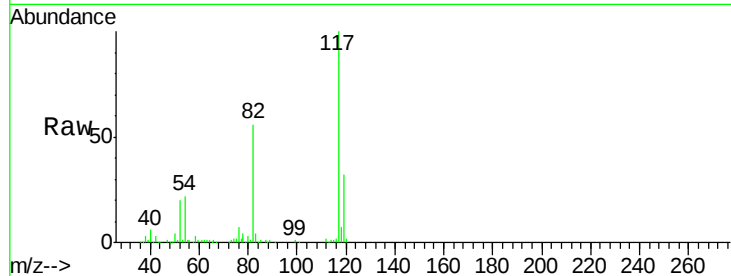
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	243208		
82	56.4		44.3	66.5
119	32.4		25.4	38.2

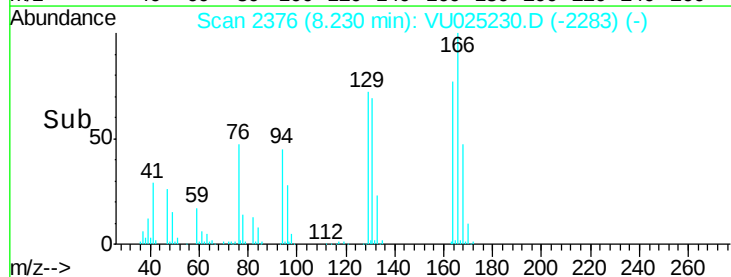
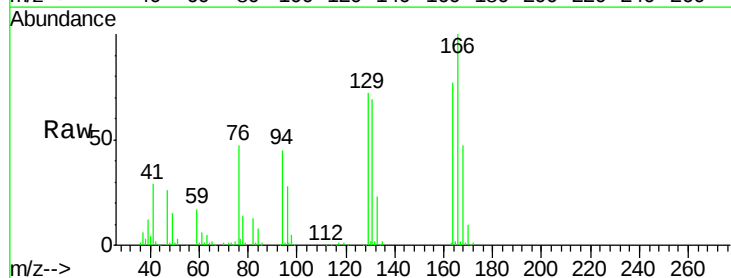
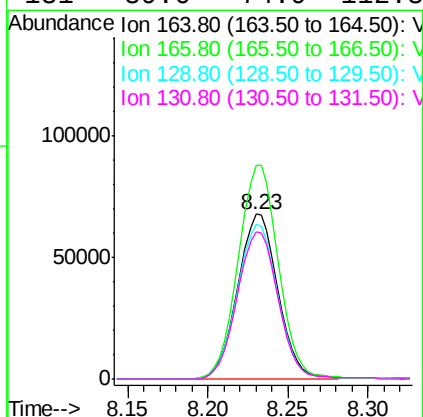
Manual Integrations
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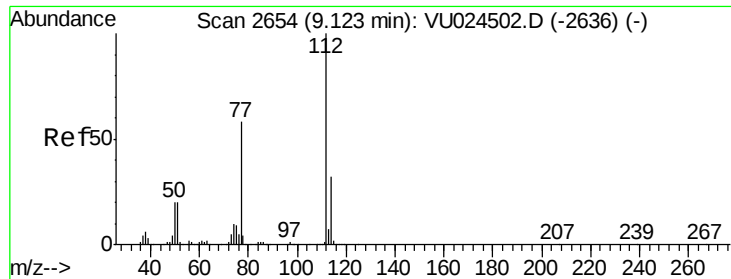
sam
7/6/2018 4:22:12 PM



#64
Tetrachloroethene
Concen: 50.203 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116058		
166	129.7		101.7	152.5
129	93.8		76.9	115.3
131	89.6		74.9	112.3





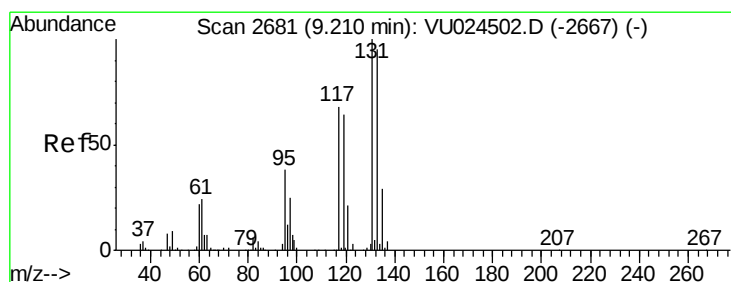
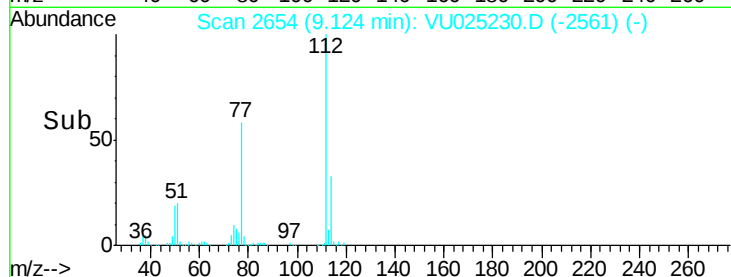
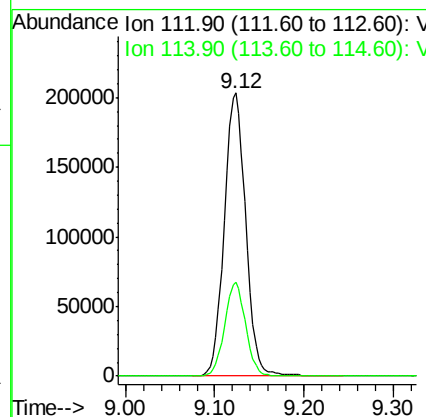
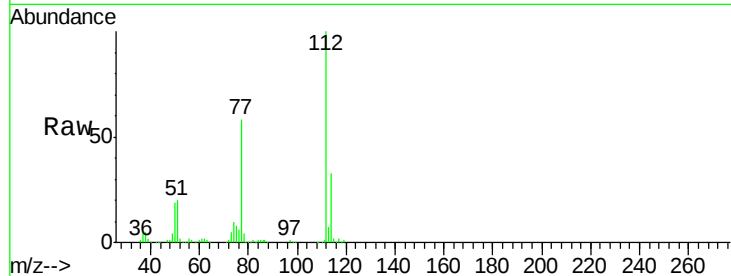
#65
Chlorobenzene
Concen: 54.556 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.6	38.4

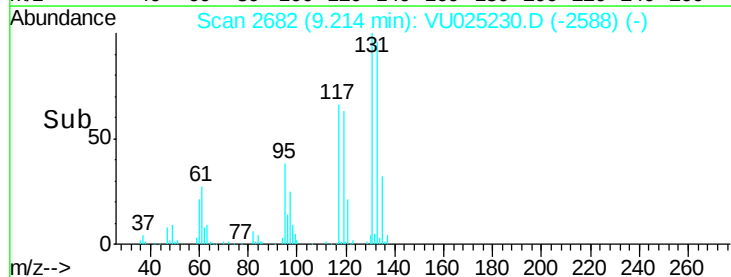
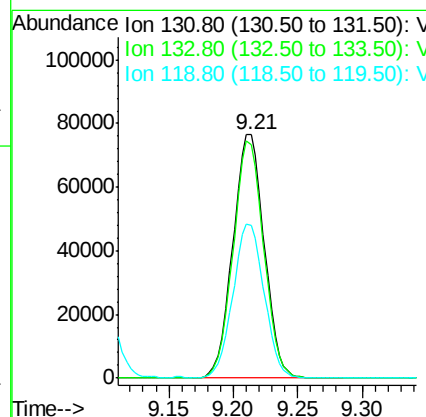
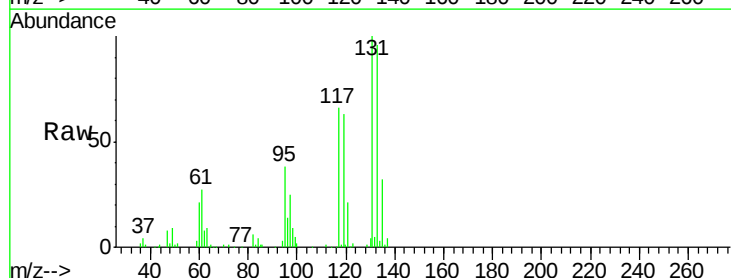
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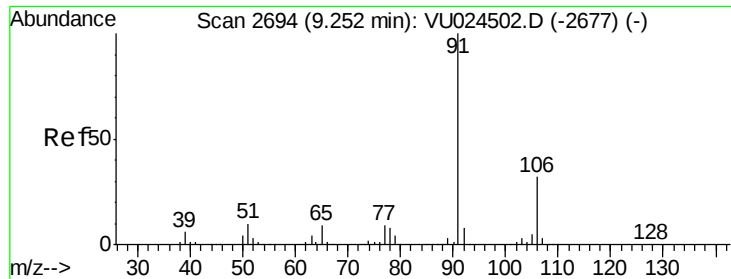
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.572 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	46.9	140.8
119	63.0	33.5	100.4





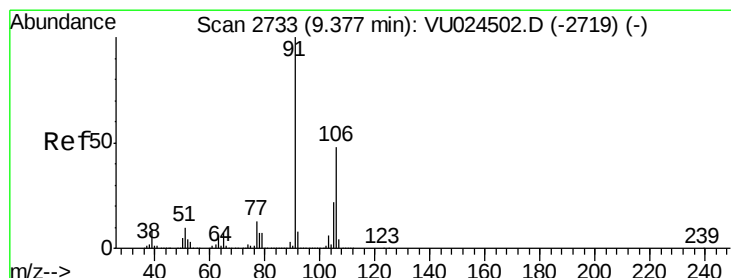
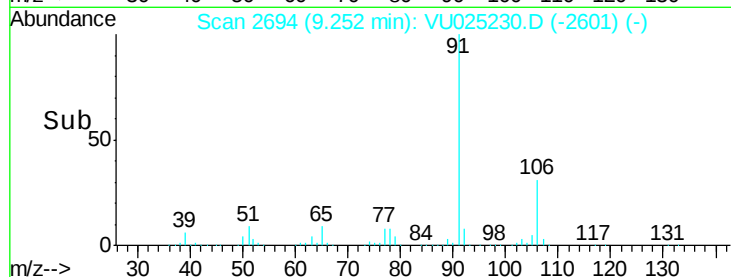
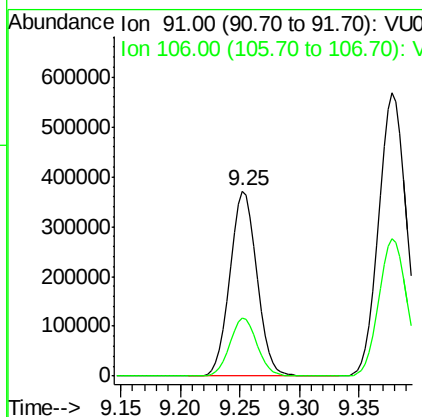
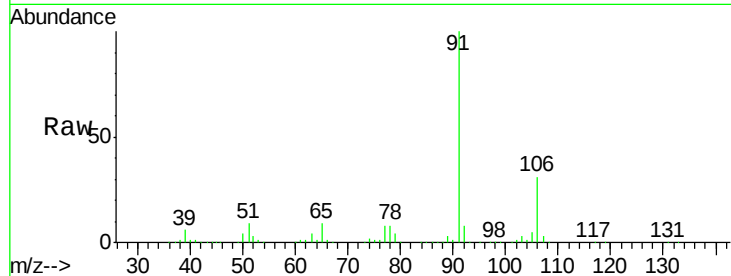
#67
Ethyl Benzene
Concen: 53.757 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 585521
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

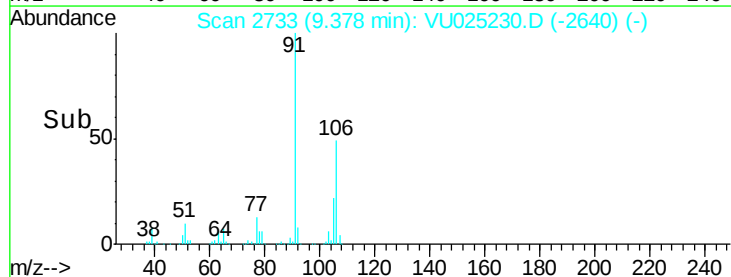
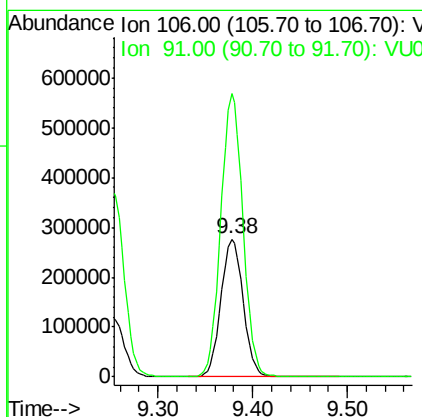
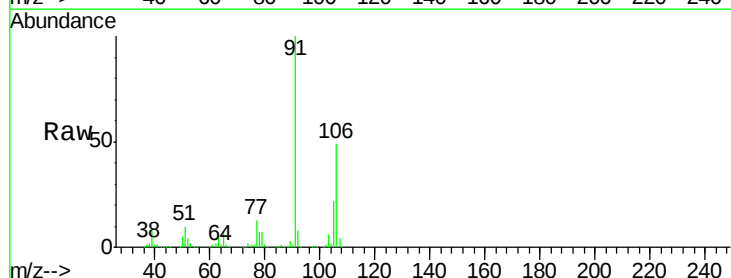
Manual Integrations
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#68
m/p-Xylenes
Concen: 108.209 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 106 Resp: 452588
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7





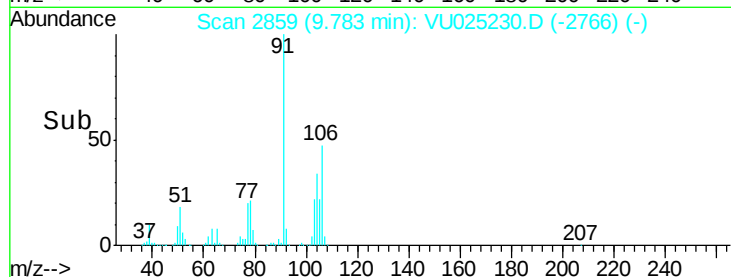
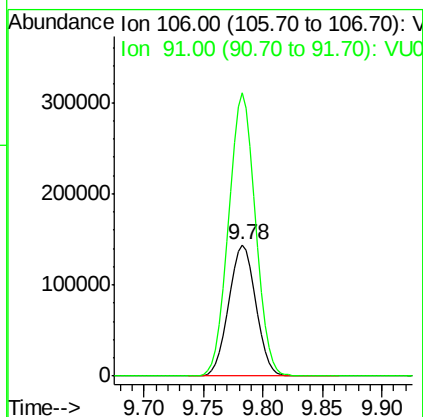
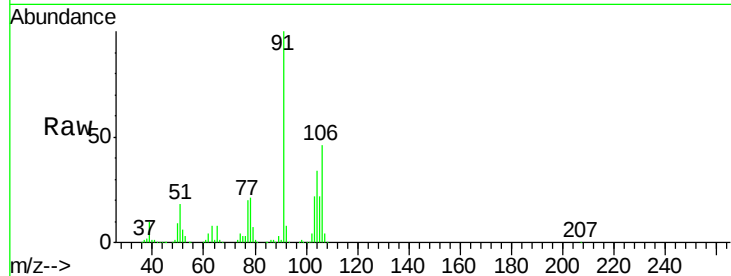
#69
o-Xylene
Concen: 55.020 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
227744	106			
	106	100		
	91	213.5	110.7	331.9

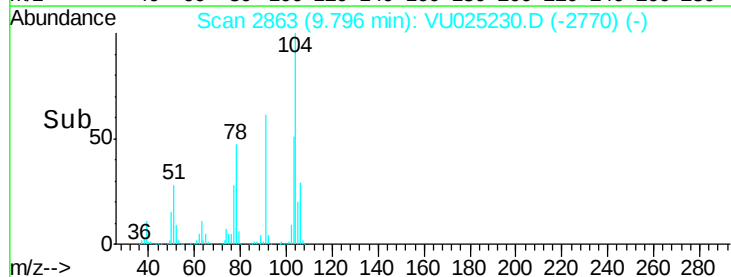
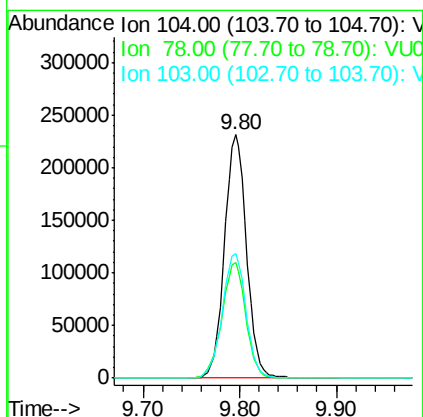
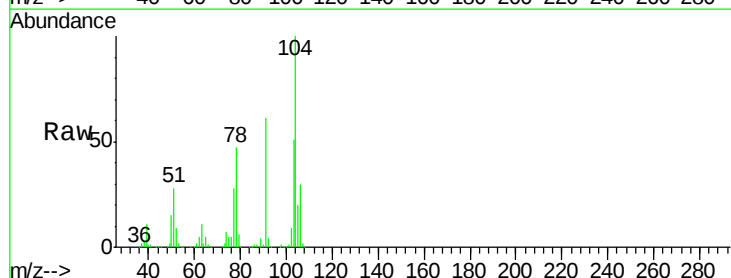
Manual Integrations
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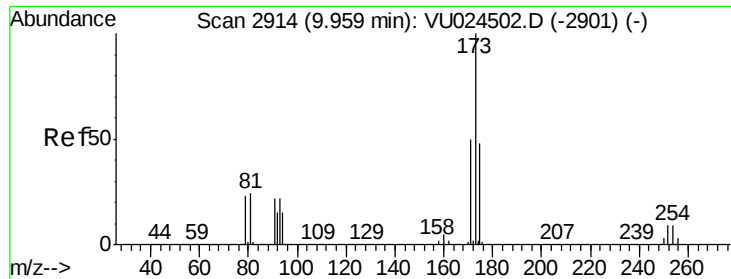
sam
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#70
Styrene
Concen: 53.776 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ion	Ratio	Lower	Upper
365798	104			
	104	100		
	78	51.5	40.6	60.8
	103	55.0	44.7	67.1





#71

Bromoform

Concen: 49.668 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

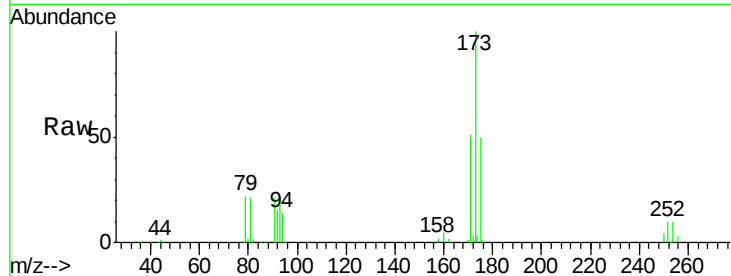
ClientSampleId :

VSTDCCC050EC

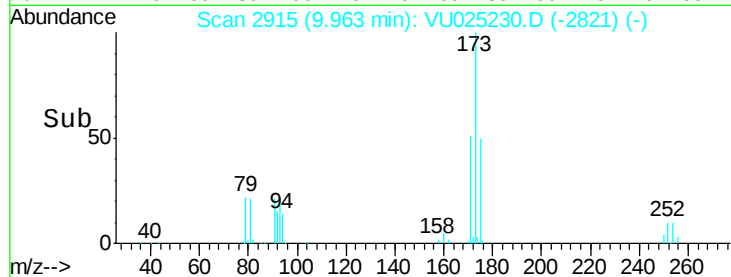
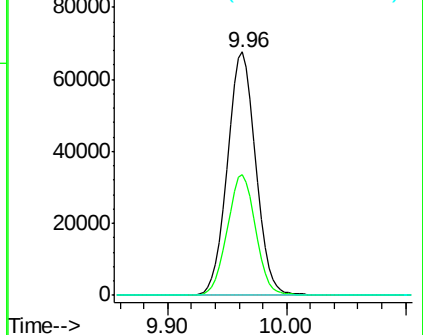
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	74.0
254	0.0	0.0	0.0

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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: 50.000 ug/l

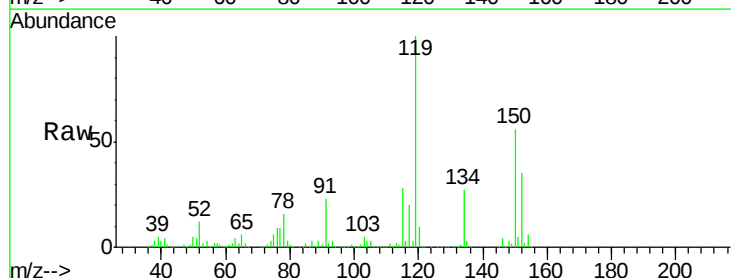
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

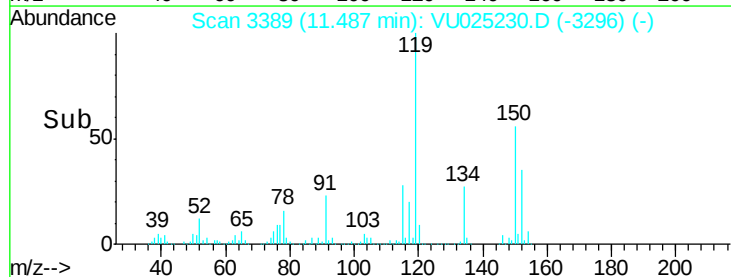
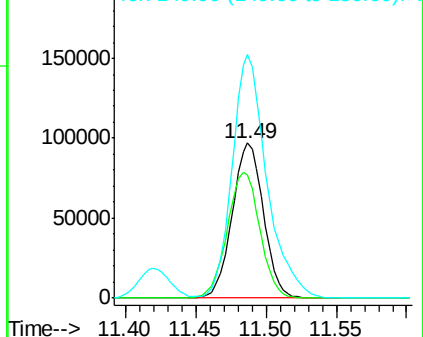
Lab File: VU025230.D

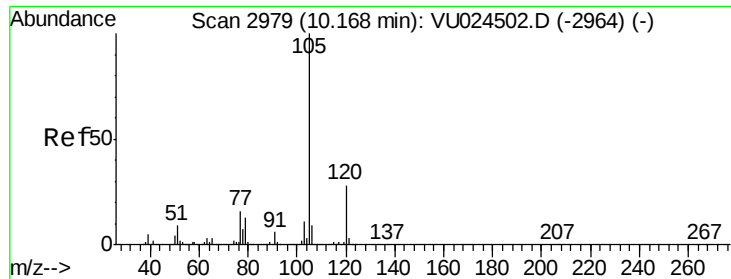
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.2	43.0	129.0
150	174.6	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: 52.861 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 608068

Ion Ratio Lower Upper

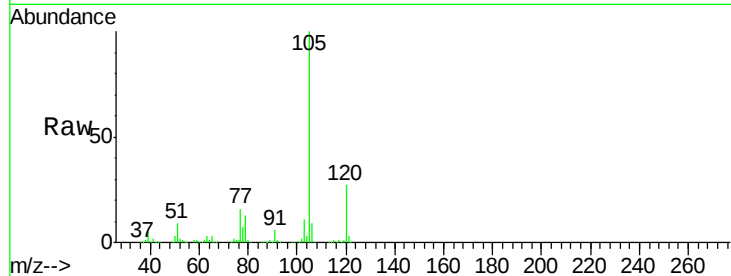
105 100

120 26.9 13.2 39.6

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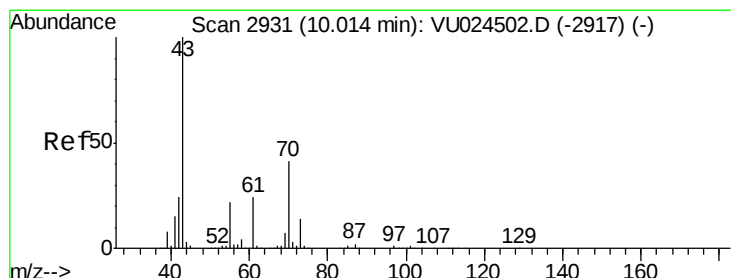
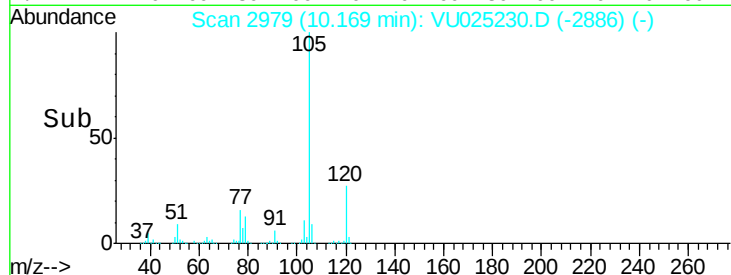
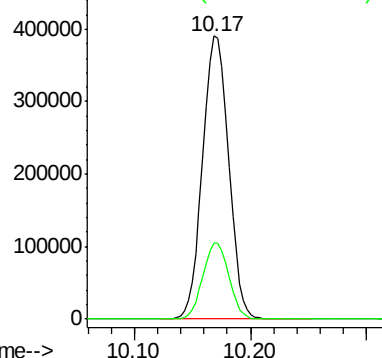
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.450 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion: 43 Resp: 270566

Ion Ratio Lower Upper

43 100

70 42.2 32.2 48.4

55 24.0 20.5 30.7

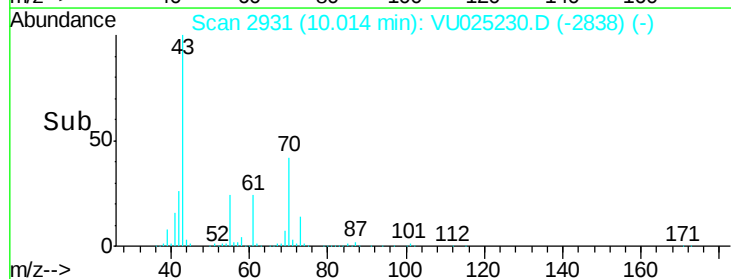
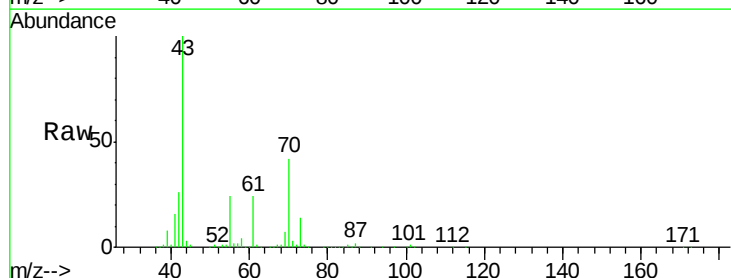
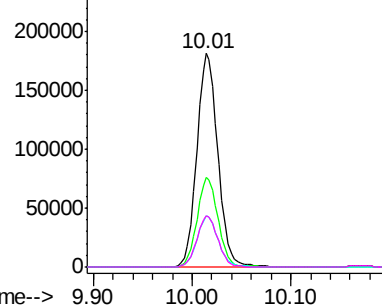
61 24.1 18.7 28.1

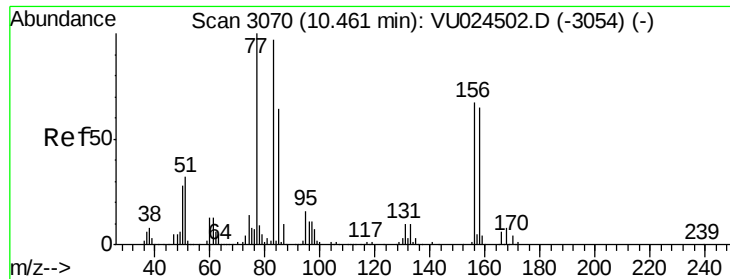
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 55.918 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 215549

Ion Ratio Lower Upper

83 100

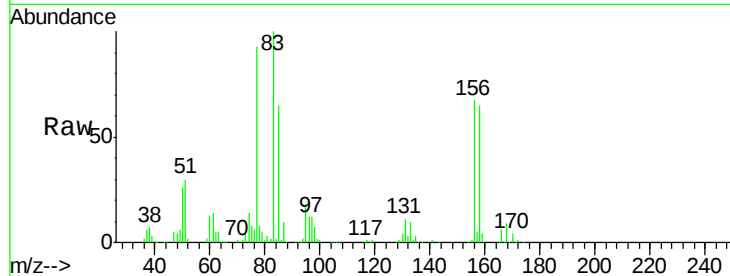
131 11.0 4.7 14.1

85 64.6 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VU025230.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025230.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025230.D (-2977) (-)

150000

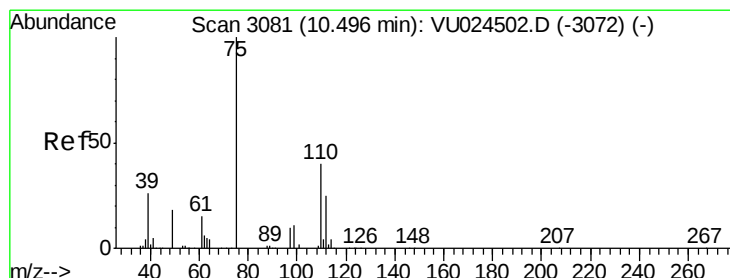
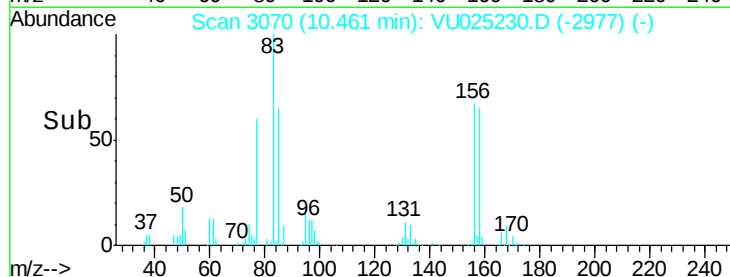
100000

50000

0

10.40 10.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 59.079 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025230.D

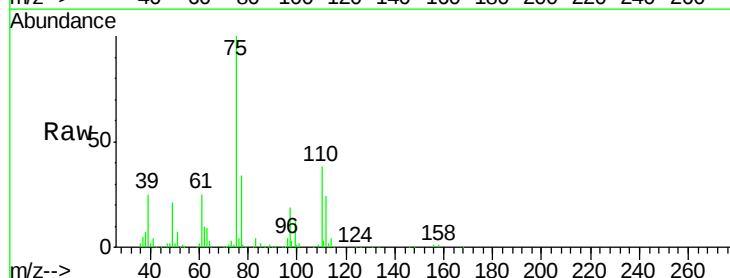
Acq: 05 Jul 2018 21:07

Tgt Ion: 75 Resp: 194883

Ion Ratio Lower Upper

75 100

77 39.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025230.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025230.D (-2988) (-)

150000

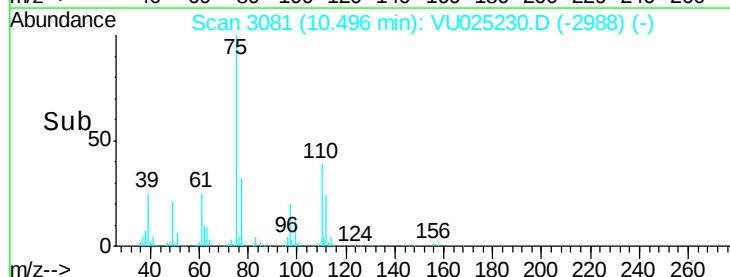
100000

50000

0

10.45 10.50

Time-->





#77

Bromobenzene

Concen: 55.218 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

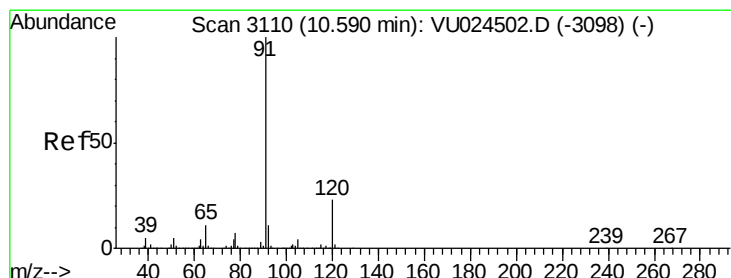
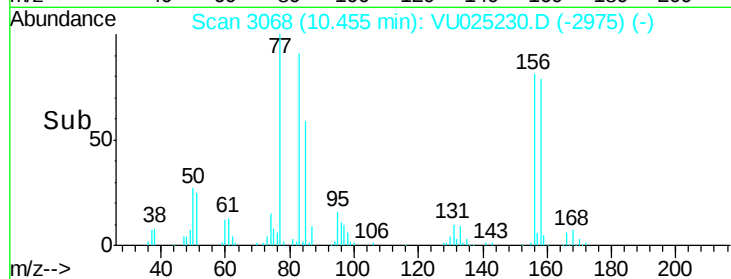
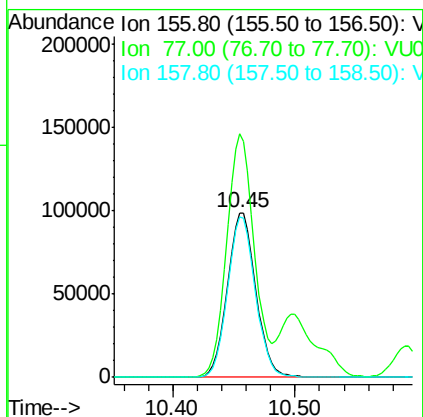
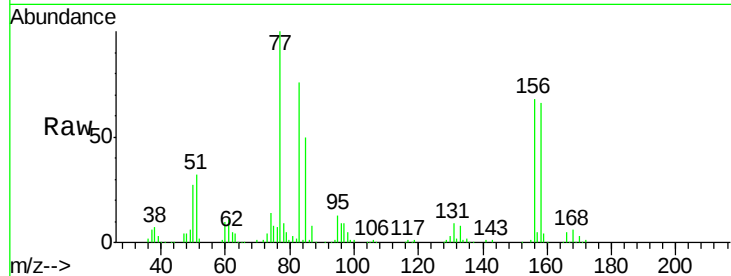
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	160804
Ion Ratio	Lower	Upper	
156	100		
77	144.5	80.5	241.3
158	95.8	48.2	144.6

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#78

n-propylbenzene

Concen: 50.515 ug/l

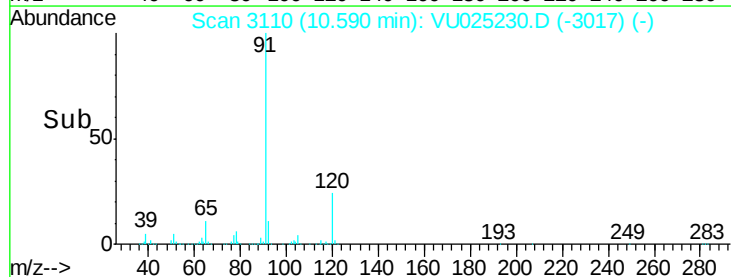
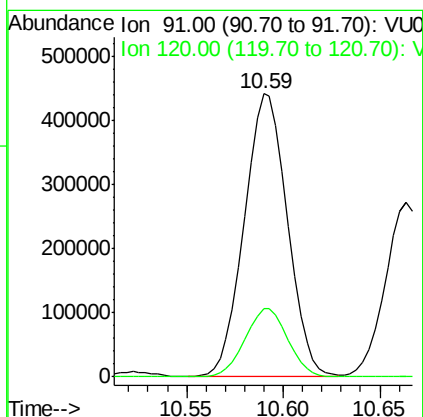
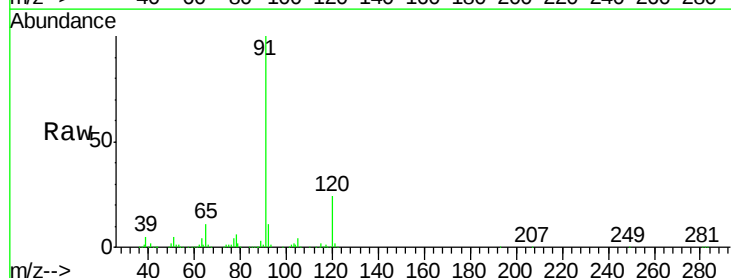
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	91	Resp:	684514
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.2	33.5





#79

2-Chlorotoluene

Concen: 52.631 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 420579

Ion Ratio Lower Upper

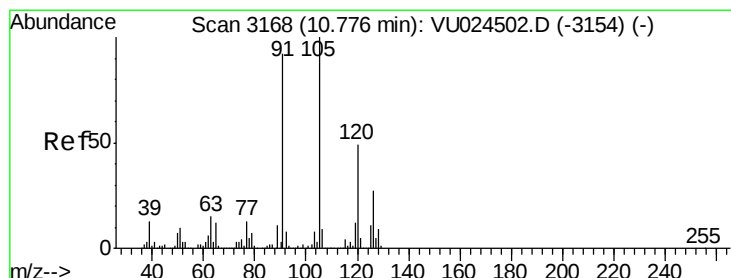
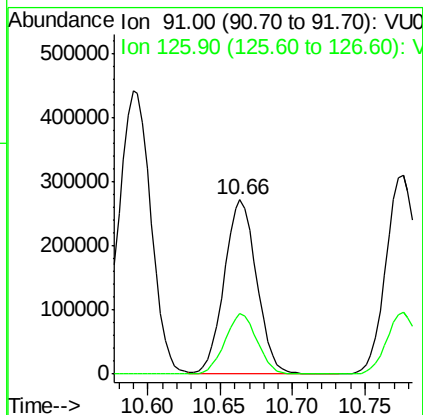
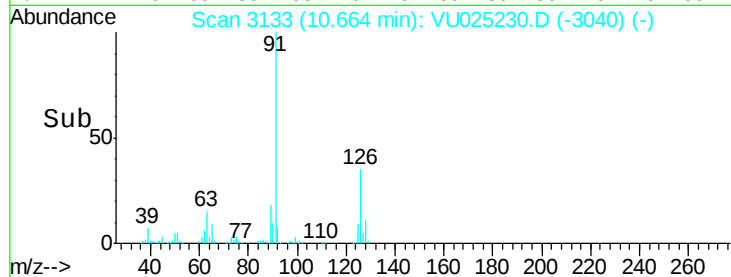
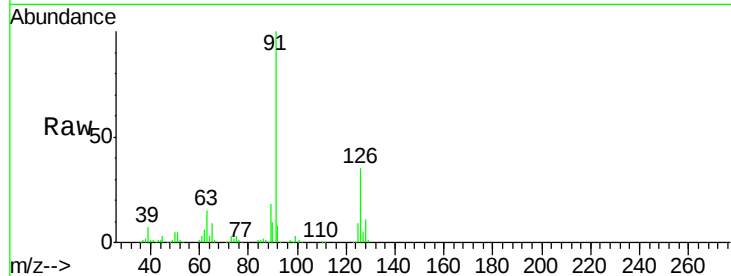
91 100

126 34.5 16.9 50.7

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 52.804 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025230.D

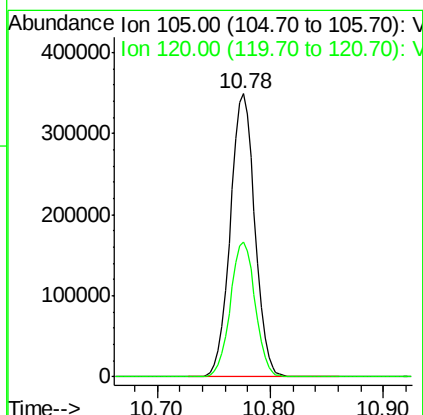
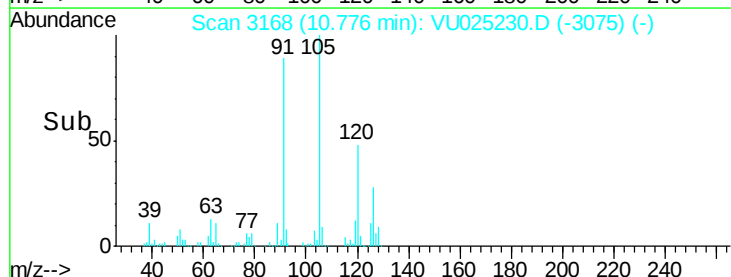
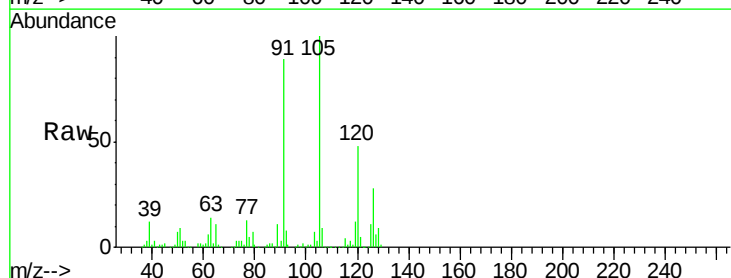
Acq: 05 Jul 2018 21:07

Tgt Ion: 105 Resp: 526469

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.321 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VU025230.D

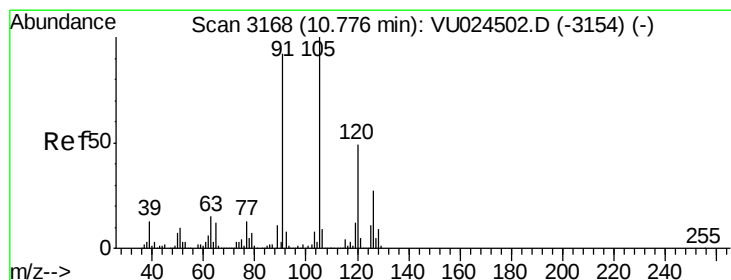
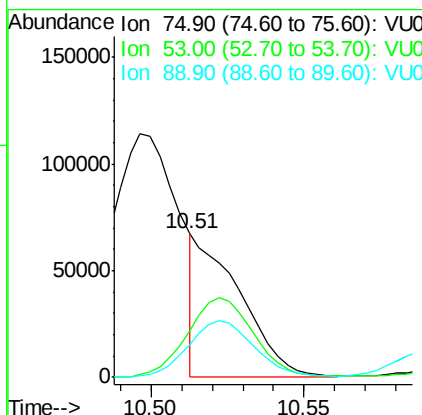
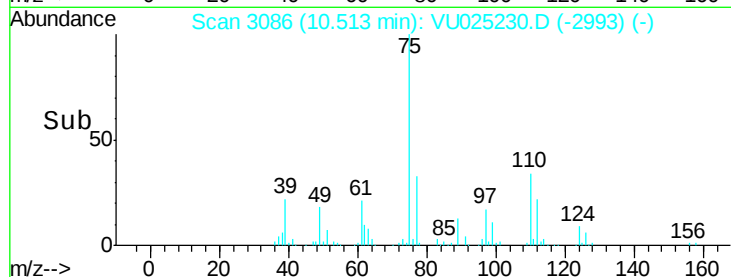
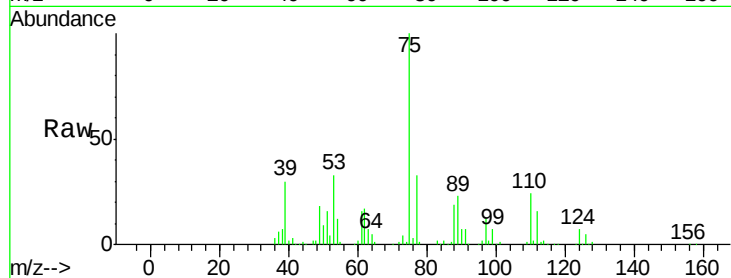
Acq: 05 Jul 2018 21:07

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: 51.790 ug/l

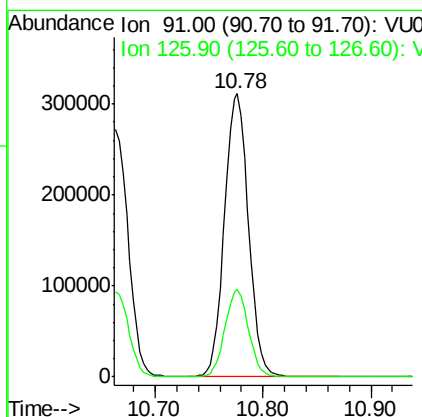
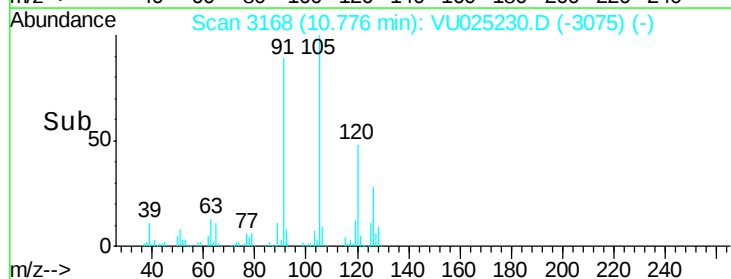
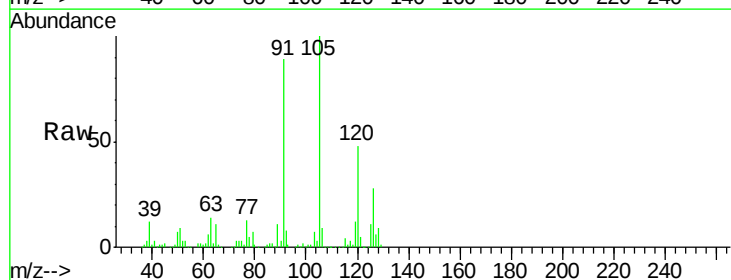
RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.9	44.9





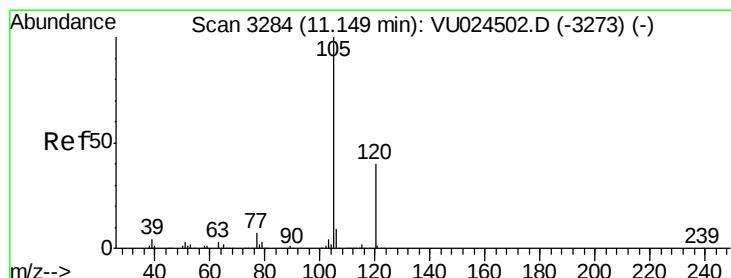
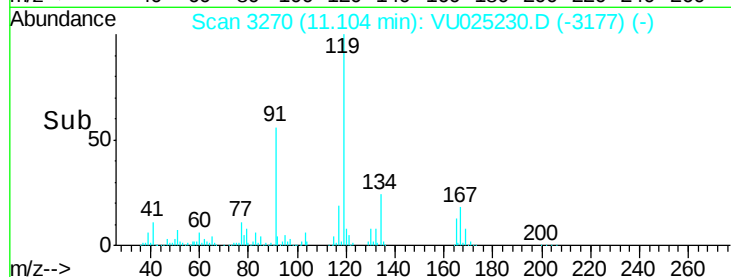
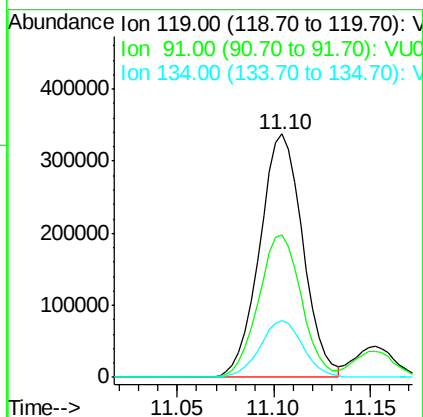
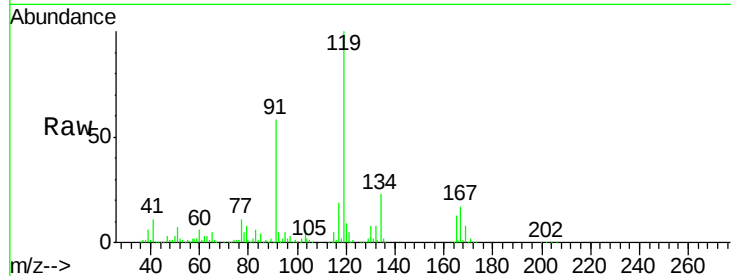
#83
tert-Butylbenzene
Concen: 54.845 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	525999		
91	58.3		29.7	89.1
134	23.2		11.6	34.7

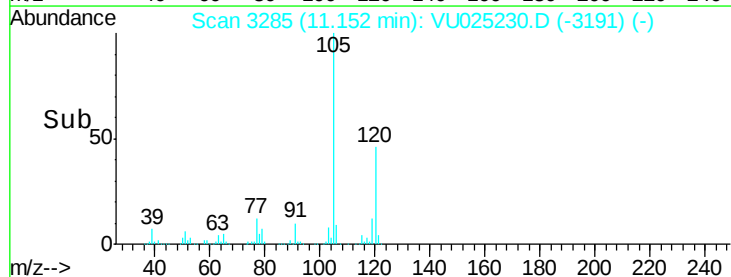
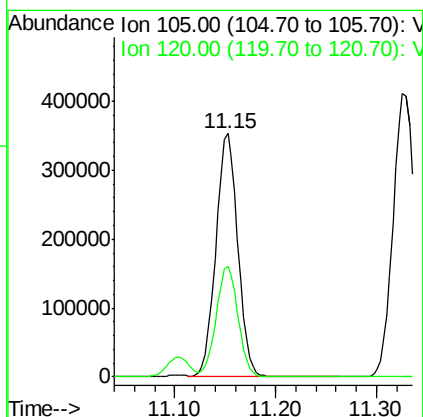
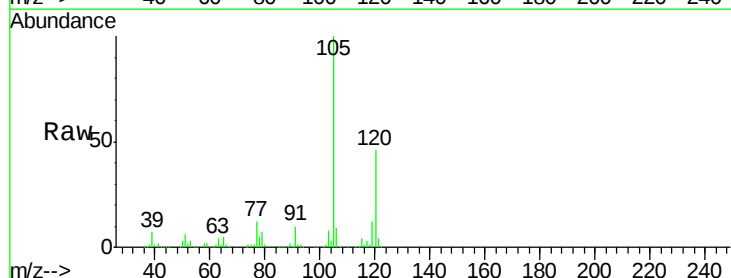
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 52.631 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534769		
120	45.2		22.6	67.8





#85

sec-Butylbenzene

Concen: 52.002 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 624285

Ion Ratio Lower Upper

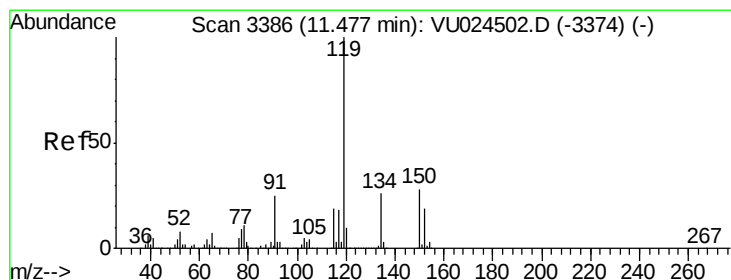
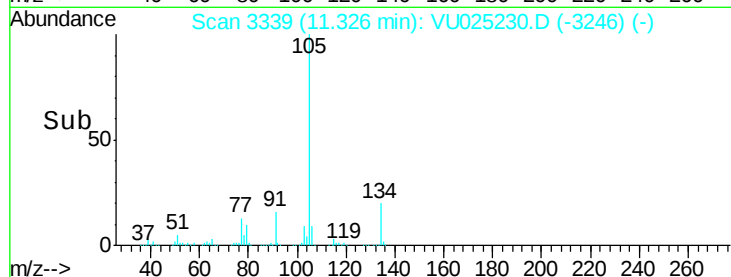
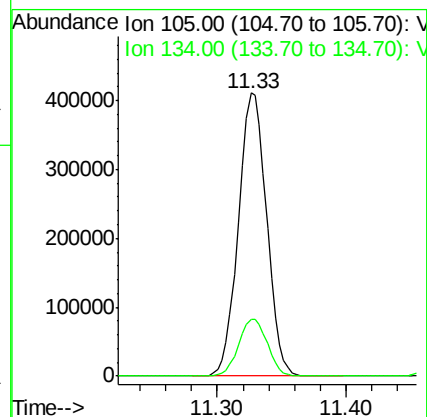
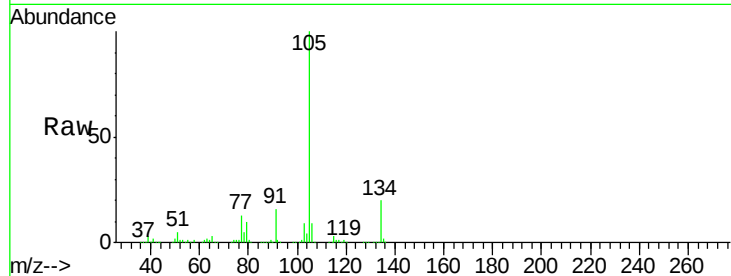
105 100

134 20.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 51.260 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

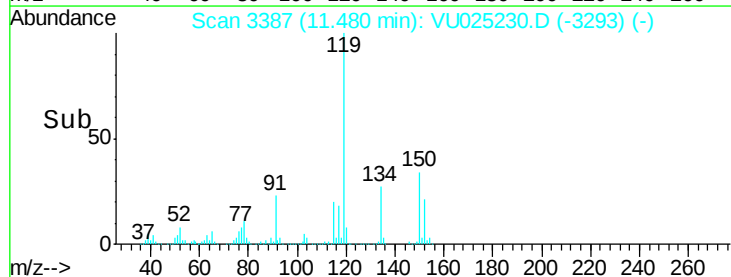
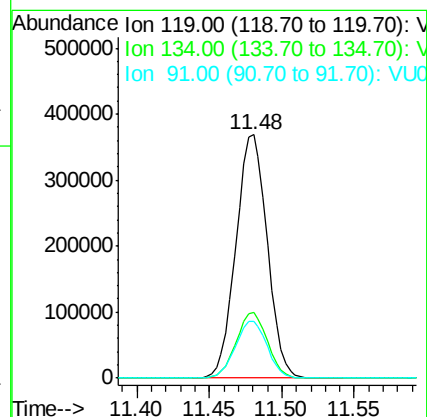
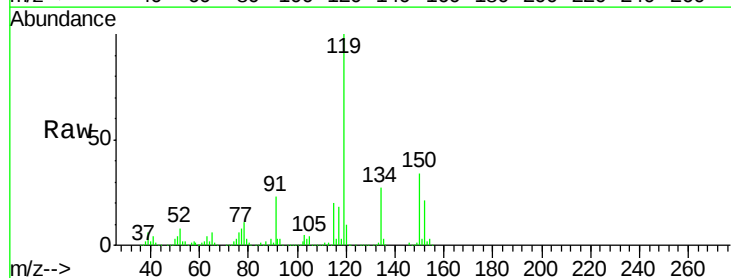
Tgt Ion:119 Resp: 551143

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 23.7 12.0 36.1





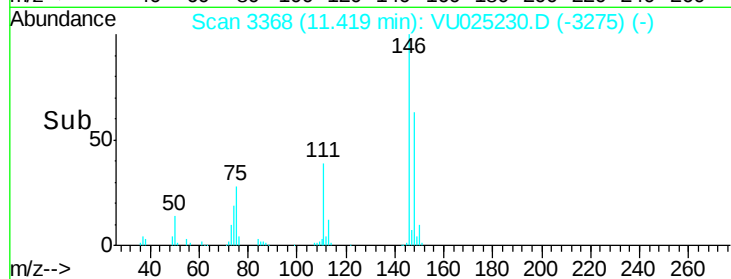
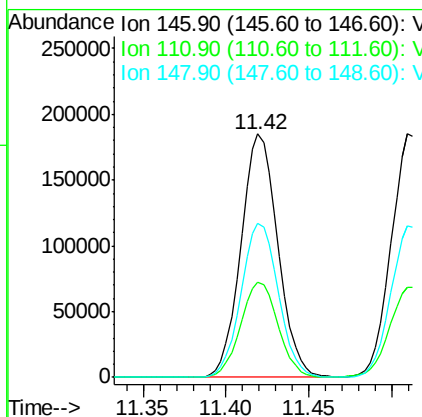
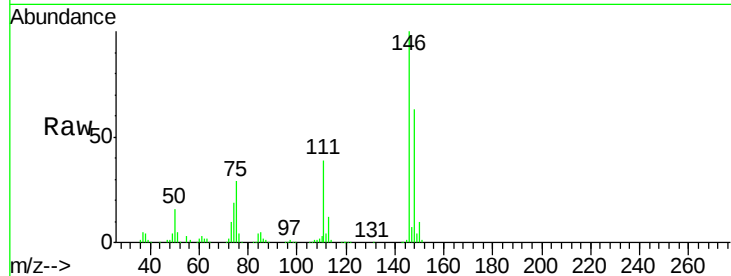
#87
 1,3-Dichlorobenzene
 Concen: 53.144 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.0	32.1	96.5

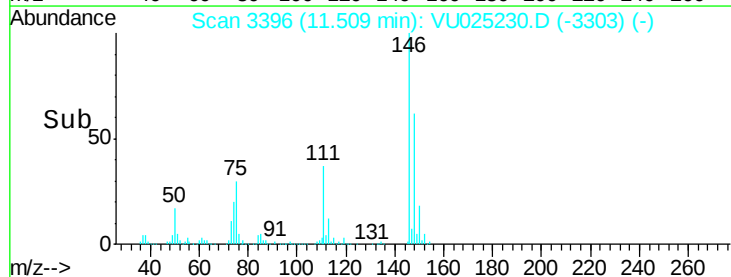
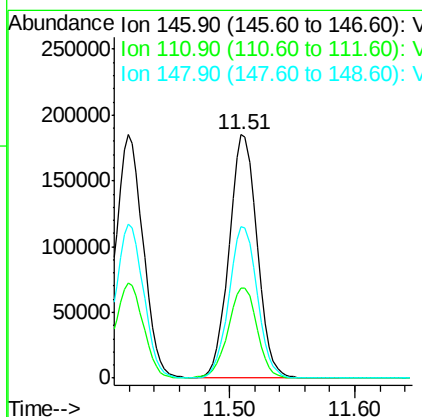
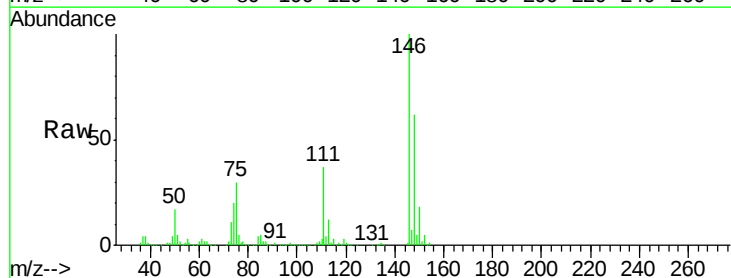
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 52.865 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.3	32.4	97.0





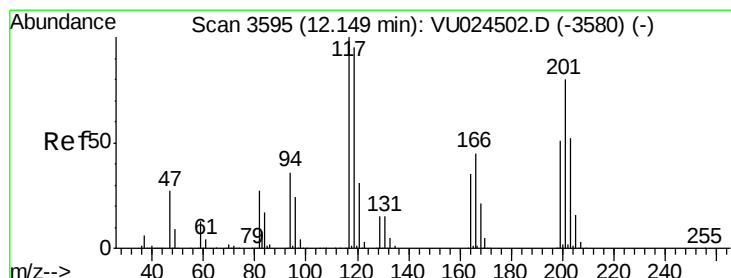
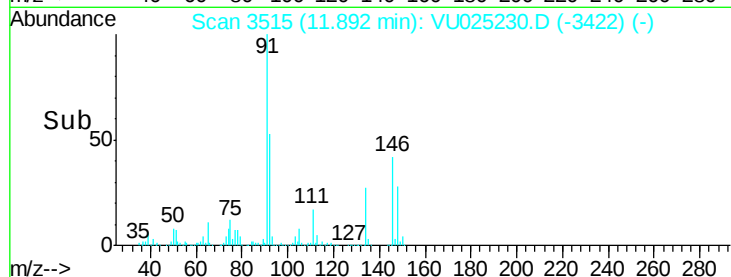
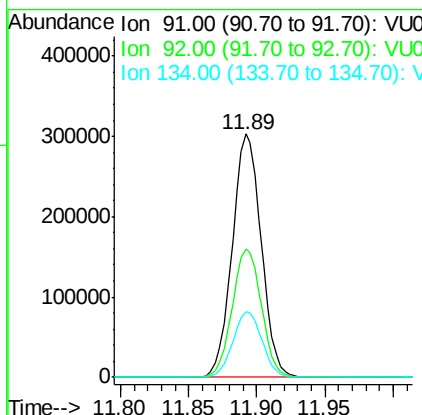
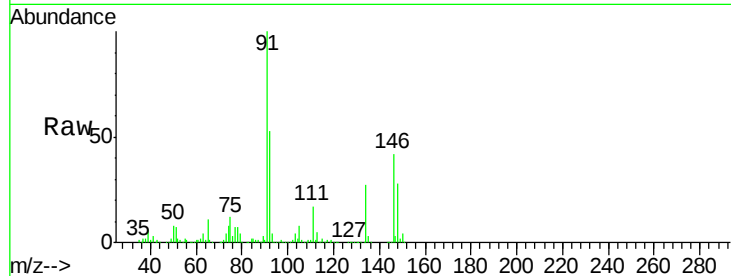
#89
n-Butylbenzene
Concen: 46.656 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

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

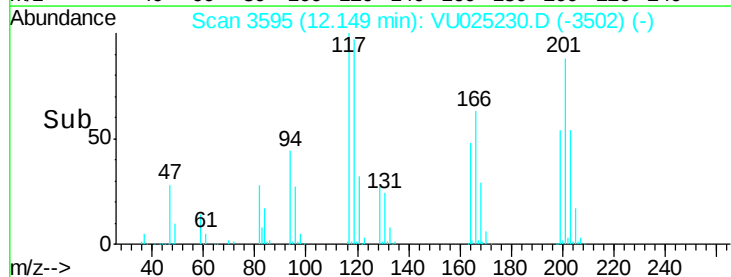
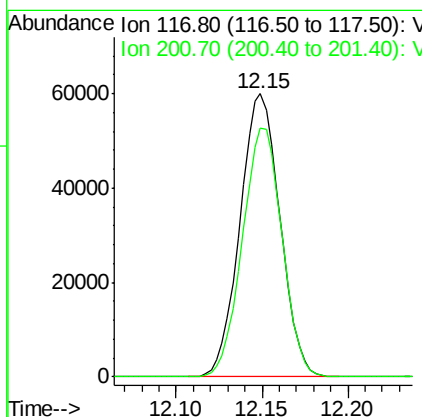
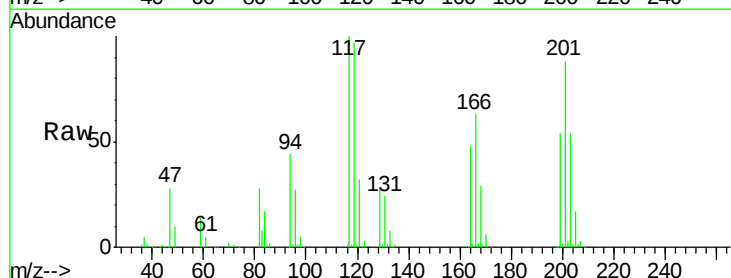
Manual Integrations
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#90
Hexachloroethane
Concen: 46.076 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	41.1	123.3





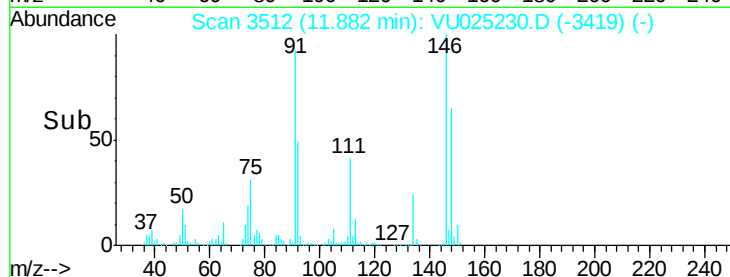
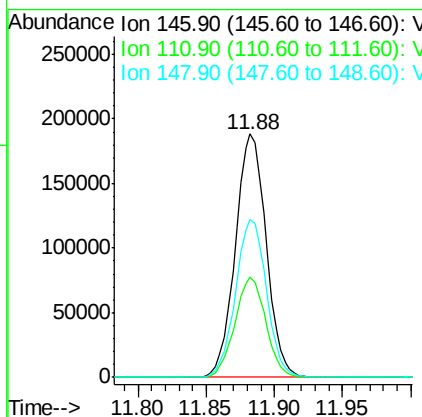
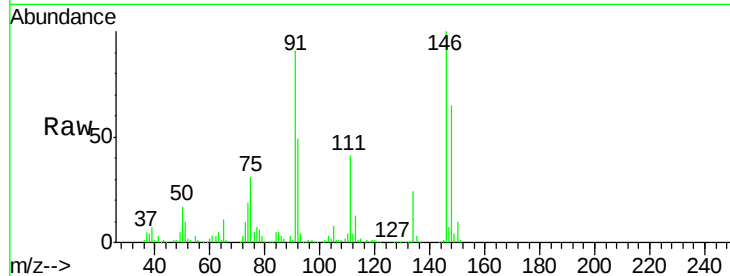
#91
 1,2-Dichlorobenzene
 Concen: 54.870 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.6
148	65.1	31.9	95.7

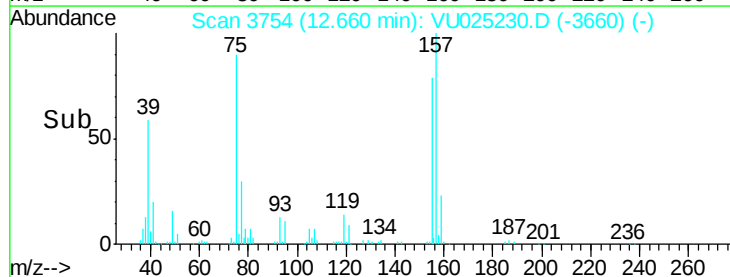
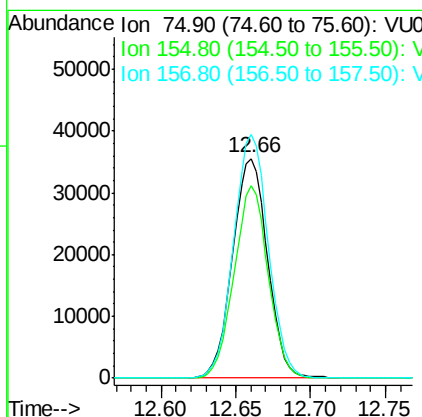
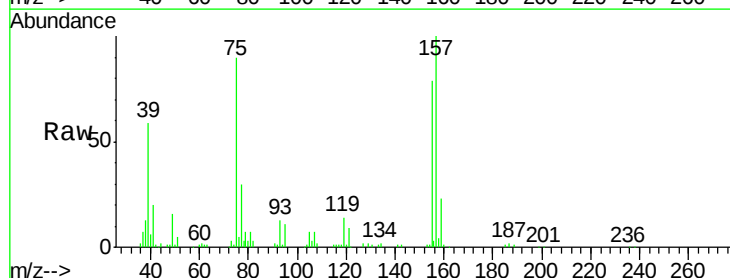
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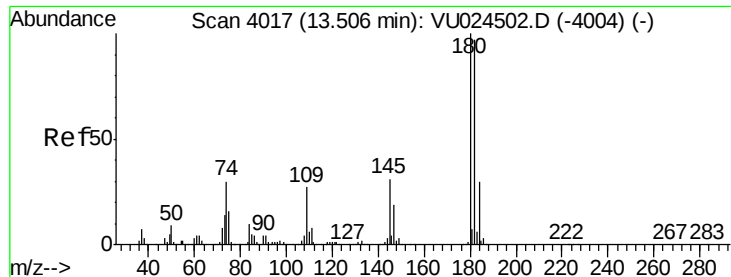
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.459 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	40.4	121.2
157	110.1	52.3	156.8





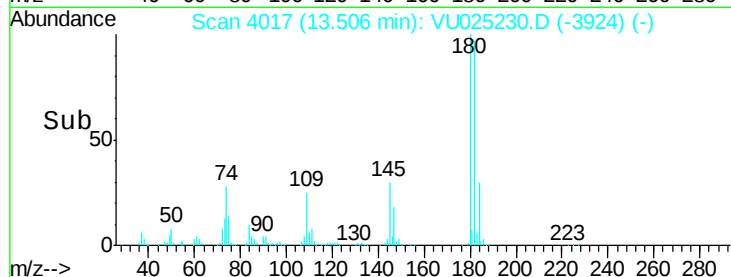
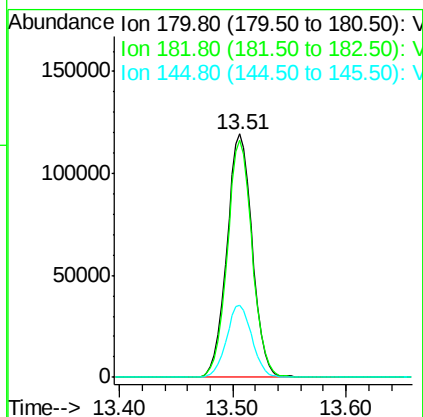
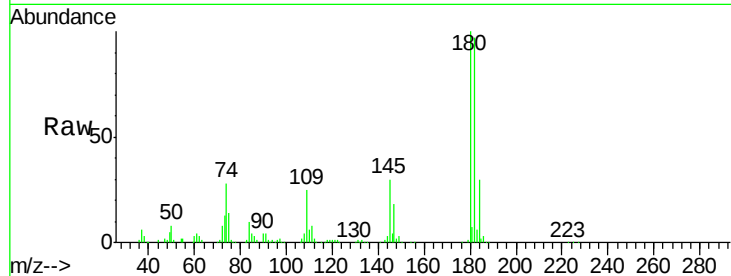
#93
 1,2,4-Trichlorobenzene
 Concen: 55.920 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	186094		
182	95.5	48.0	144.2	
145	29.9	14.7	44.1	

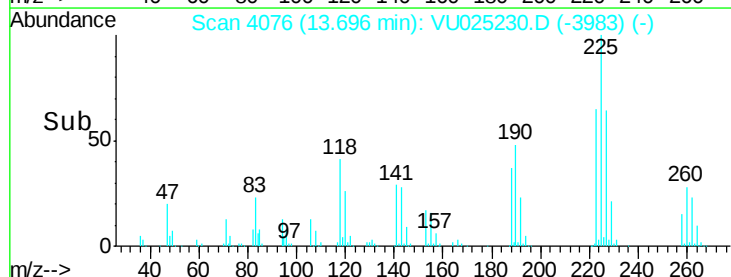
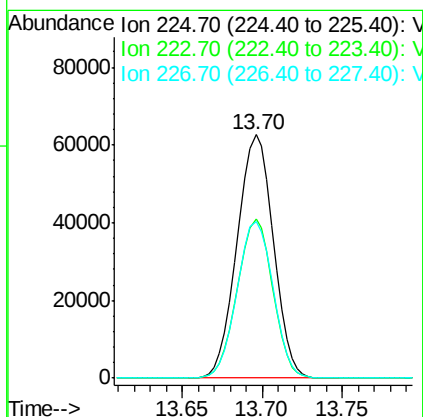
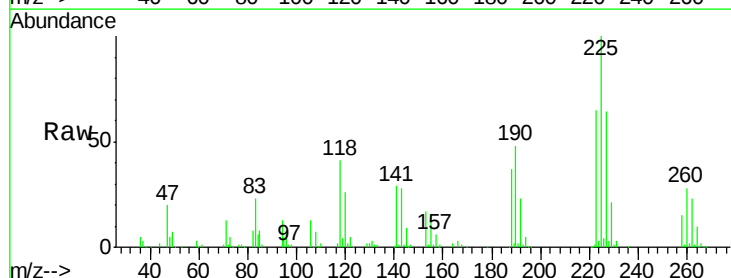
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 51.747 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96926		
223	63.7	31.3	93.8	
227	63.7	31.8	95.4	





#95

Naphthalene

Concen: 57.711 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

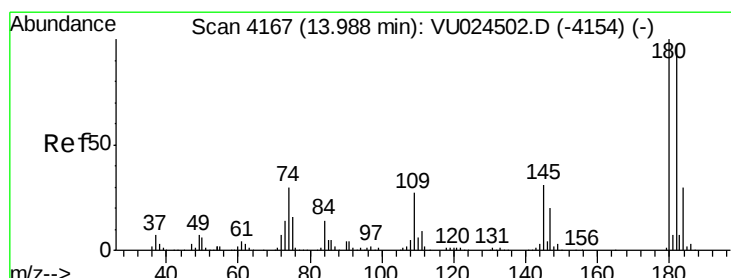
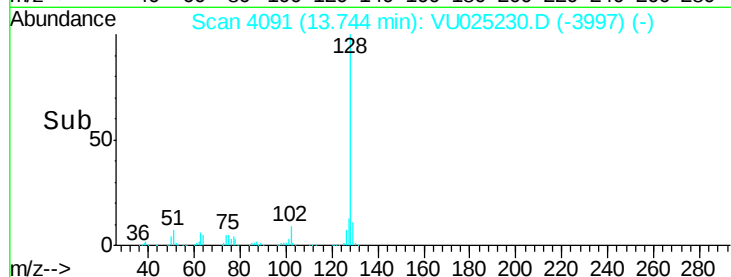
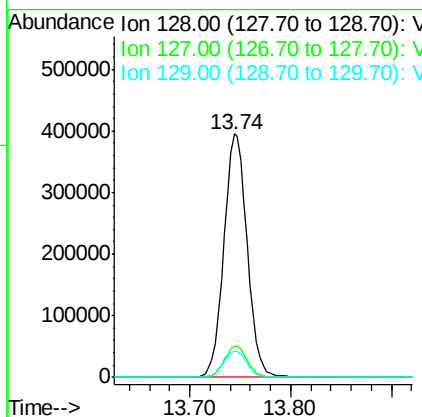
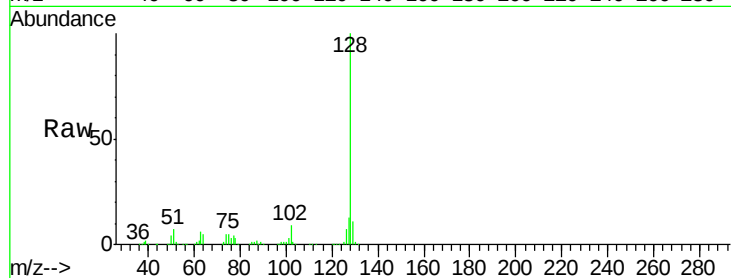
VSTDCCC050EC

Tot Ion:	128	Resp:	636961
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 59.980 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion:	180	Resp:	198892
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.7
145	31.8	15.4	46.1

