

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000056.D
 Acq On : 09 Feb 2018 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 2/14/2018 5:29:56 PM

Quant Time: Feb 10 00:38:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	134688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	203470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	64321	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	5.51	113	58255	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.73	98	211048	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.15	95	87270	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59097	48.42	ug/l	98
3) Chloromethane	1.32	50	60853	48.97	ug/l	98
4) Vinyl Chloride	1.41	62	70161	50.09	ug/l	100
5) Bromomethane	1.64	94	48173	64.39	ug/l	98
6) Chloroethane	1.72	64	43869	52.10	ug/l	99
7) Trichlorofluoromethane	1.93	101	120767	49.48	ug/l	98
8) Diethyl Ether	2.20	74	43176	48.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67585	49.02	ug/l	99
10) Methyl Iodide	2.52	142	78185	46.81	ug/l	100
11) Tert butyl alcohol	3.09	59	152557	270.92	ug/l	100
12) 1,1-Dichloroethene	2.38	96	63244	48.40	ug/l	99
13) Acrolein	2.30	56	69978	242.11	ug/l	98
14) Allyl chloride	2.73	41	109769	48.21	ug/l	98
15) Acrylonitrile	3.16	53	254563	259.47	ug/l	100
16) Acetone	2.45	43	226419	271.77	ug/l	98
17) Carbon Disulfide	2.57	76	186265	48.92	ug/l	99
18) Methyl Acetate	2.79	43	114091	54.31	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	221327	49.49	ug/l	100
20) Methylene Chloride	2.86	84	68456	49.07	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	68681	48.83	ug/l	98
22) Diisopropyl ether	3.89	45	182558	48.55	ug/l	98
23) Vinyl Acetate	3.84	43	849104	249.81	ug/l	99
24) 1,1-Dichloroethane	3.71	63	112938	48.32	ug/l	98
25) 2-Butanone	4.73	43	344361	273.86	ug/l	98
26) 2,2-Dichloropropane	4.60	77	93757	46.81	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	69102	50.13	ug/l	99
28) Bromochloromethane	5.03	49	37005	47.75	ug/l	98
29) Tetrahydrofuran	5.19	42	232163	269.44	ug/l	99
30) Chloroform	5.23	83	119515	50.73	ug/l	100
31) Cyclohexane	5.59	56	94876	49.41	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	112533	50.75	ug/l	100
36) 1,1-Dichloropropene	5.81	75	89929	48.36	ug/l	99
37) Ethyl Acetate	4.88	43	120719	50.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	104233	49.92	ug/l	97

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109651	48.57	ug/l	98
40) Benzene	6.15	78	259064	49.29	ug/l	98
41) Methacrylonitrile	5.08	41	61729	50.05	ug/l	99
42) 1,2-Dichloroethane	6.21	62	93600	49.86	ug/l	100
43) Isopropyl Acetate	6.48	43	177977	49.16	ug/l	99
44) Trichloroethene	7.23	130	79955	49.17	ug/l	99
45) 1,2-Dichloropropane	7.53	63	64303	50.32	ug/l	100
46) Dibromomethane	7.67	93	49302	49.99	ug/l	99
47) Bromodichloromethane	7.91	83	95275	49.68	ug/l	99
48) Methyl methacrylate	7.79	41	86955	48.93	ug/l	99
49) 1,4-Dioxane	7.78	88	47928	1012.51	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	663357	262.95	ug/l	99
52) Toluene	8.79	92	176578	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	111631	49.76	ug/l	99
54) cis-1,3-Dichloropropene	9.06	75	111431	51.11	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	73542	49.68	ug/l	98
56) Ethyl methacrylate	9.20	69	116091	51.12	ug/l	100
57) 1,3-Dichloropropane	9.38	76	115992	50.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	283871	253.07	ug/l	100
59) 2-Hexanone	9.51	43	555228	270.61	ug/l	100
60) Dibromochloromethane	9.59	129	87819	51.58	ug/l	99
61) 1,2-Dibromoethane	9.68	107	83232	51.04	ug/l	99
64) Tetrachloroethene	9.35	164	78275	51.68	ug/l	97
65) Chlorobenzene	10.15	112	208845	49.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77211	50.78	ug/l	99
67) Ethyl Benzene	10.26	91	348535	49.72	ug/l	99
68) m/p-Xylenes	10.37	106	280424	100.44	ug/l	99
69) o-Xylene	10.71	106	135036	50.11	ug/l	99
70) Styrene	10.72	104	225976	49.64	ug/l	99
71) Bromoform	10.87	173	74552	51.82	ug/l	97
73) Isopropylbenzene	11.03	105	360495	48.29	ug/l	99
74) N-amyl acetate	6.48	43	177977	47.64	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	124307	48.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112900m	50.95	ug/l	
77) Bromobenzene	11.26	156	99854	49.30	ug/l	100
78) n-propylbenzene	11.37	91	420461	48.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	243333	48.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	302713	48.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	44084	49.23	ug/l	93
82) 4-Chlorotoluene	11.52	91	289122	48.34	ug/l	100
83) tert-Butylbenzene	11.78	119	307458	48.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	315585	49.30	ug/l	99
85) sec-Butylbenzene	11.96	105	378002	48.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	339122	48.50	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	183494	48.08	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	188806	48.34	ug/l	99
89) n-Butylbenzene	12.40	91	310155	47.48	ug/l	100
90) Hexachloroethane	12.60	117	59021	48.27	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	181045	48.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35222	48.44	ug/l	99

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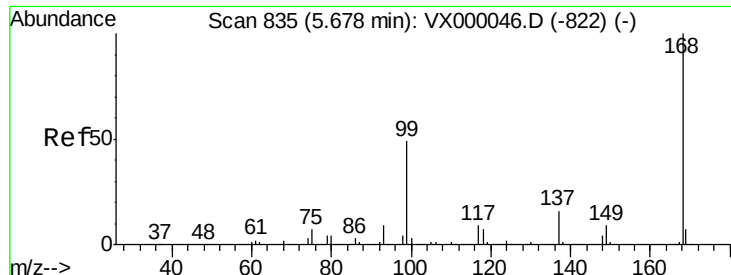
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	135716	47.51	ug/l	100
94) Hexachlorobutadiene	13.79	225	64004	47.50	ug/l	99
95) Naphthalene	13.85	128	455077	49.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	133859	48.17	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 168 Resp: 134688

Ion Ratio Lower Upper

168 100

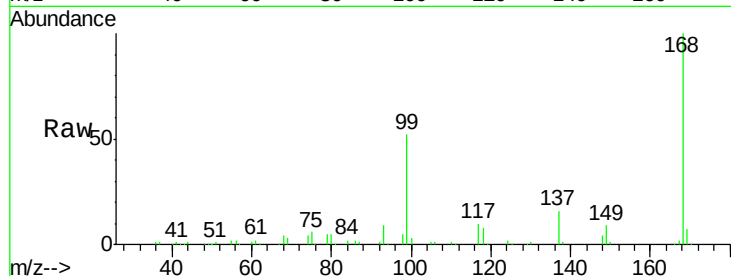
99 52.2 39.4 59.2

Manual Integrations

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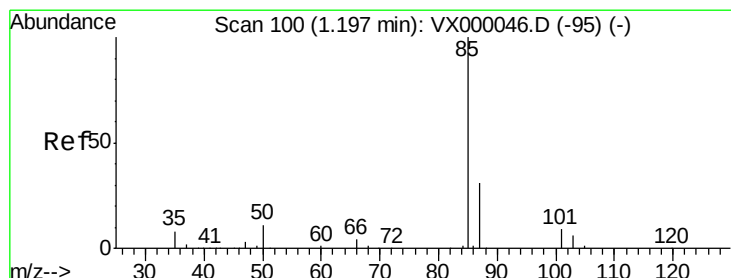
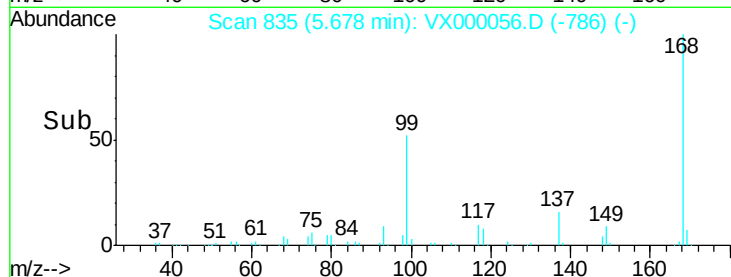
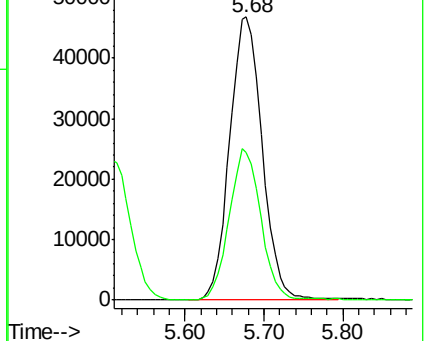
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000056.D

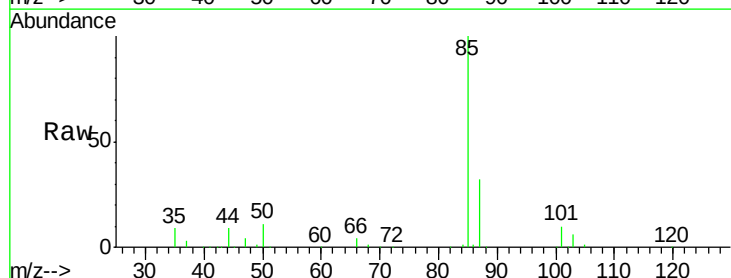
Acq: 09 Feb 2018 22:05

Tgt Ion: 85 Resp: 59097

Ion Ratio Lower Upper

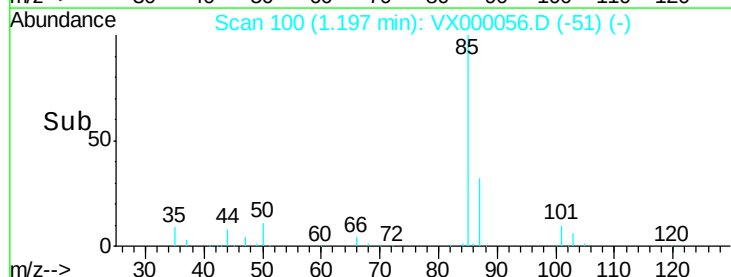
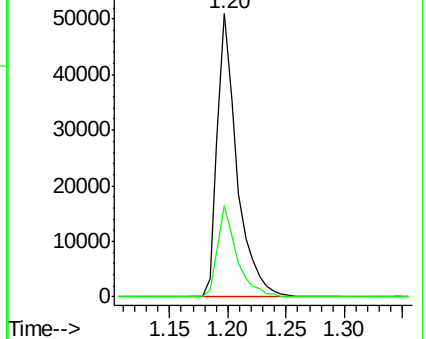
85 100

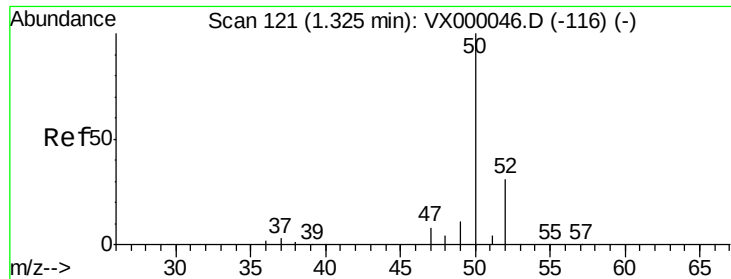
87 32.5 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 50 Resp: 60853

Ion Ratio Lower Upper

50 100

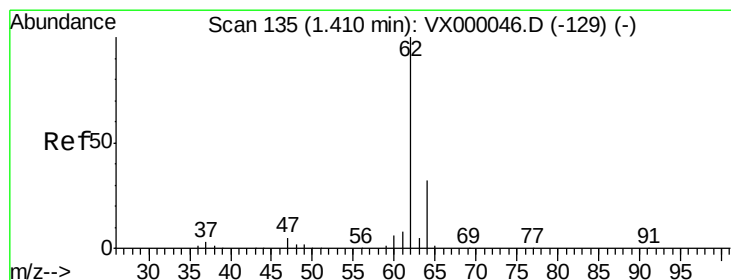
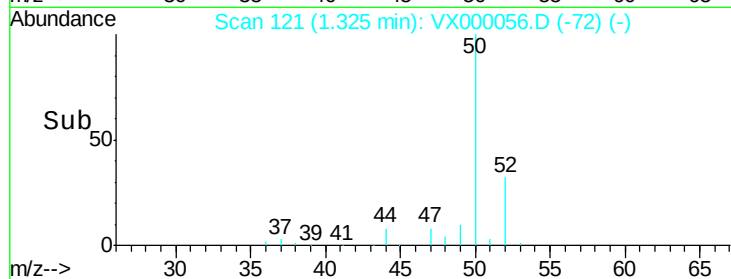
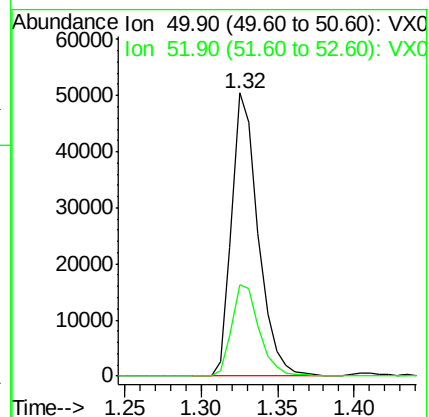
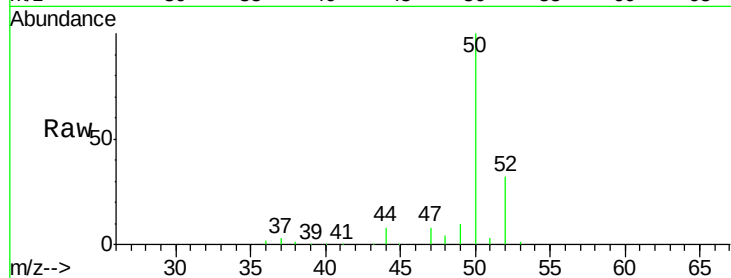
52 32.3 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.09 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000056.D

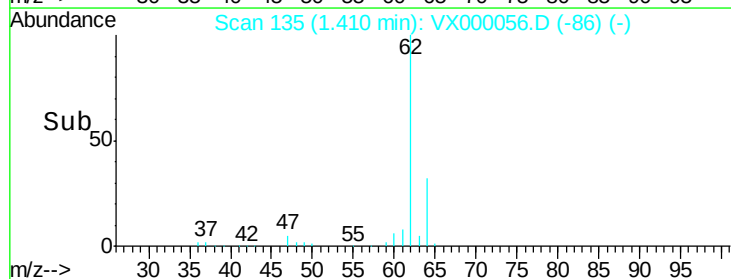
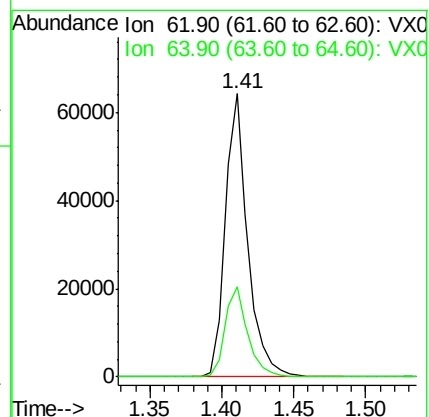
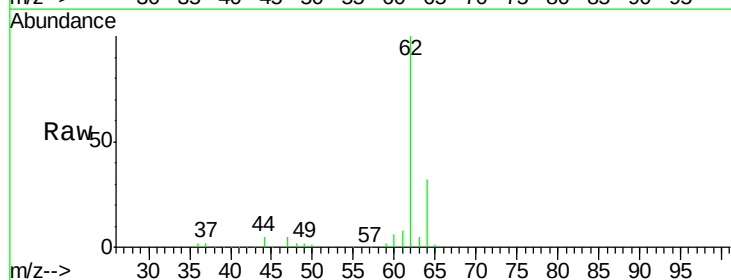
Acq: 09 Feb 2018 22:05

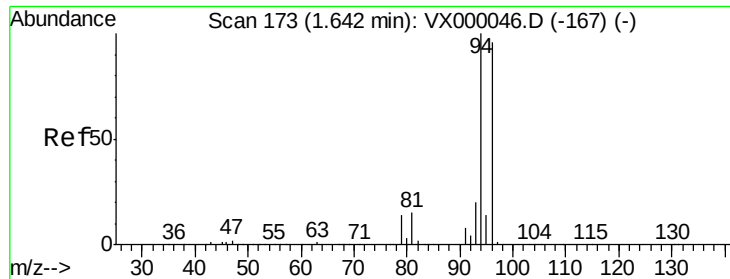
Tgt Ion: 62 Resp: 70161

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 64.39 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 94 Resp: 48173

Ion Ratio Lower Upper

94 100

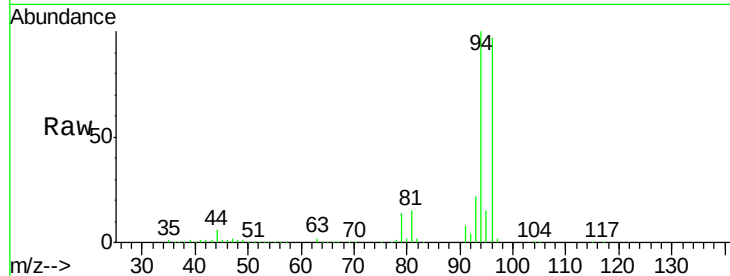
96 97.4 76.7 115.1

Manual Integrations

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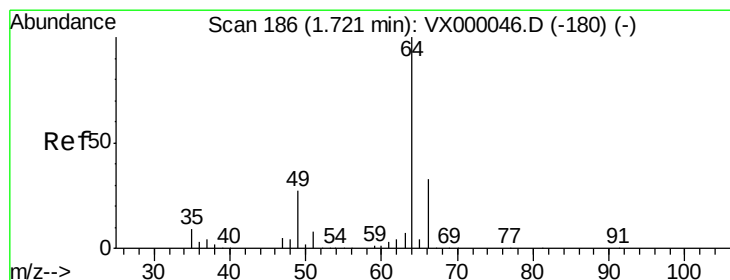
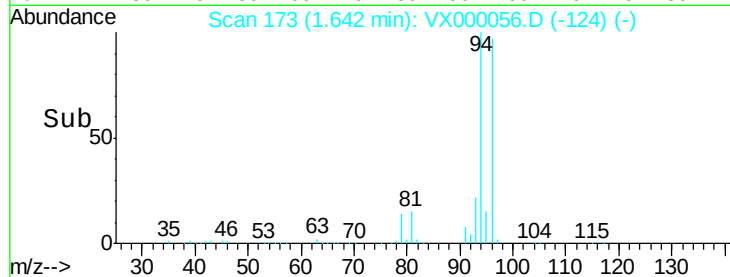
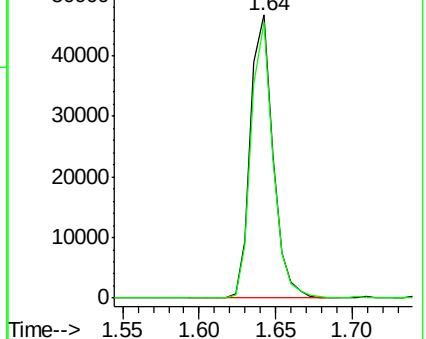
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000056.D

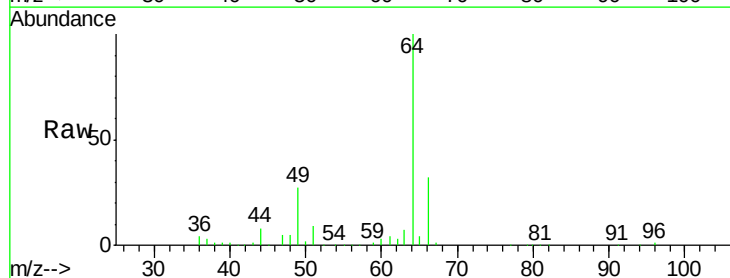
Acq: 09 Feb 2018 22:05

Tgt Ion: 64 Resp: 43869

Ion Ratio Lower Upper

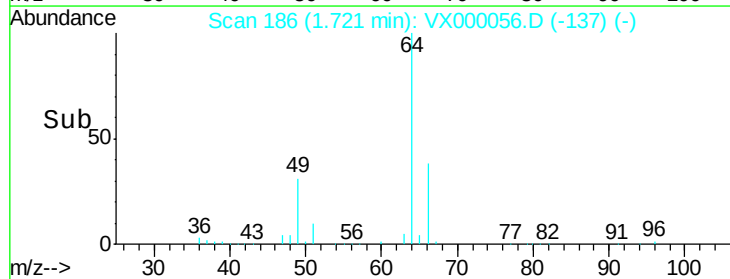
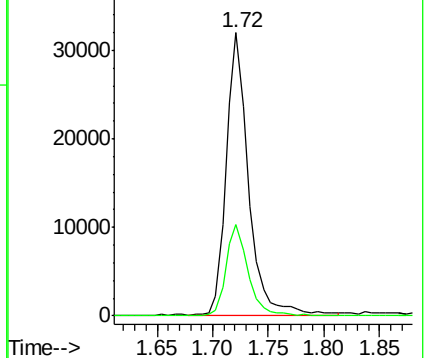
64 100

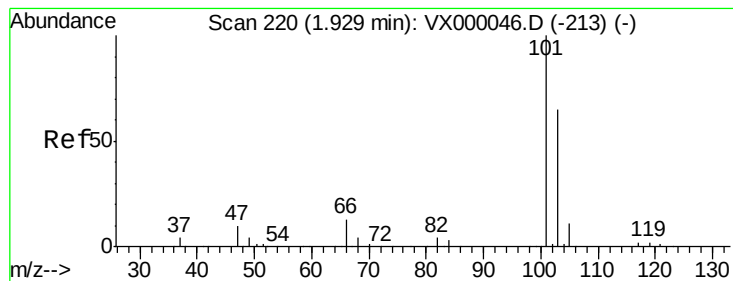
66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

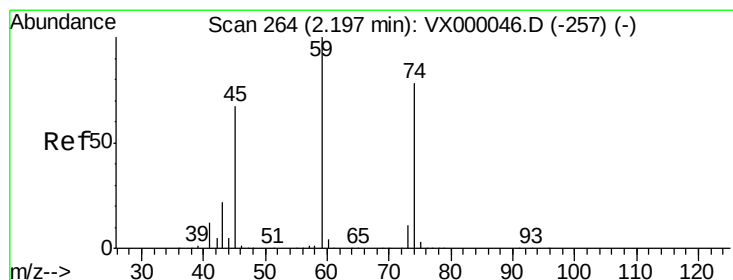
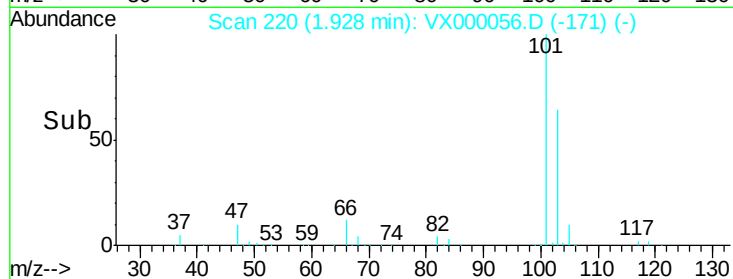
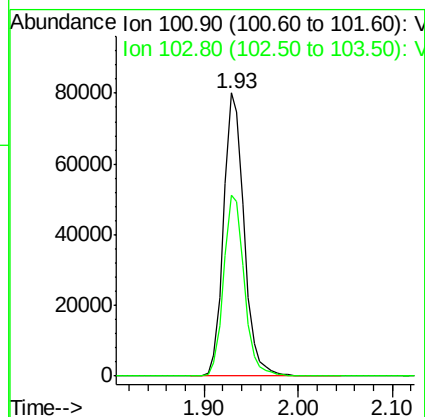
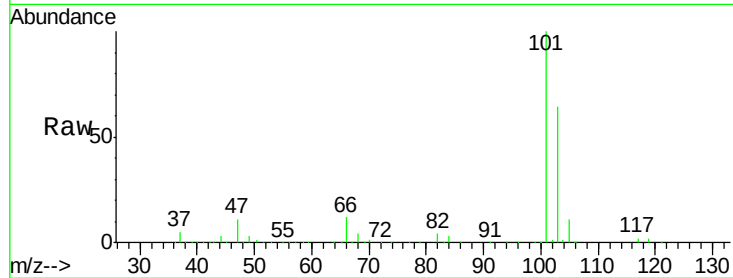
Trichlorofluoromethane
Concen: 49.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 120767
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

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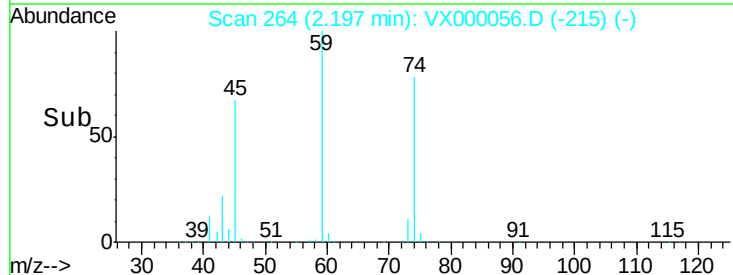
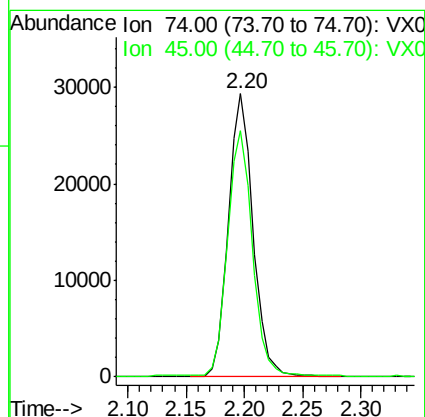
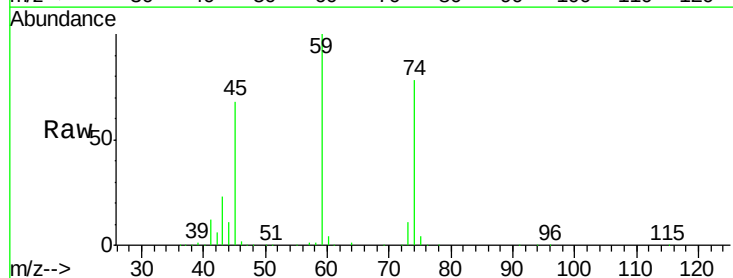
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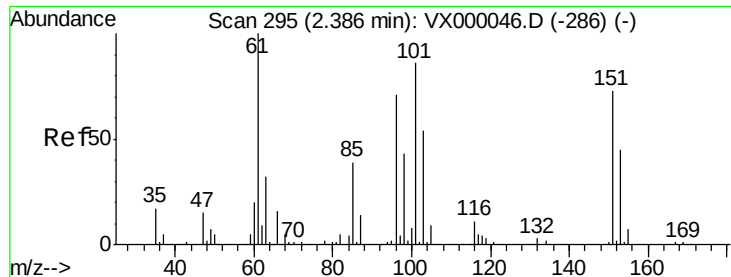


#8

Diethyl Ether
Concen: 48.87 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 74 Resp: 43176
Ion Ratio Lower Upper
74 100
45 87.1 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.02 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

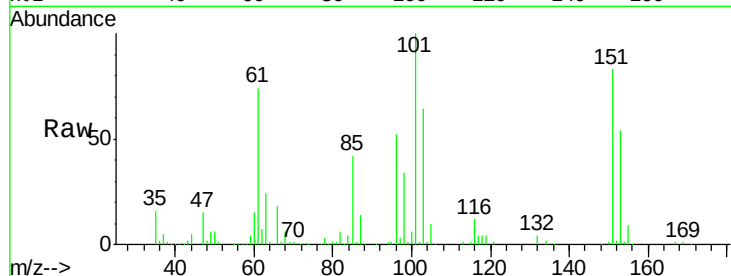
Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampleId :

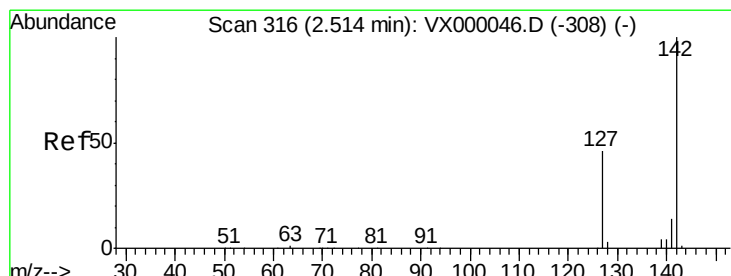
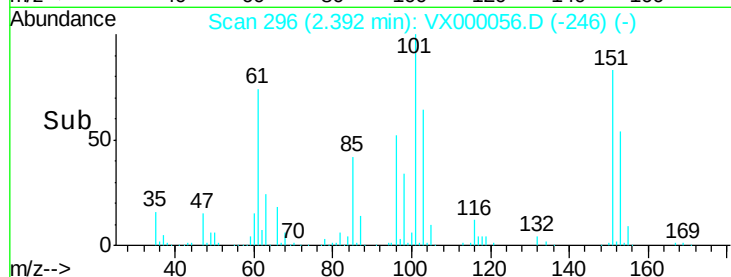
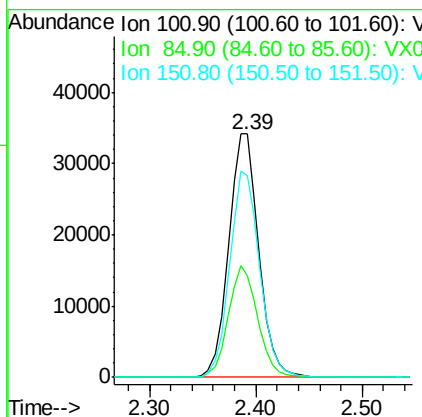
VSTDCCC050EC



Tgt Ion:	101	Resp:	67585
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.6	54.8
151	84.6	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 46.81 ug/l

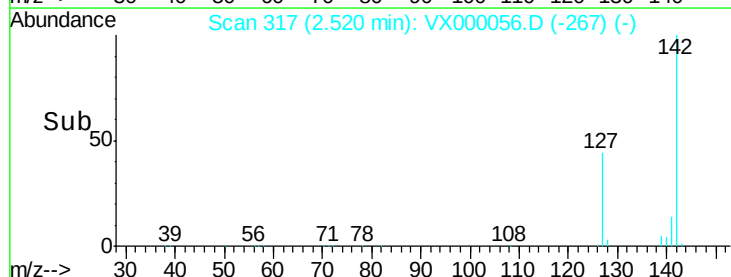
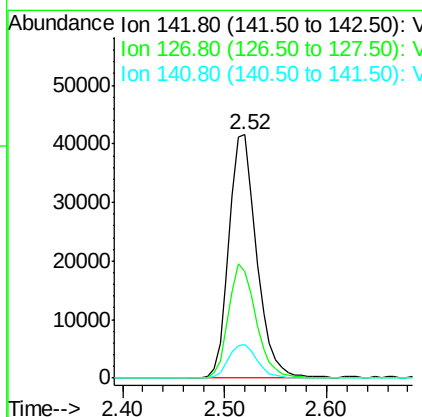
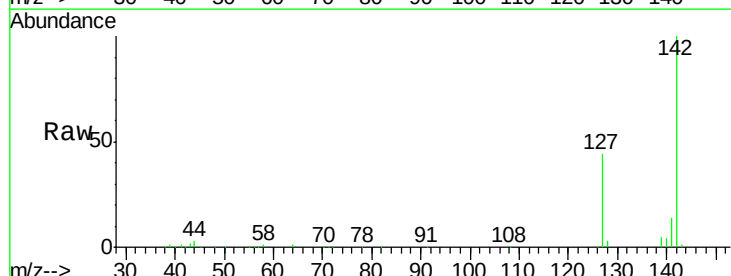
RT: 2.52 min Scan# 317

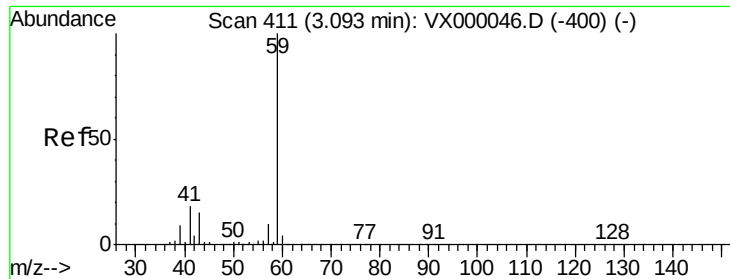
Delta R.T. 0.01 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	142	Resp:	78185
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.8	55.2
141	14.3	11.4	17.0





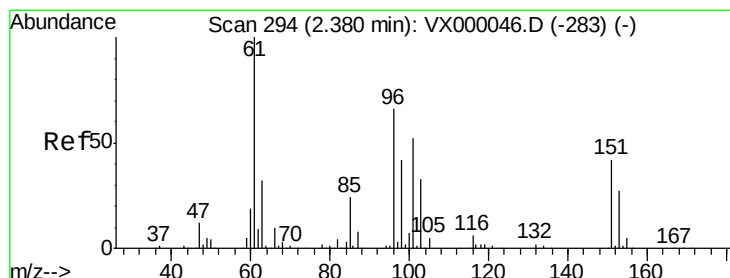
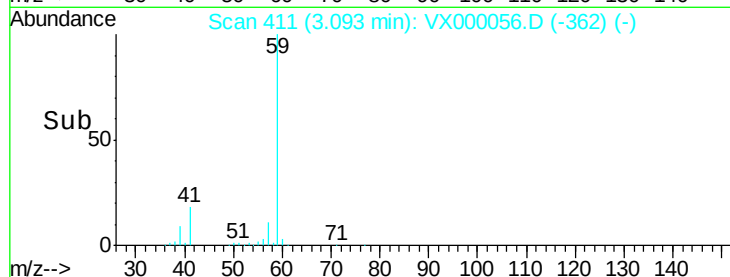
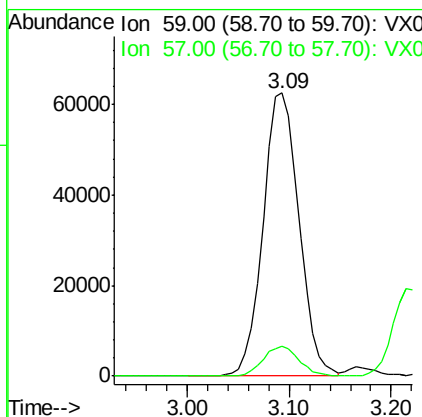
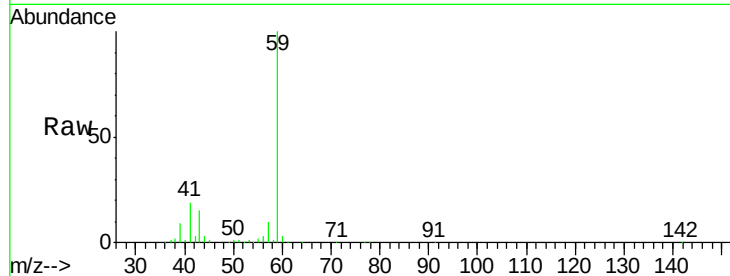
#11
Tert butyl alcohol
Concen: 270.92 ug/l
RT: 3.09 min Scan# 411
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 59 Resp: 152557
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

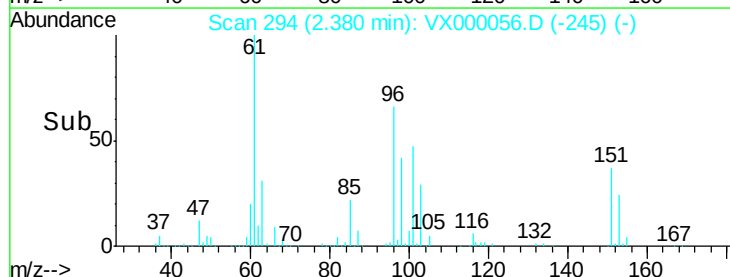
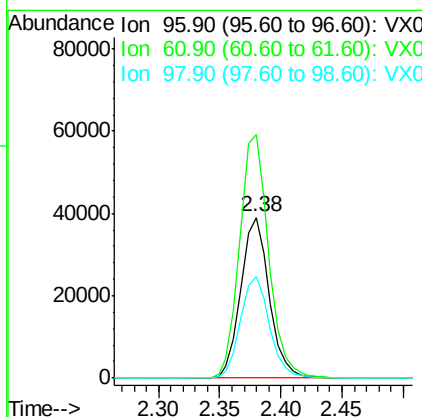
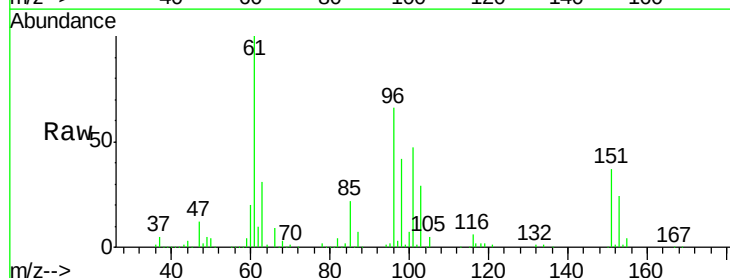
Manual Integrations
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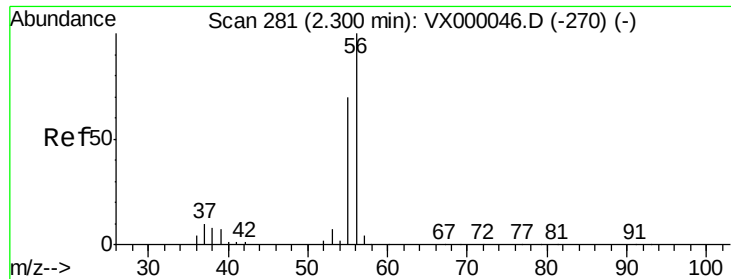
sam
2/14/2018 5:29:56 PM



#12
1,1-Dichloroethene
Concen: 48.40 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 96 Resp: 63244
Ion Ratio Lower Upper
96 100
61 151.7 120.3 180.5
98 63.7 51.0 76.4





#13

Acrolein

Concen: 242.11 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 56 Resp: 69978

Ion Ratio Lower Upper

56 100

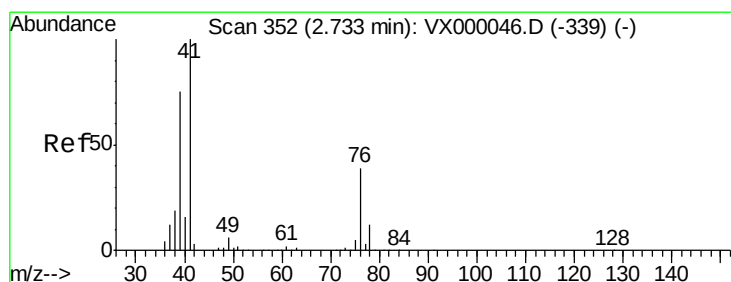
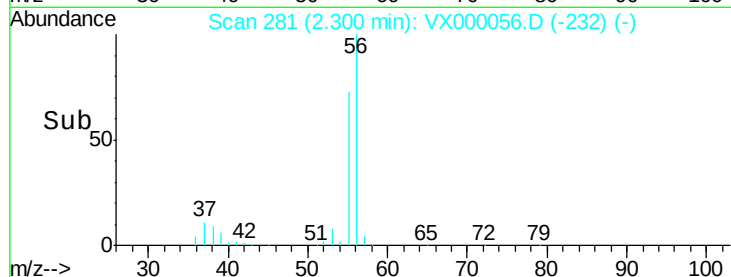
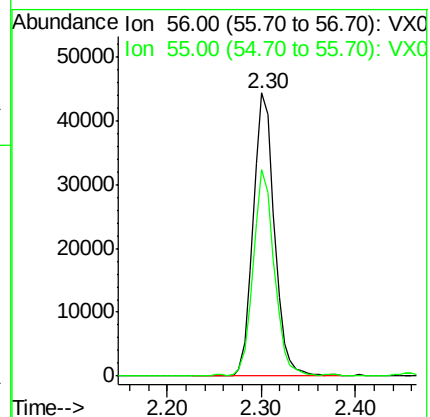
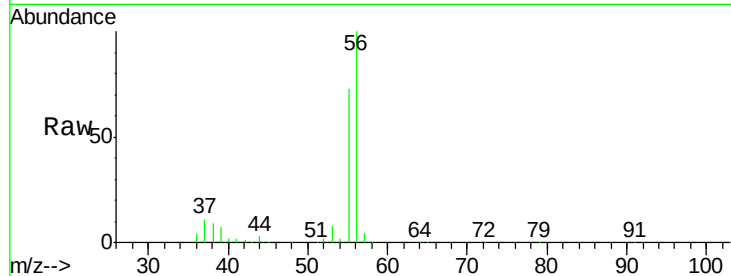
55 72.0 56.4 84.6

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#14

Allyl chloride

Concen: 48.21 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

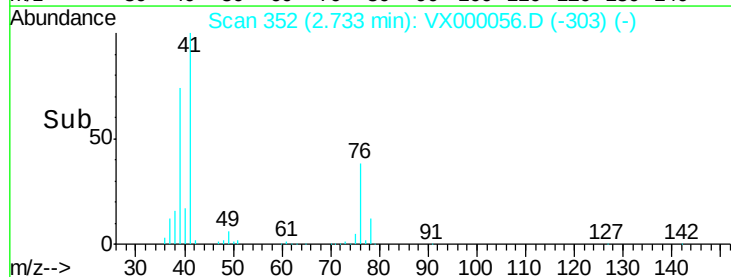
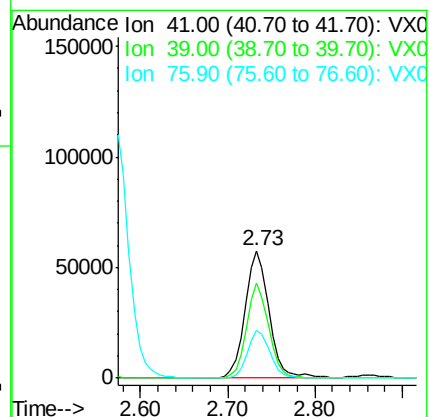
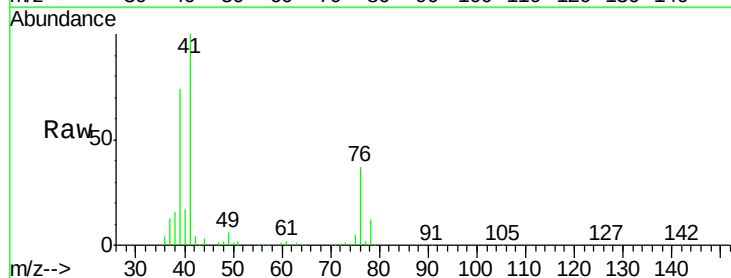
Tgt Ion: 41 Resp: 109769

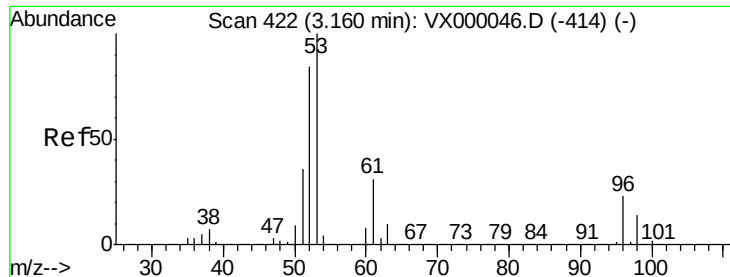
Ion Ratio Lower Upper

41 100

39 68.2 55.8 83.6

76 34.8 28.7 43.1





#15

Acrylonitrile

Concen: 259.47 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

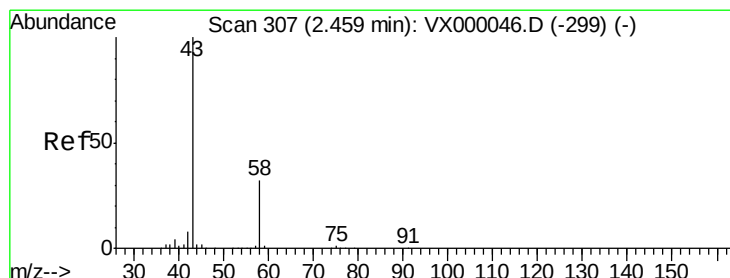
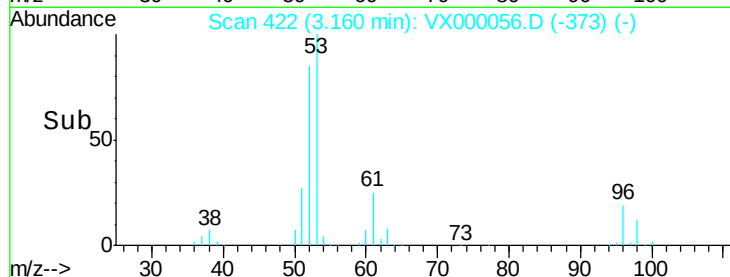
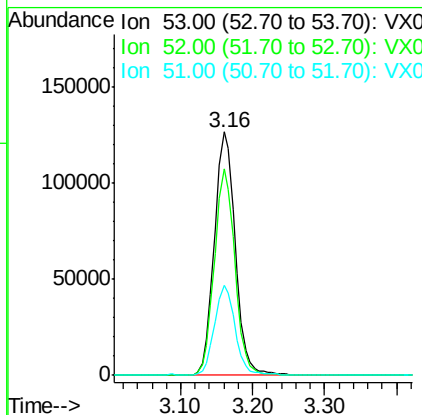
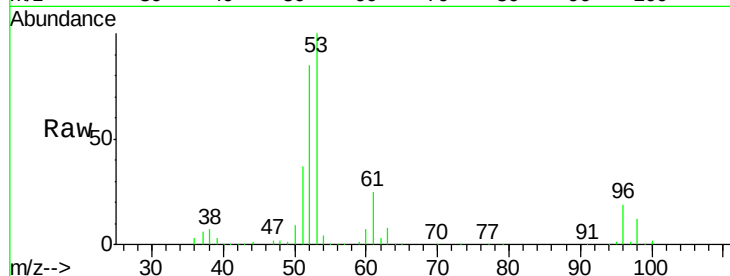
ClientSampled :

VSTDCCC050EC

Tgt Ion:	53	Resp:	254563
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	36.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 271.77 ug/l

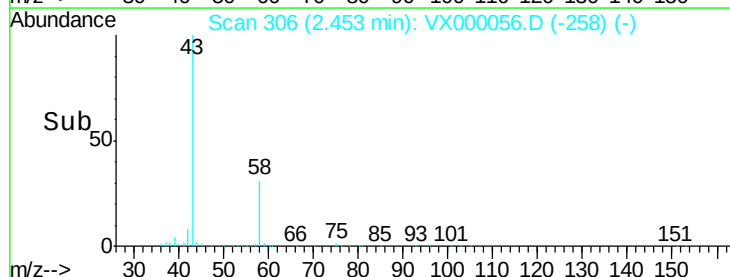
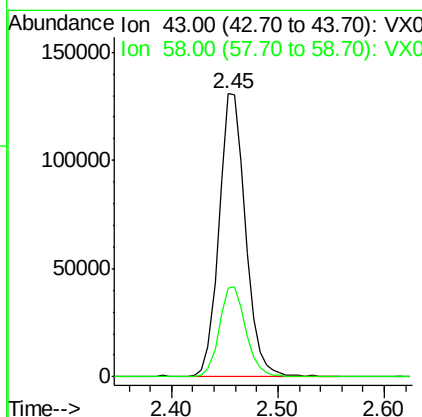
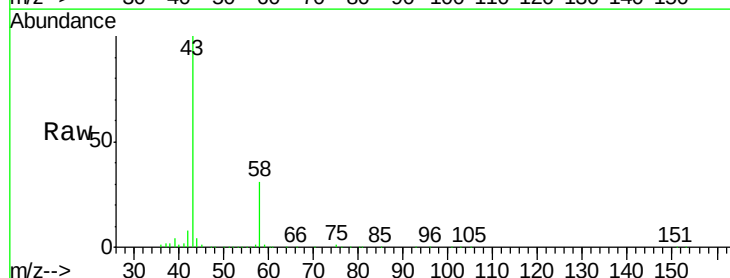
RT: 2.45 min Scan# 306

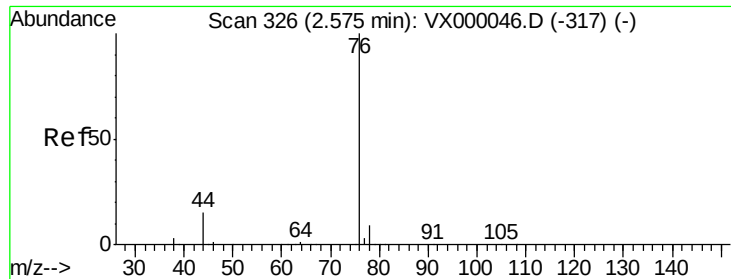
Delta R.T. -0.01 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	43	Resp:	226419
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.9	38.9





#17

Carbon Disulfide

Concen: 48.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 76 Resp: 186265

Ion Ratio Lower Upper

76 100

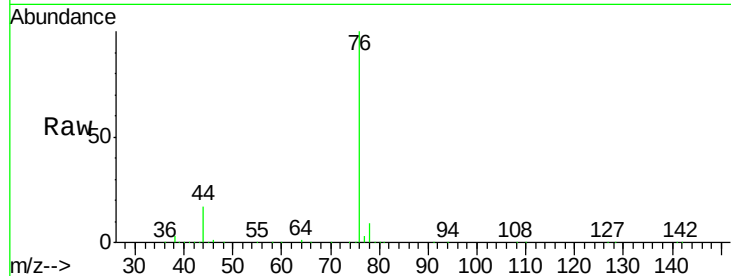
78 9.1 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

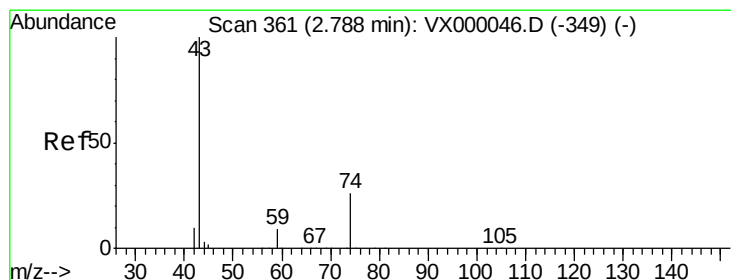
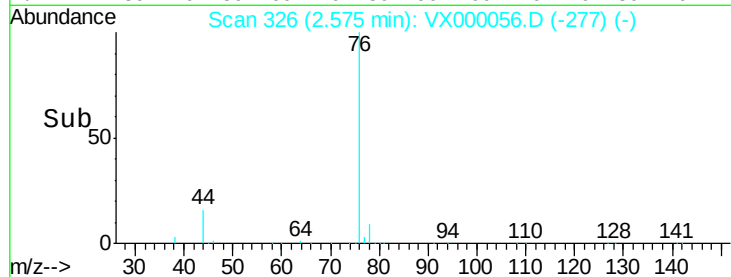
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.31 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000056.D

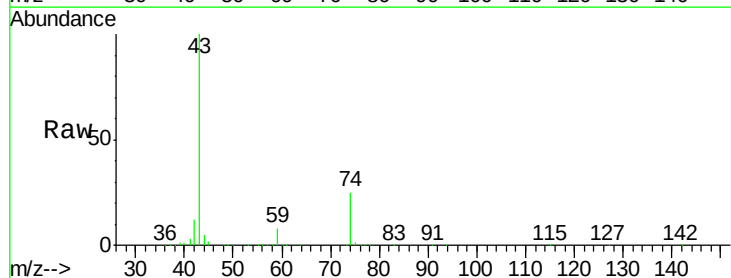
Acq: 09 Feb 2018 22:05

Tgt Ion: 43 Resp: 114091

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

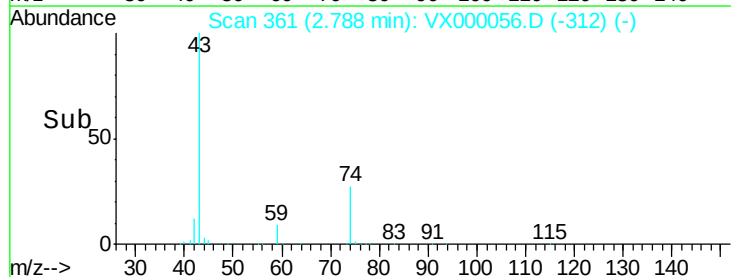
60000

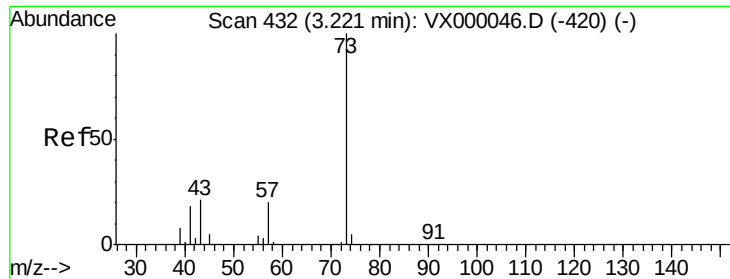
40000

20000

0

Time-->





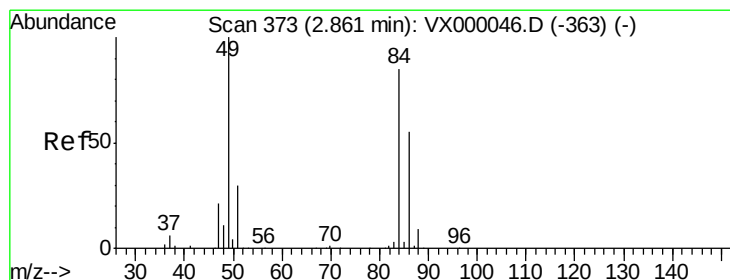
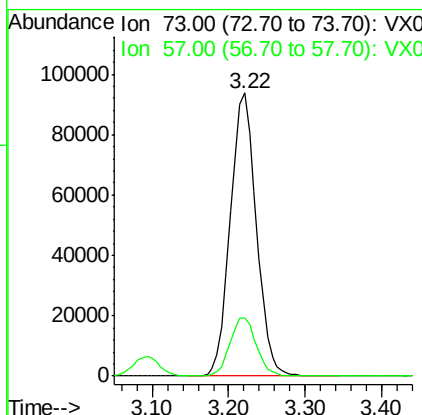
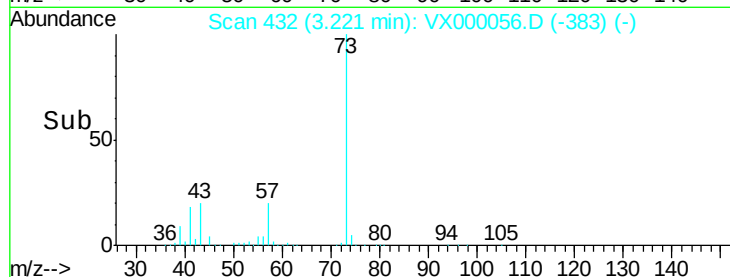
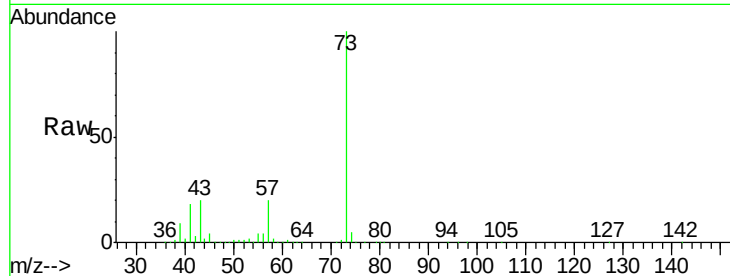
#19
Methyl tert-butyl Ether
Concen: 49.49 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 73 Resp: 221327
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4

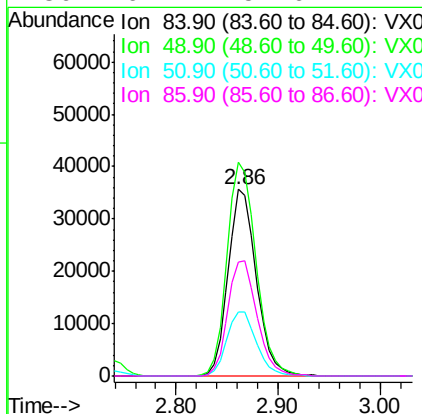
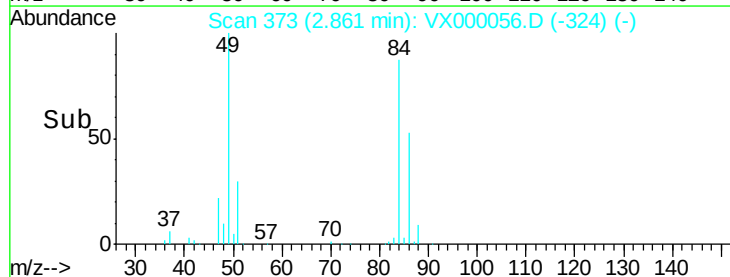
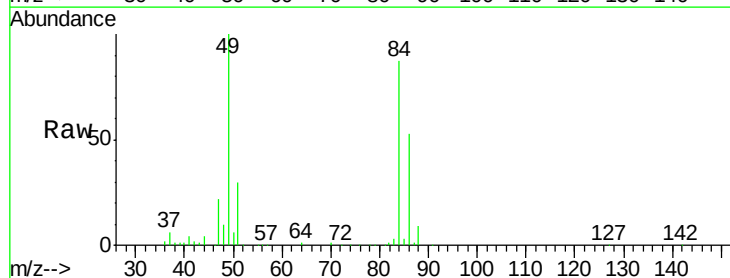
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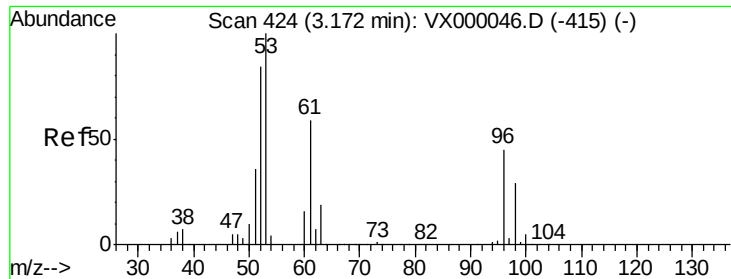
sam
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#20
Methylene Chloride
Concen: 49.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 84 Resp: 68456
Ion Ratio Lower Upper
84 100
49 114.7 94.4 141.6
51 34.5 28.3 42.5
86 61.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

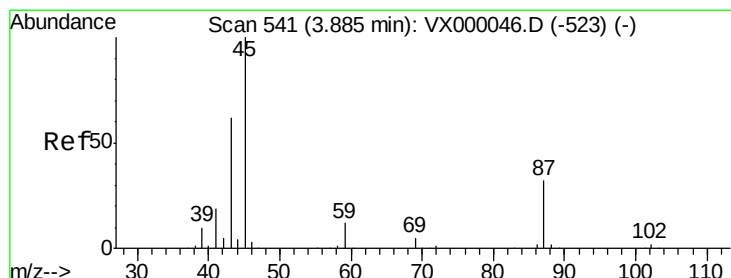
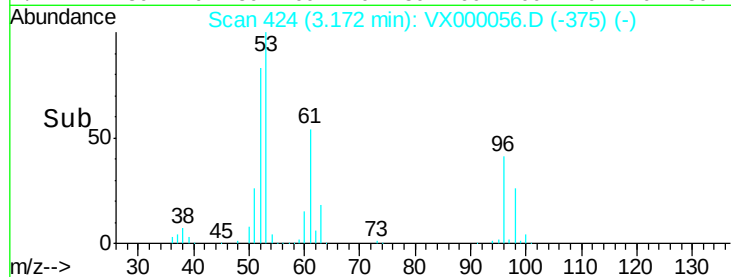
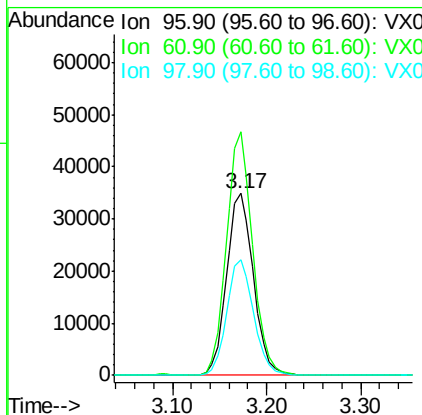
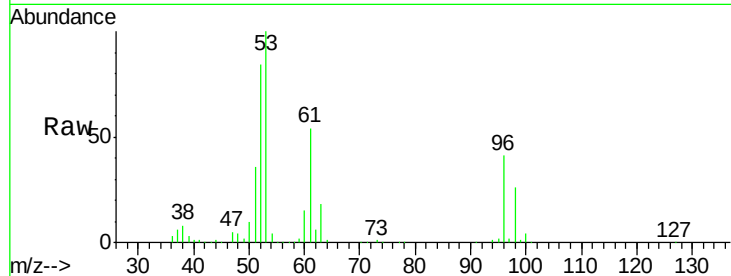
ClientSampled :

VSTDCCC050EC

Tgt Ion:	96	Resp:	68681
Ion	Ratio	Lower	Upper
96	100		
61	133.9	104.9	157.3
98	63.7	52.4	78.6

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#22

Diisopropyl ether

Concen: 48.55 ug/l

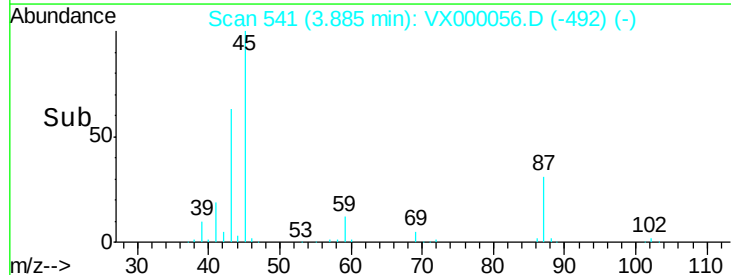
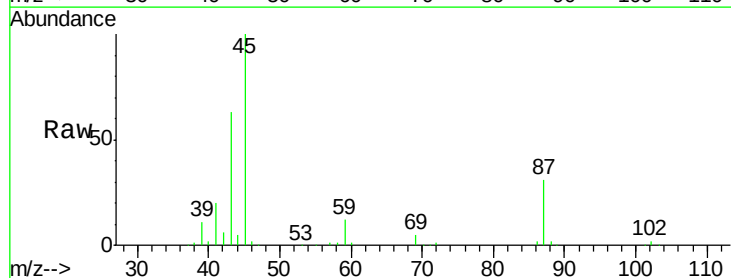
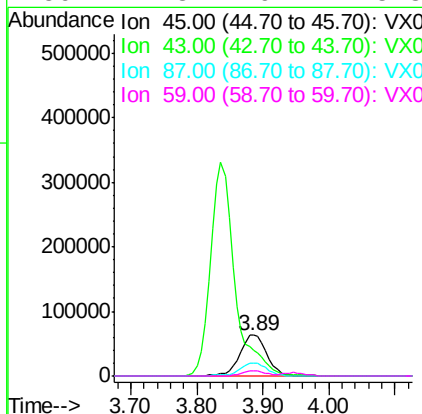
RT: 3.89 min Scan# 541

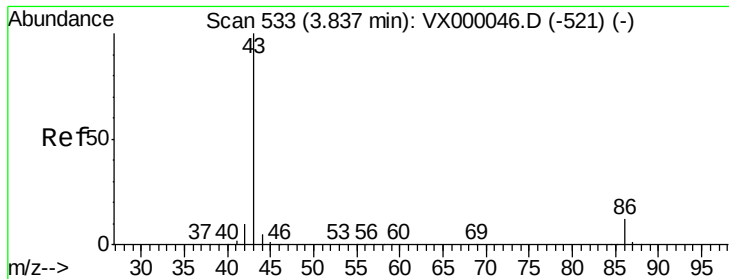
Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	45	Resp:	182558
Ion	Ratio	Lower	Upper
45	100		
43	63.0	49.6	74.4
87	31.3	25.9	38.9
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 249.81 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 43 Resp: 849104

Ion Ratio Lower Upper

43 100

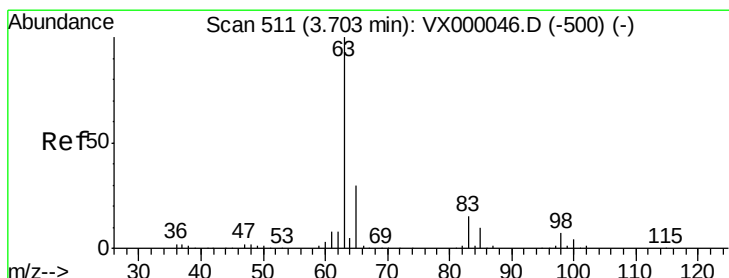
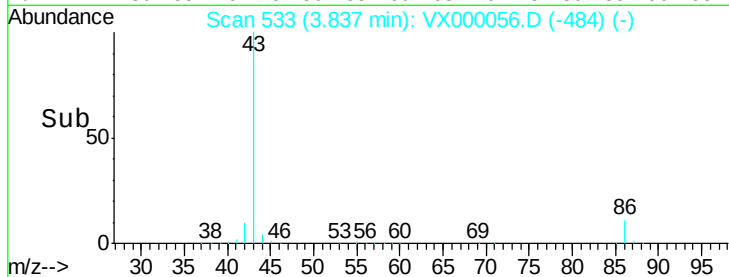
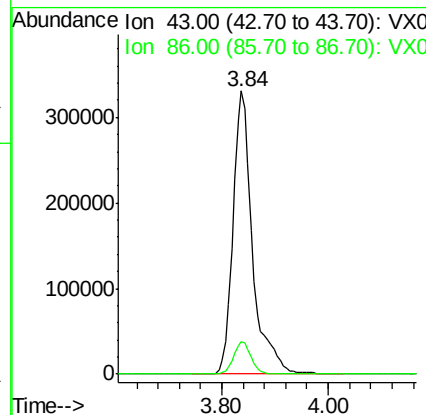
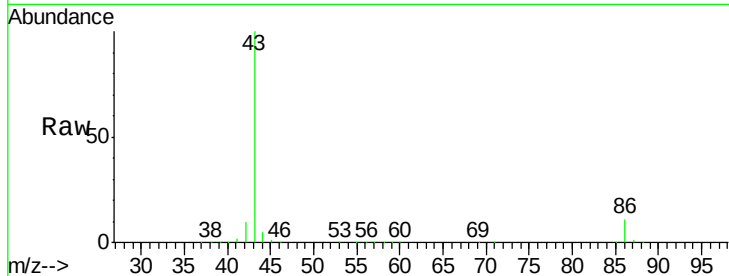
86 11.4 9.3 13.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.32 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

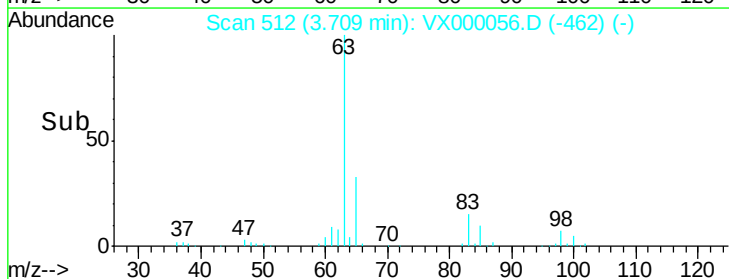
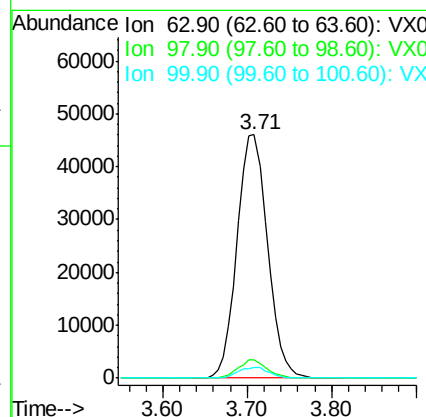
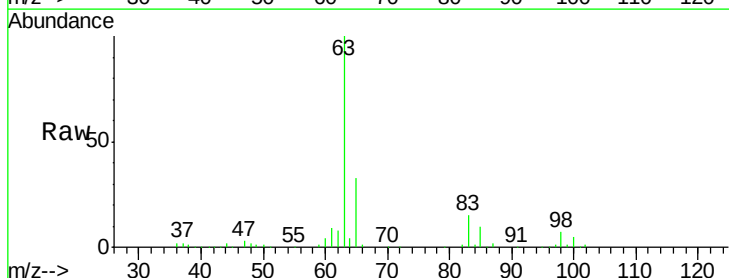
Tgt Ion: 63 Resp: 112938

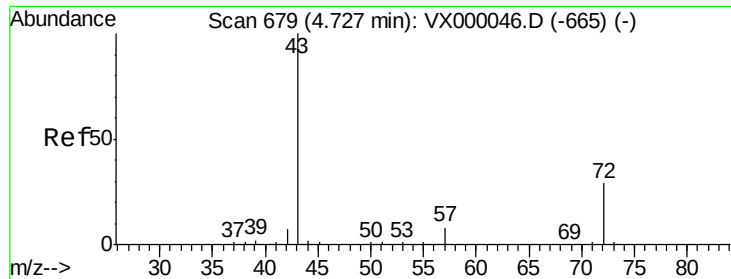
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 273.86 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 43 Resp: 344361

Ion Ratio Lower Upper

43 100

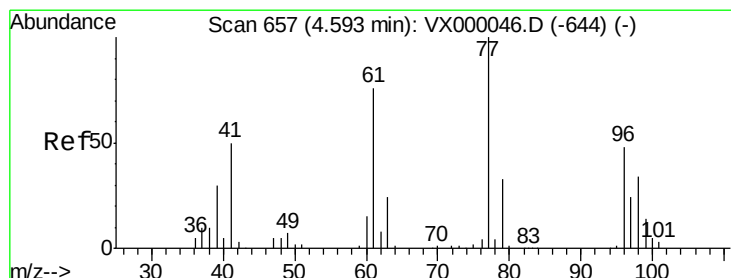
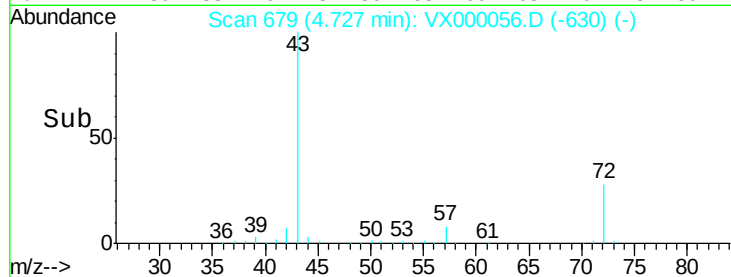
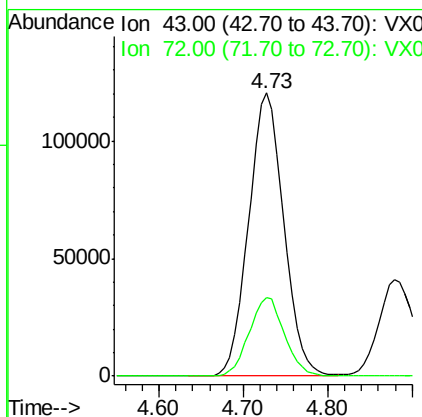
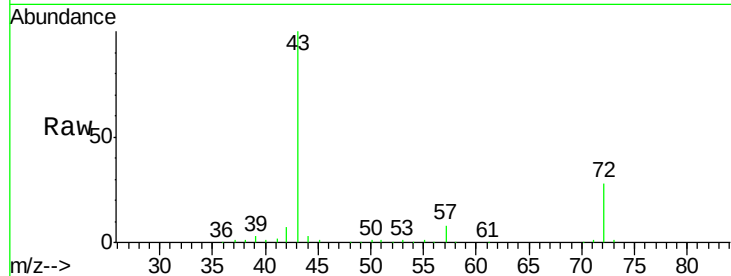
72 27.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.81 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000056.D

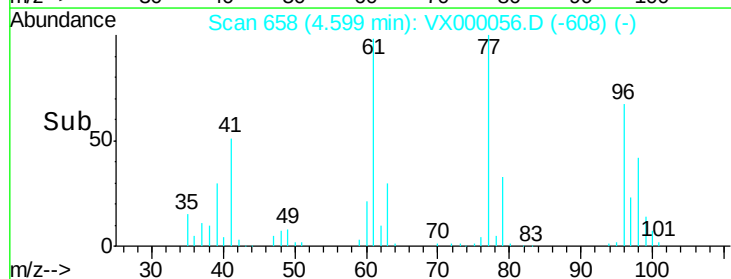
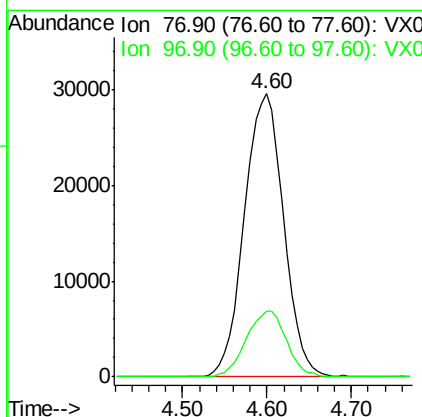
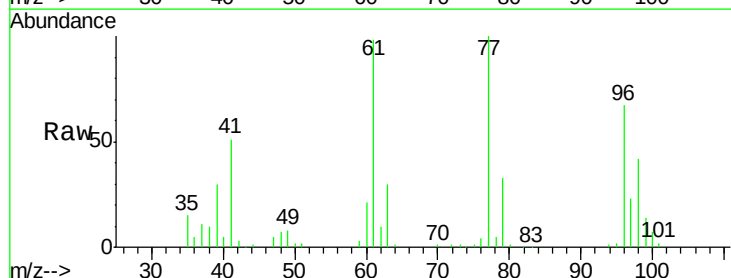
Acq: 09 Feb 2018 22:05

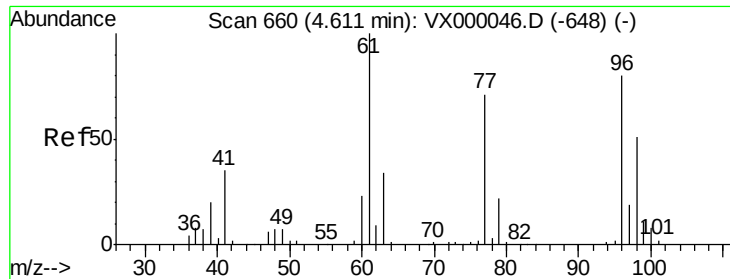
Tgt Ion: 77 Resp: 93757

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4





#27

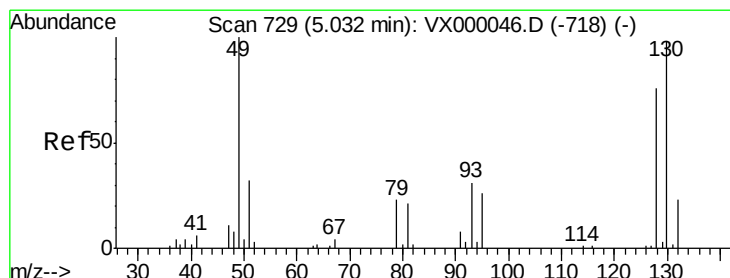
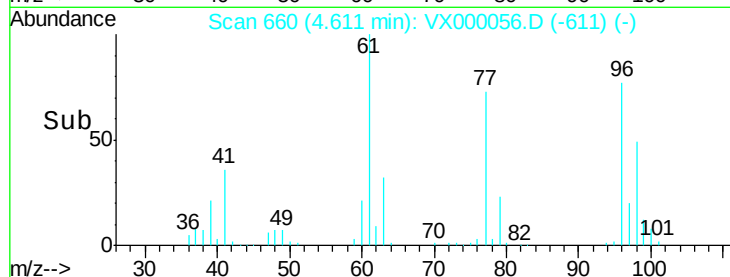
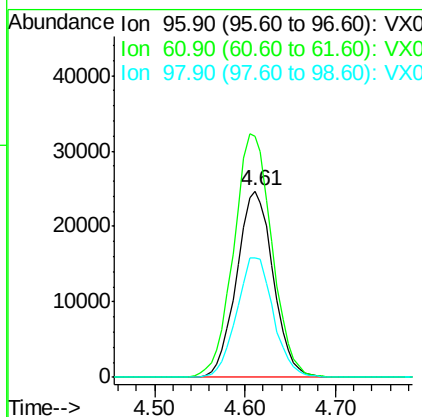
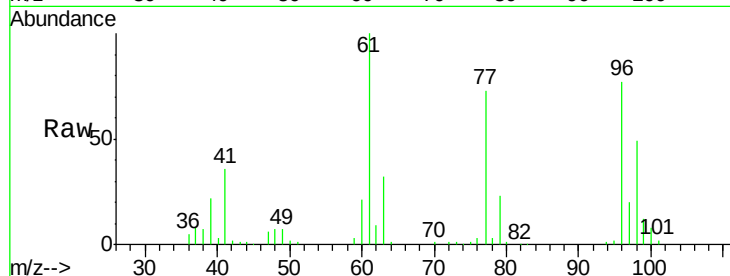
cis-1,2-Dichloroethene
Concen: 50.13 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 96 Resp: 69102
Ion Ratio Lower Upper
96 100
61 136.6 0.0 274.4
98 64.1 0.0 132.4

Manual Integrations
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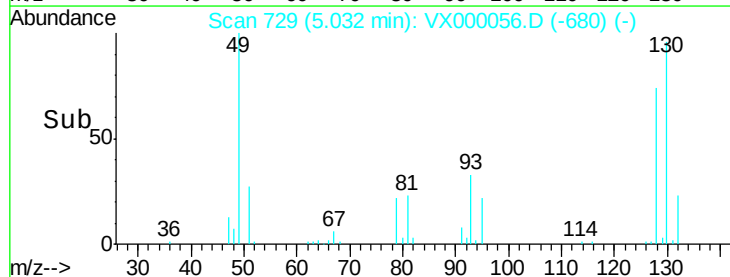
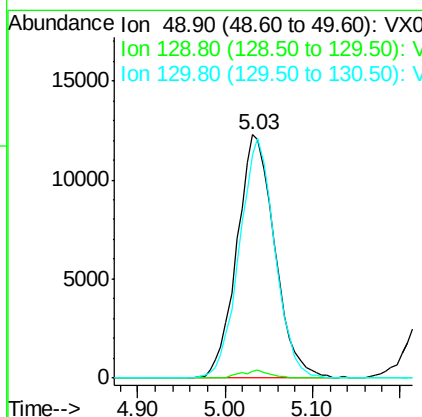
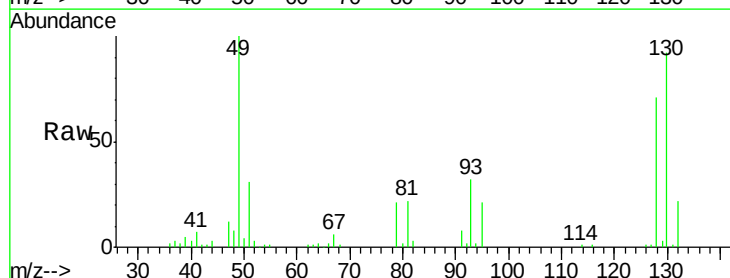
sam
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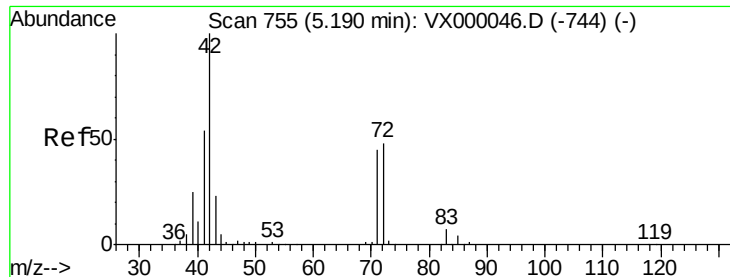


#28

Bromochloromethane
Concen: 47.75 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 49 Resp: 37005
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 92.2 75.6 113.4





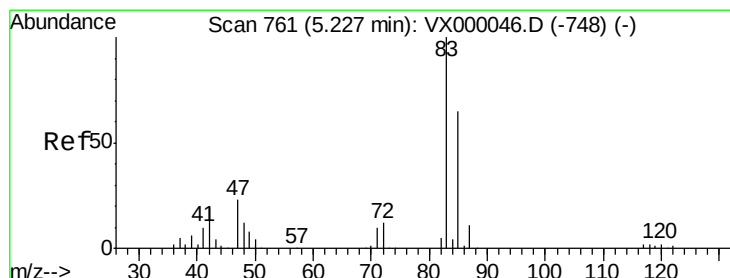
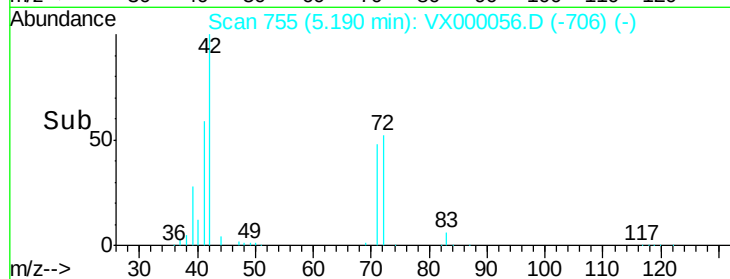
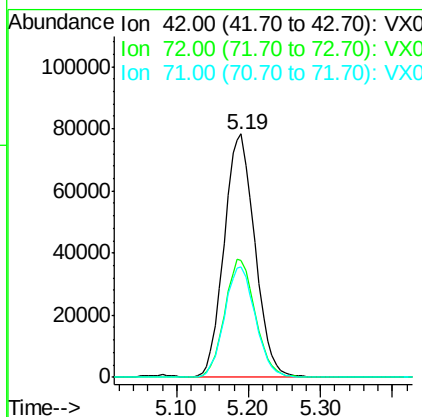
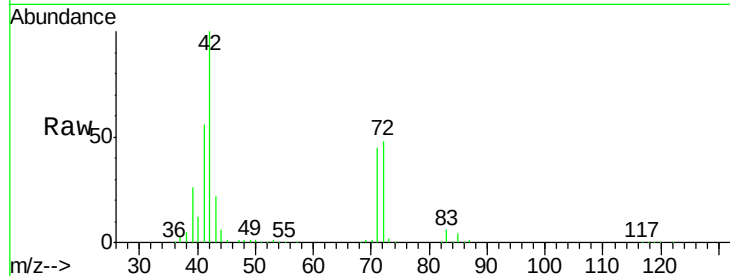
#29
Tetrahydrofuran
Concen: 269.44 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.3	39.0	58.6
71	45.6	36.7	55.1

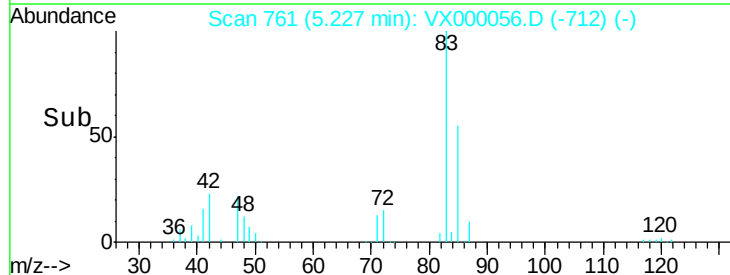
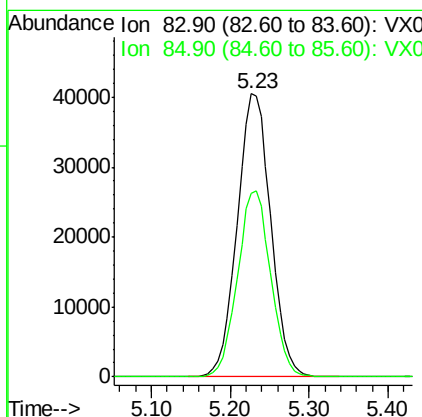
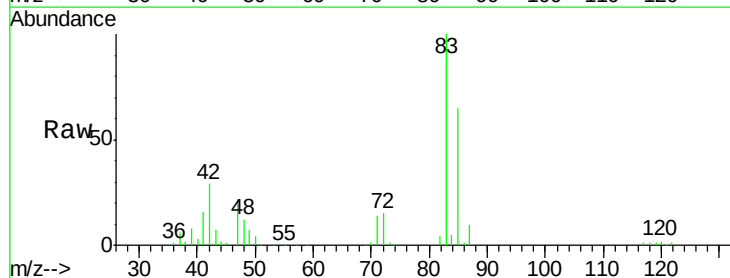
Manual Integrations
APPROVED

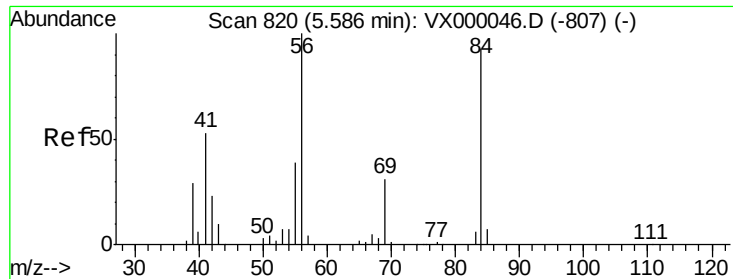
sam
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#30
Chloroform
Concen: 50.73 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.9	77.9





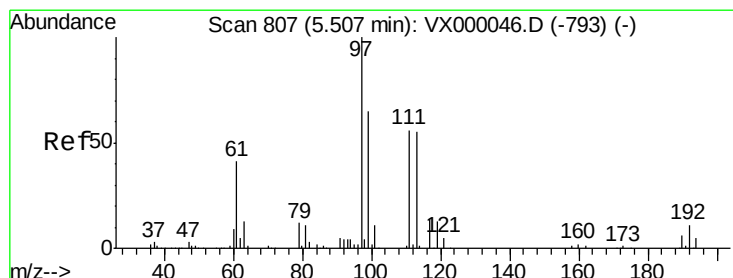
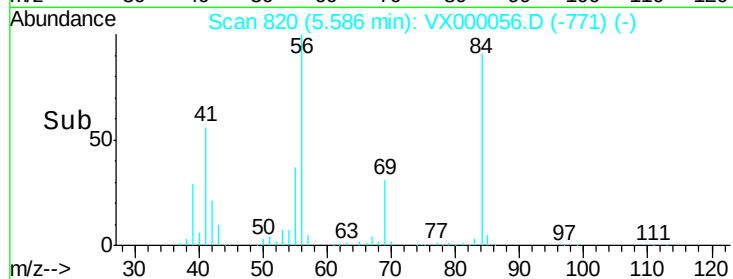
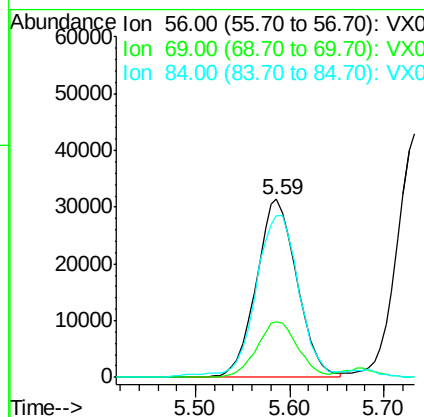
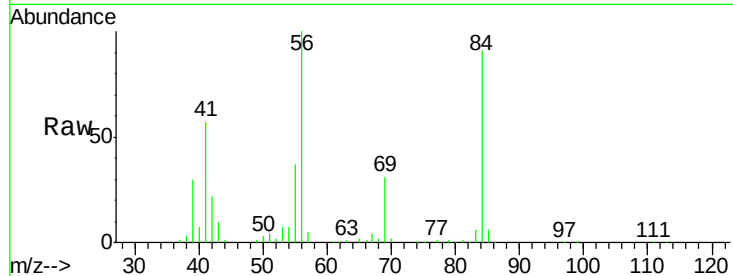
#31
Cyclohexane
Concen: 49.41 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 56 Resp: 94876
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 89.7 74.8 112.2

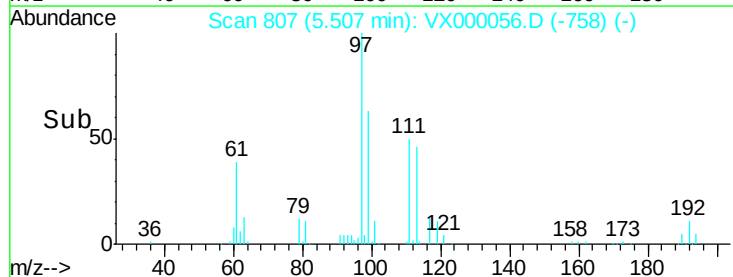
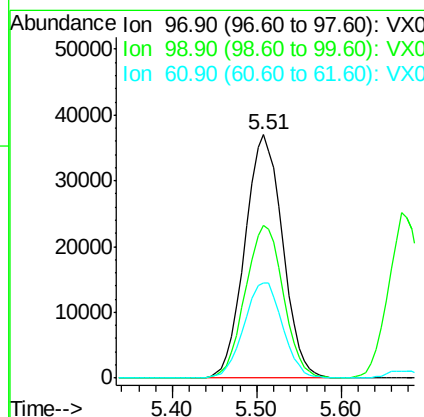
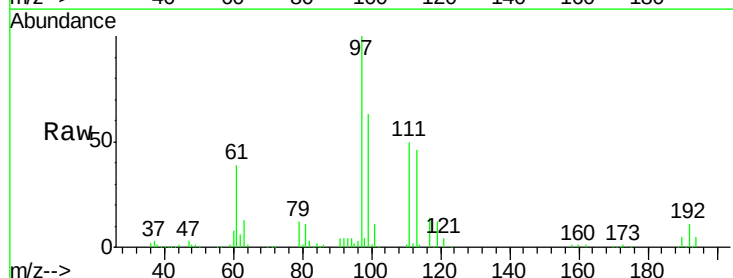
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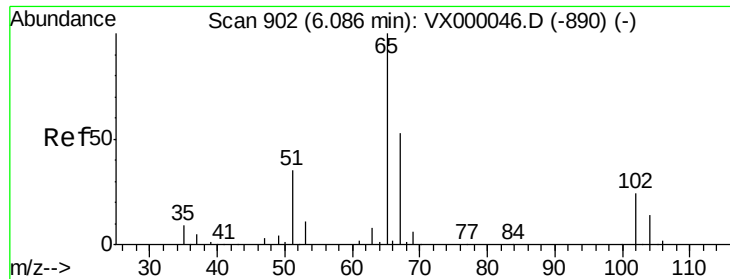
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#32
1,1,1-Trichloroethane
Concen: 50.75 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 97 Resp: 112533
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 40.1 32.1 48.1





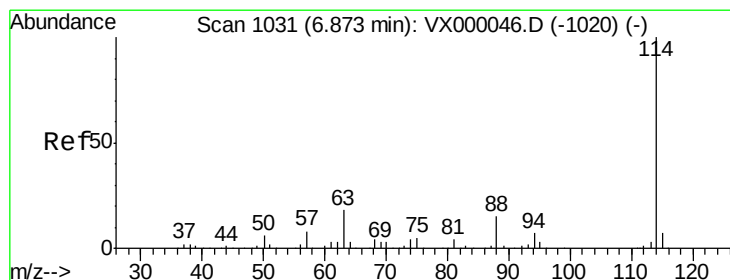
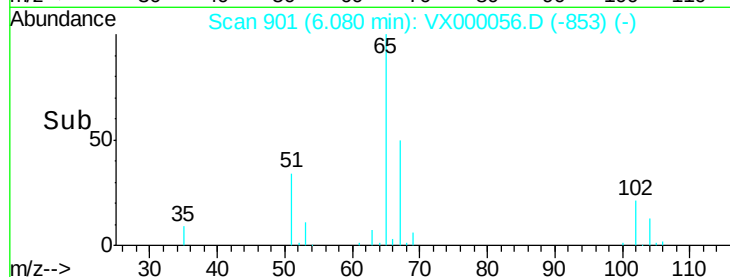
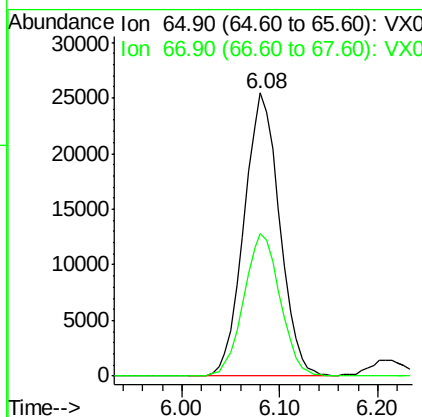
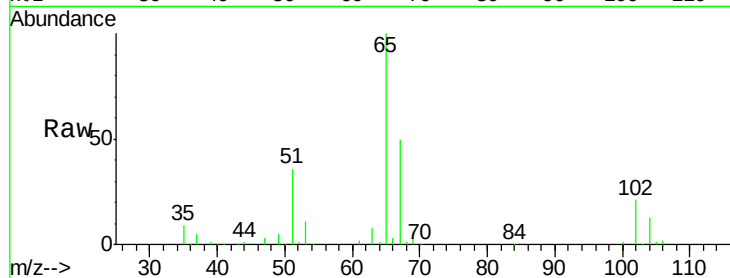
#33
 1,2-Dichloroethane-d4
 Concen: 45.71 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 64321
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0

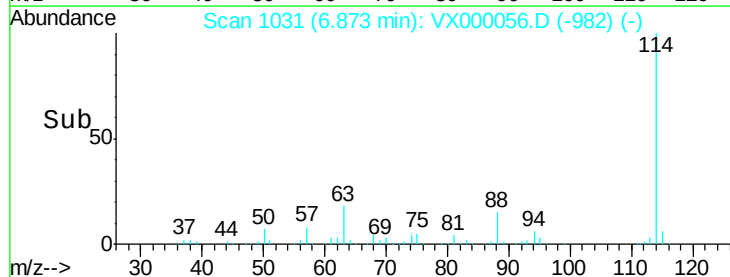
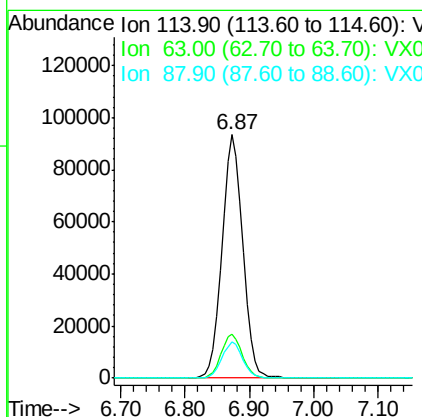
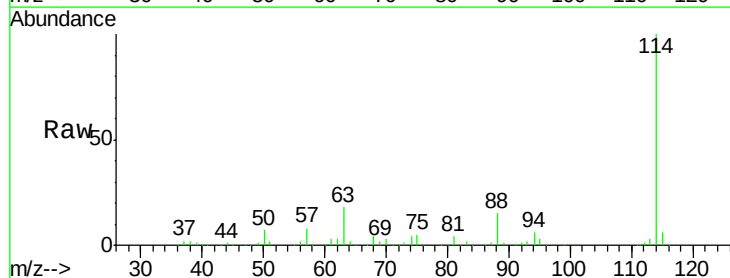
Manual Integrations
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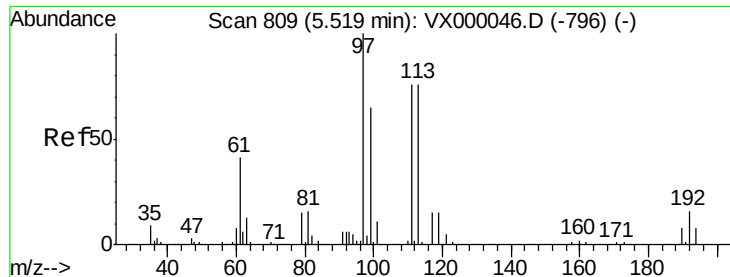
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion: 114 Resp: 213568
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 14.7 0.0 30.4





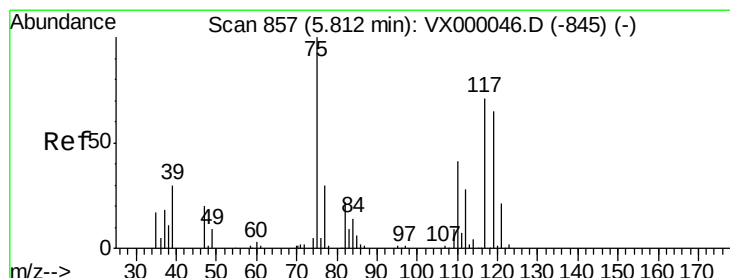
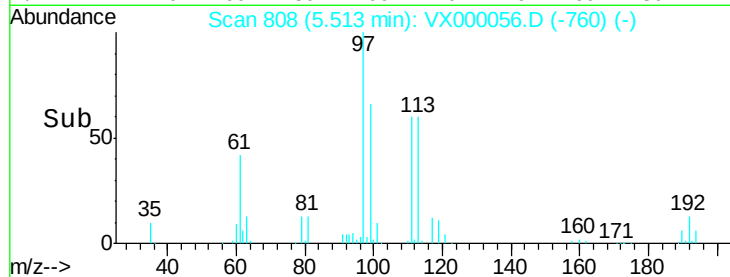
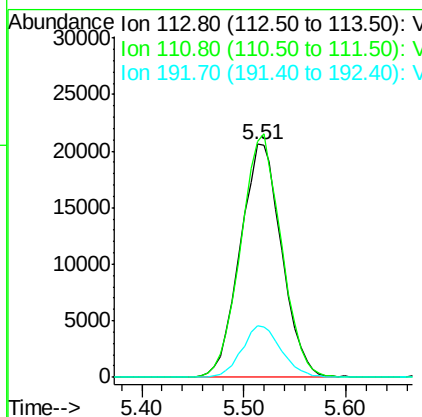
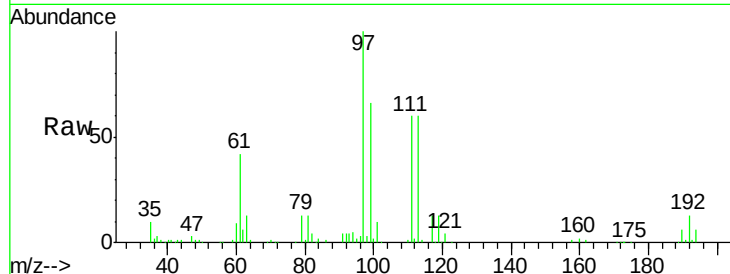
#35
 Dibromofluoromethane
 Concen: 46.72 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	58255		
111	102.2	80.5	120.7	
192	21.1	16.9	25.3	

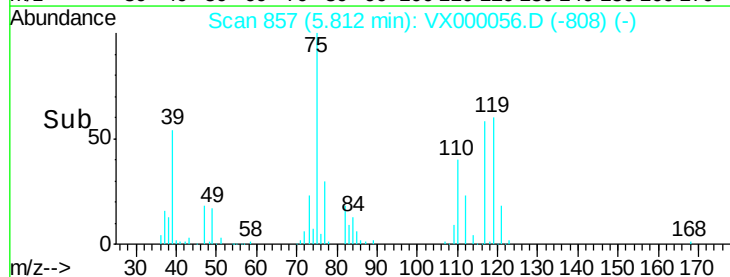
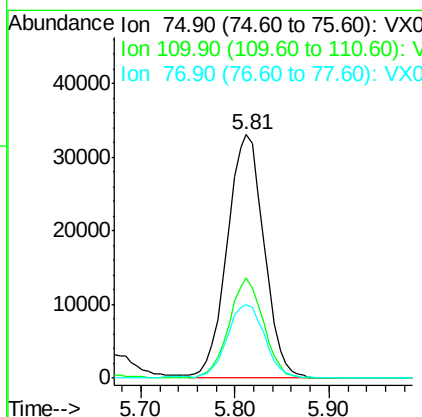
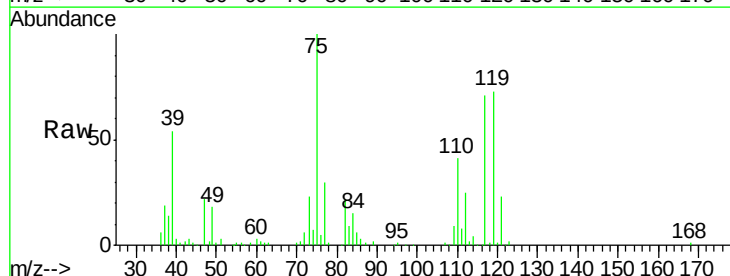
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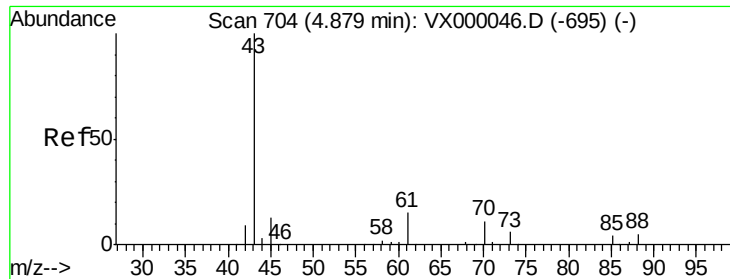
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#36
 1,1-Dichloropropene
 Concen: 48.36 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89929		
110	38.5	19.4	58.4	
77	31.2	24.2	36.4	





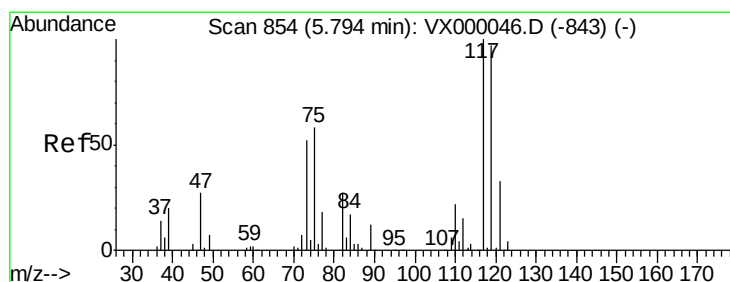
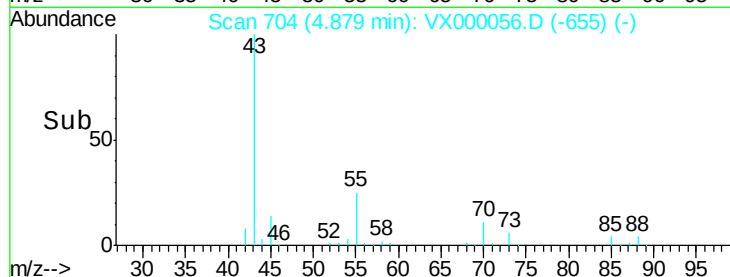
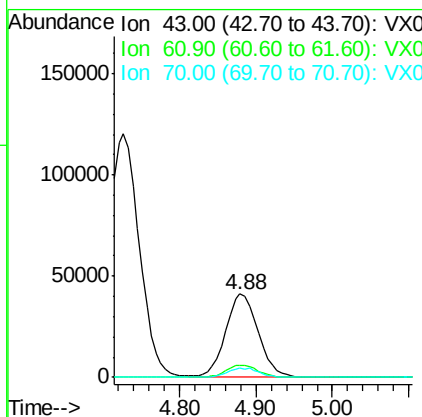
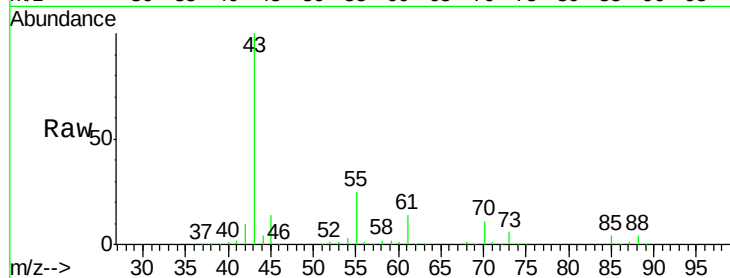
#37
Ethyl Acetate
Concen: 50.28 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.2
70	11.0	9.0	13.6

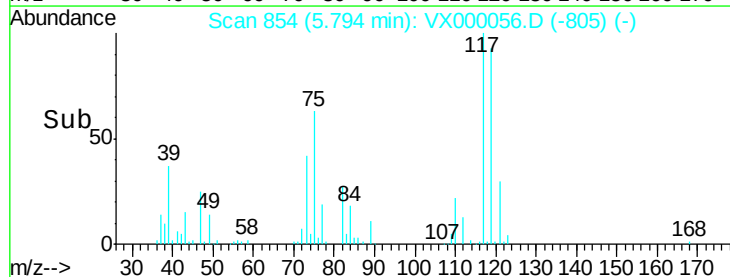
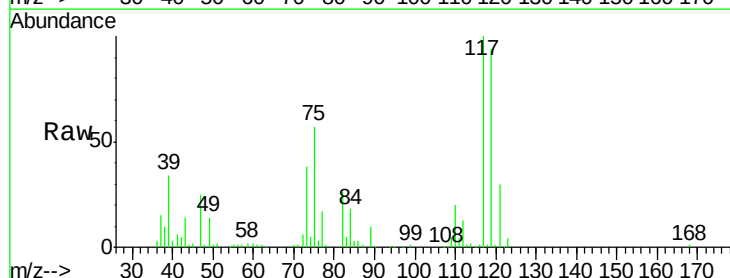
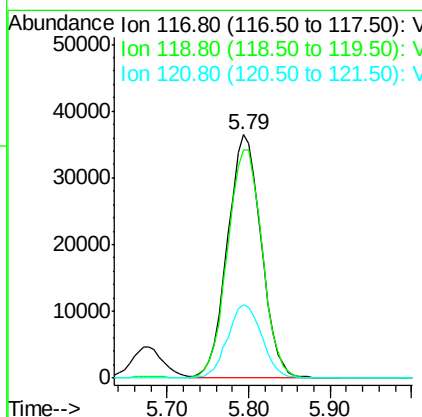
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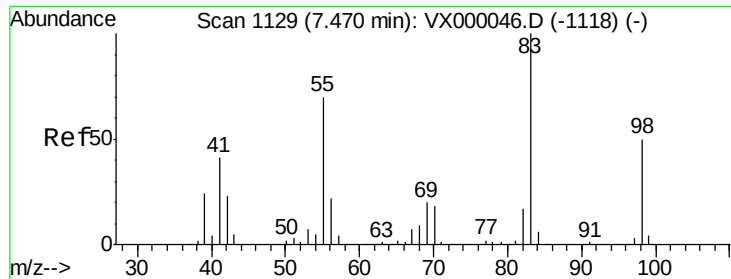
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#38
Carbon Tetrachloride
Concen: 49.92 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.9	115.3
121	30.4	25.8	38.8





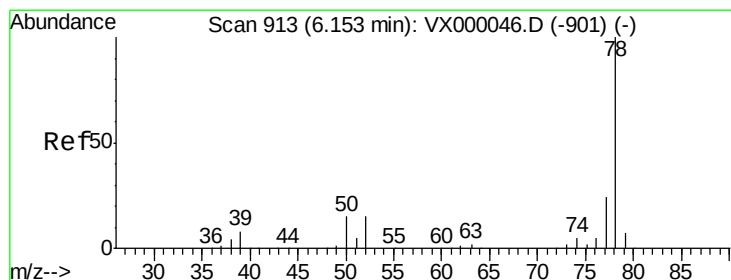
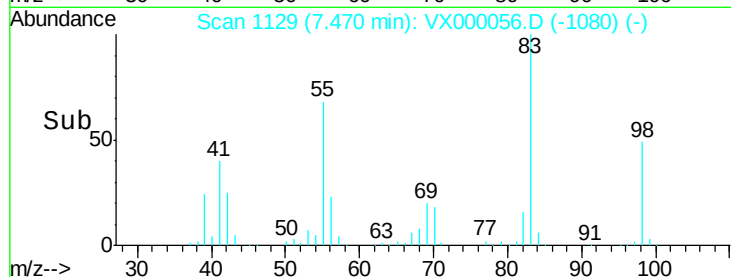
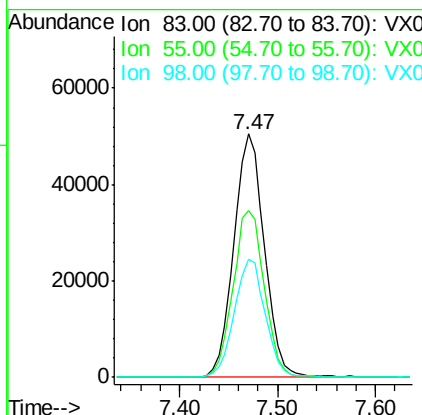
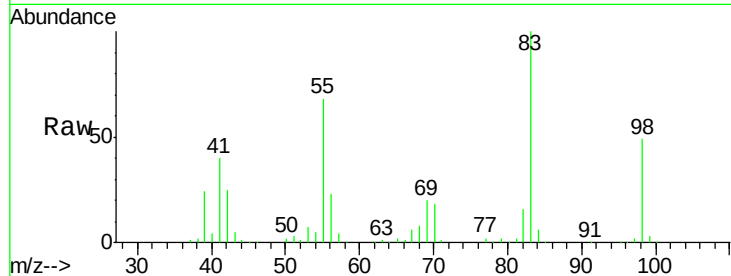
#39
Methylcyclohexane
Concen: 48.57 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	55.7	83.5
98	48.6	39.7	59.5

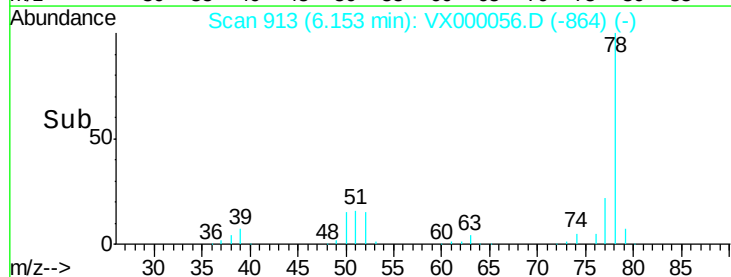
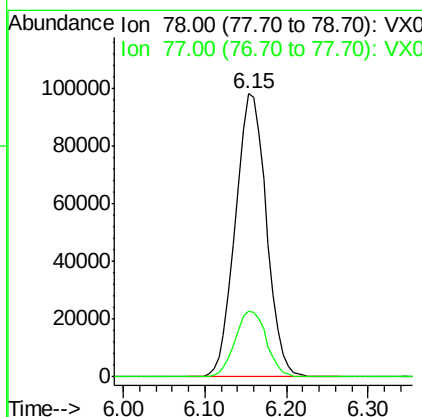
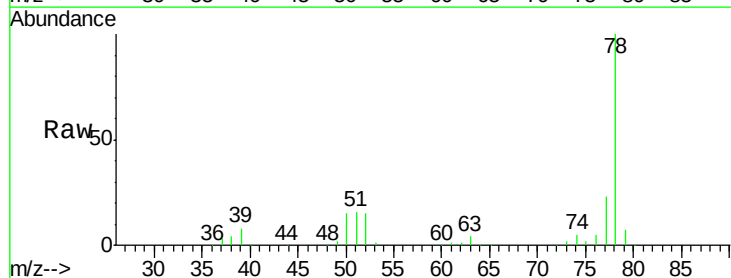
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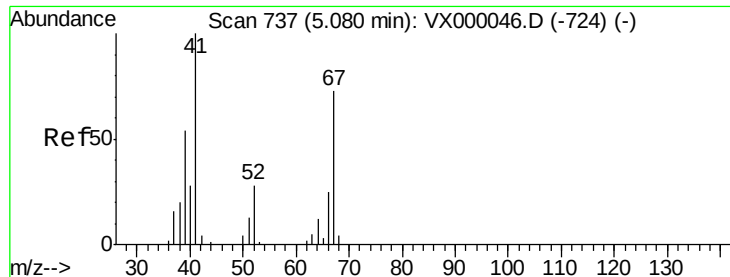
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#40
Benzene
Concen: 49.29 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2





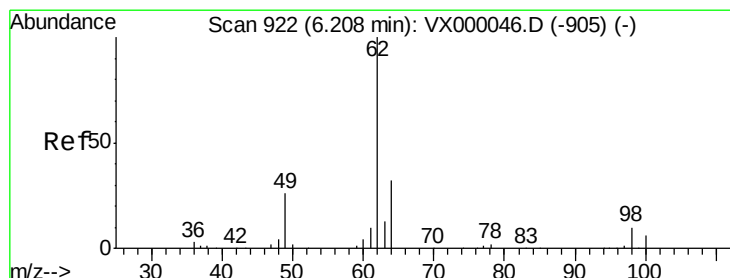
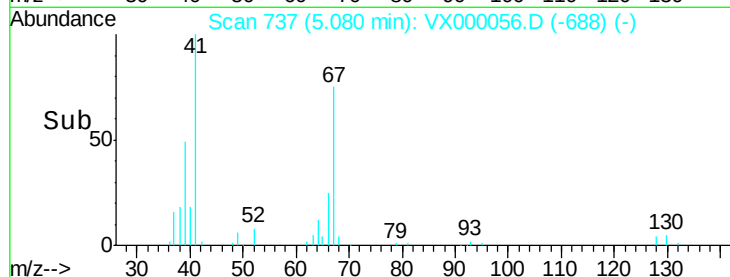
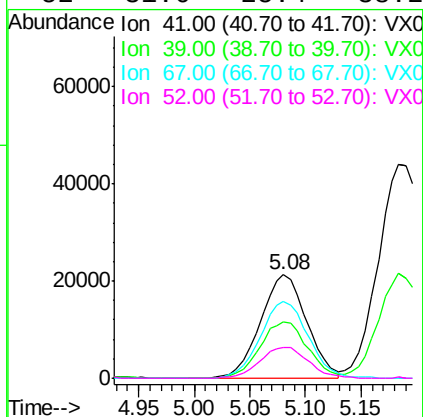
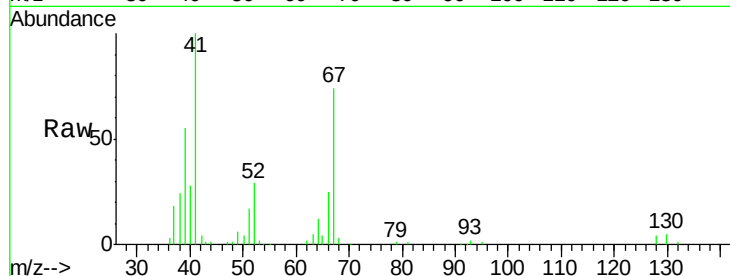
#41
Methacrylonitrile
Concen: 50.05 ug/l
RT: 5.08 min Scan# 737
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion:	41	Resp:	61729
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.8
67	76.8	60.6	91.0
52	31.6	25.4	38.2

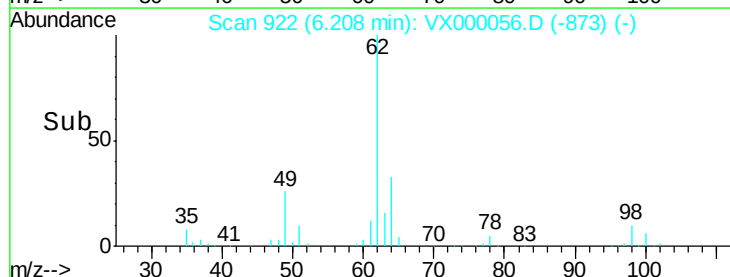
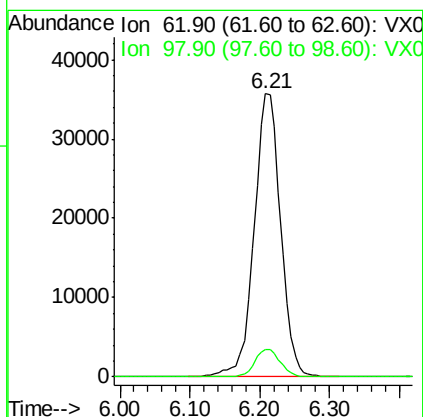
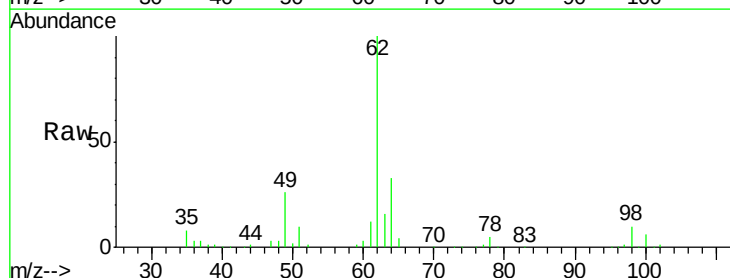
Manual Integrations
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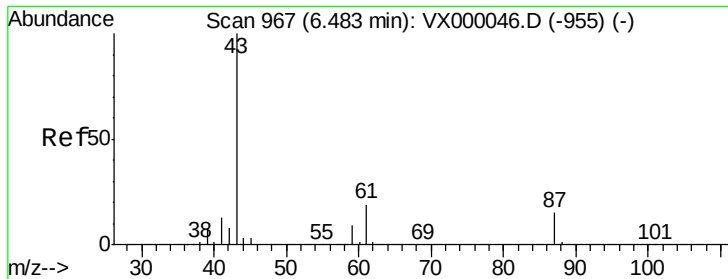
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#42
1,2-Dichloroethane
Concen: 49.86 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion:	62	Resp:	93600
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





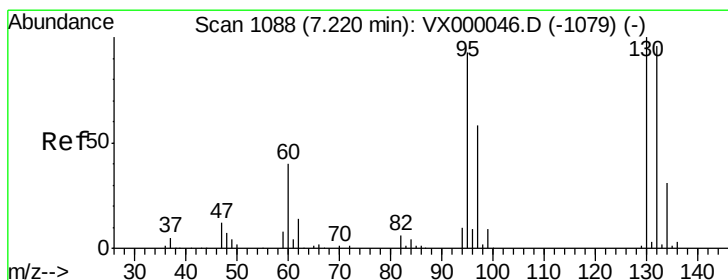
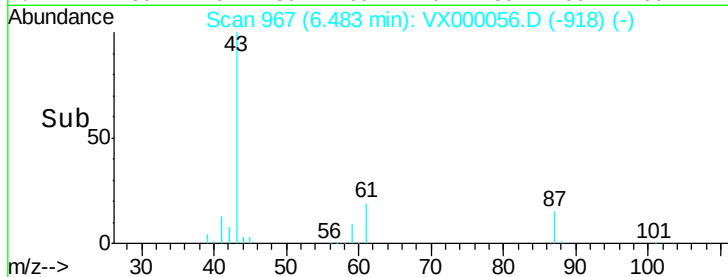
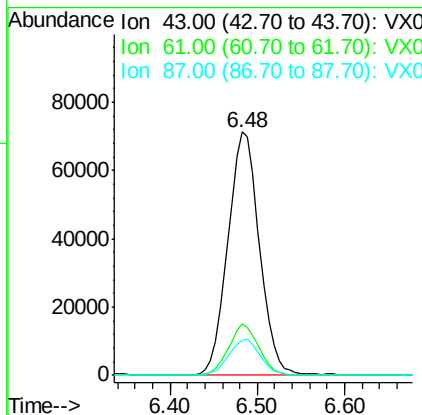
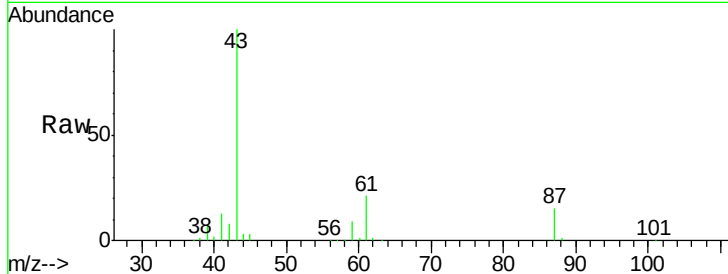
#43
Isopropyl Acetate
Concen: 49.16 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.9	23.9
87	14.7	11.8	17.6

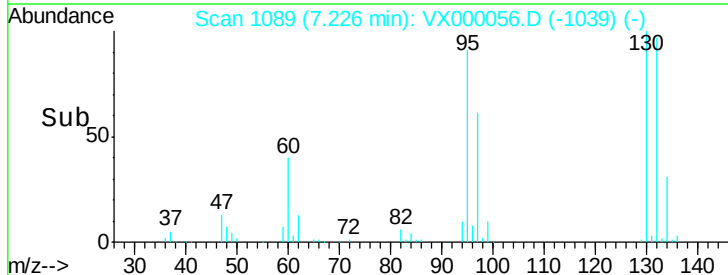
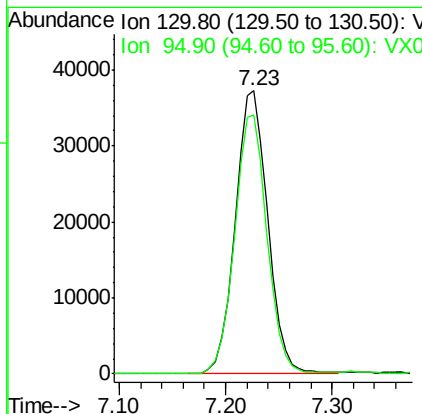
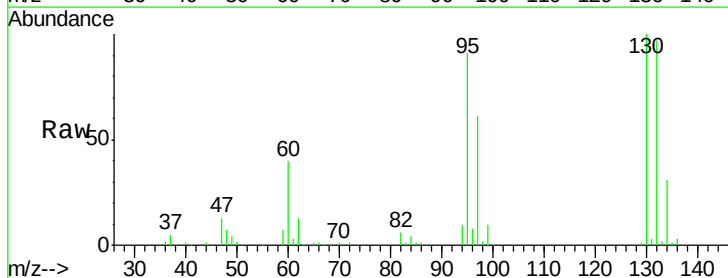
Manual Integrations
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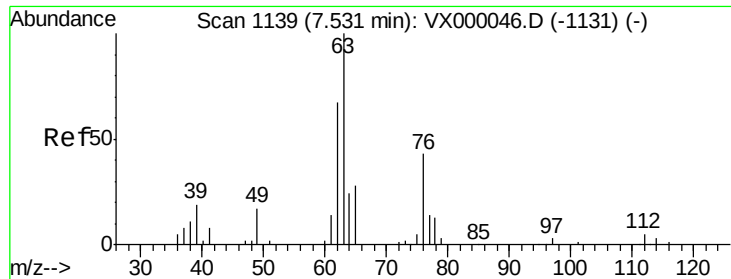
sam
2/14/2018 5:29:56 PM



#44
Trichloroethene
Concen: 49.17 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	185.2





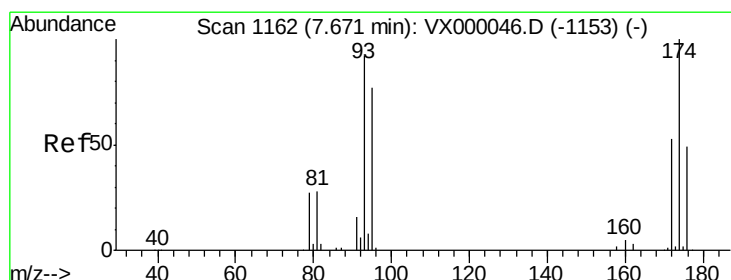
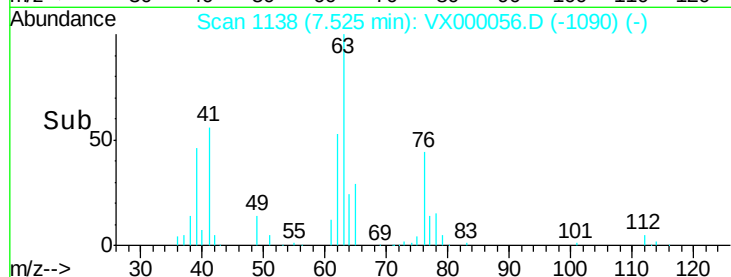
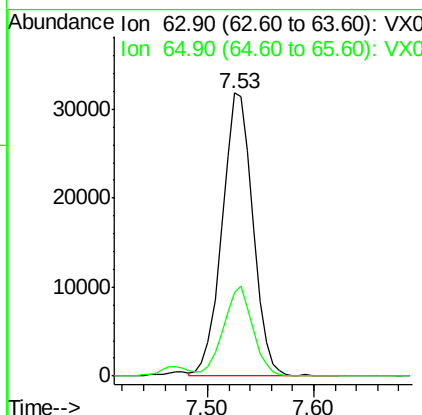
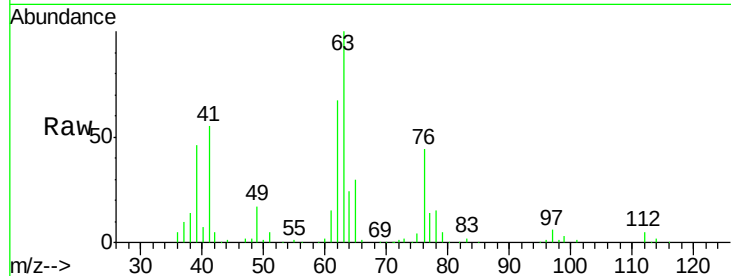
#45
 1,2-Dichloropropane
 Concen: 50.32 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 64303
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.7 35.5

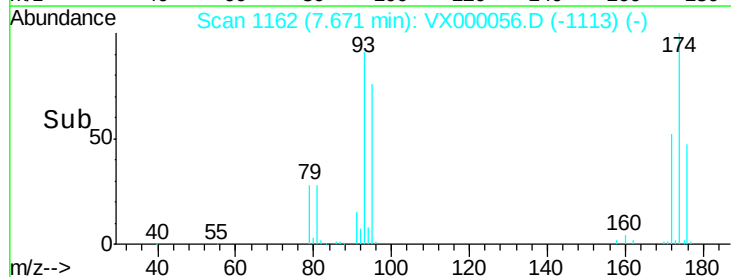
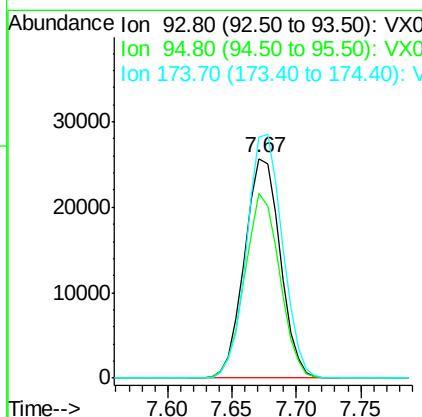
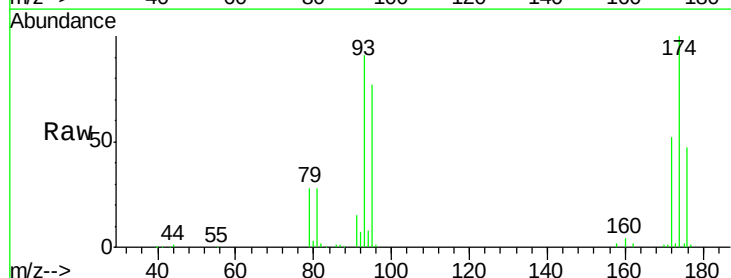
Manual Integrations
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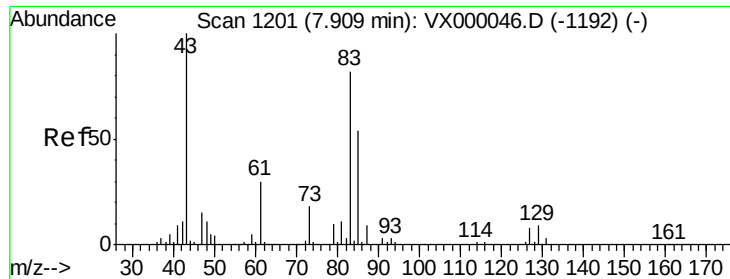
sam
 2/14/2018 5:29:56 PM



#46
 Dibromomethane
 Concen: 49.99 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion: 93 Resp: 49302
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 111.0 90.4 135.6





#47

Bromodichloromethane

Concen: 49.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

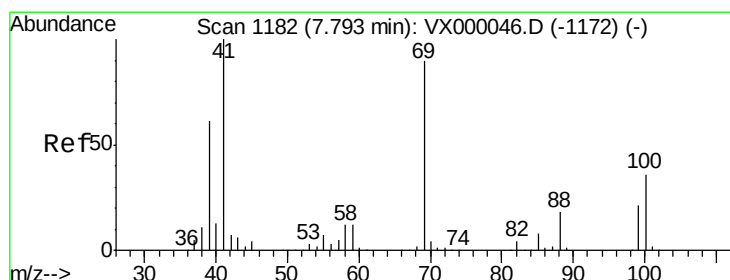
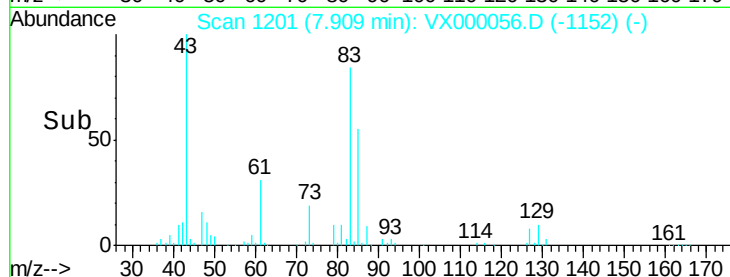
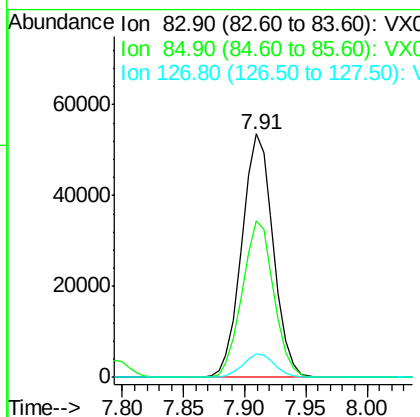
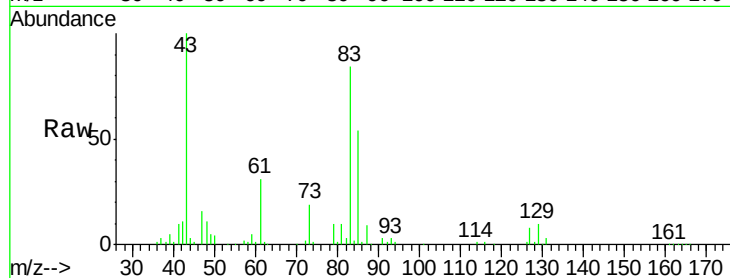
ClientSampled :

VSTDCCC050EC

Tgt Ion:	83	Resp:	95275
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.3	78.5
127	9.4	7.4	11.0

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 48.93 ug/l

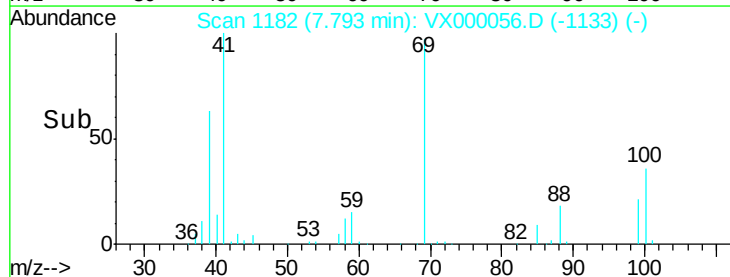
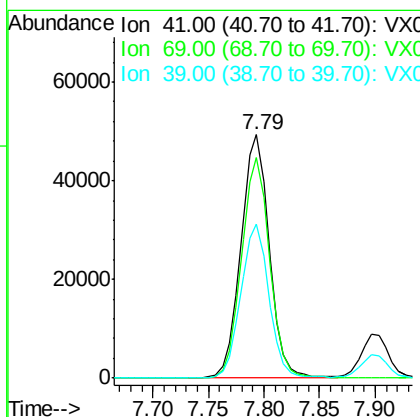
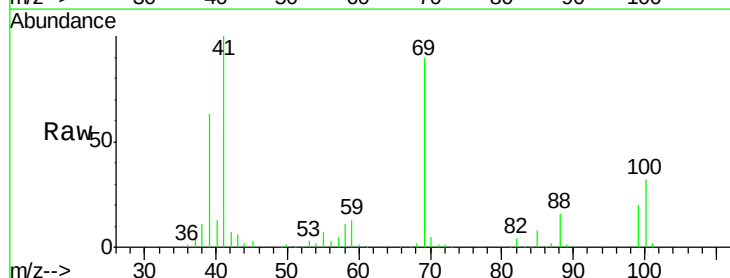
RT: 7.79 min Scan# 1182

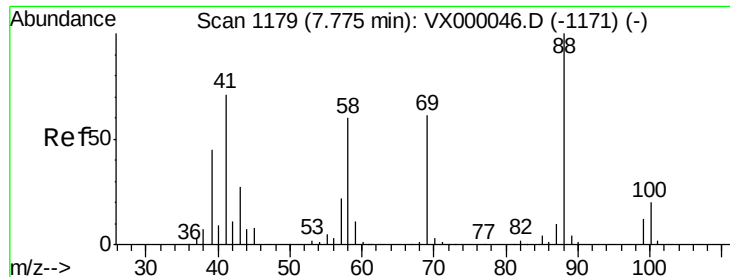
Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	41	Resp:	86955
Ion Ratio	Lower	Upper	
41	100		
69	90.4	72.1	108.1
39	63.2	49.6	74.4





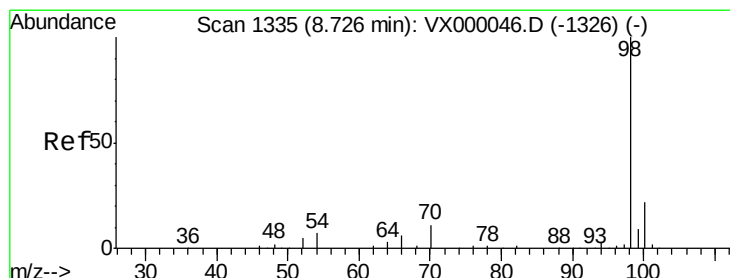
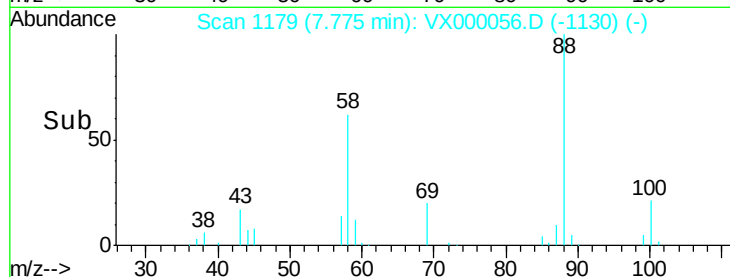
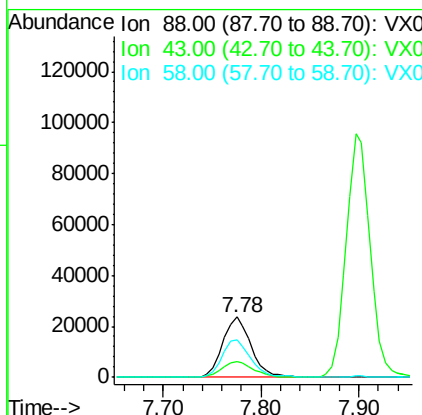
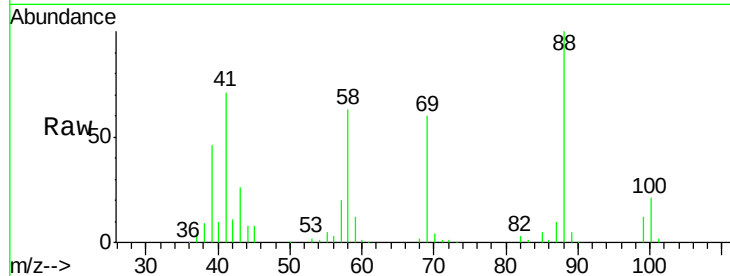
#49
1,4-Dioxane
Concen: 1012.51 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.6	33.8
58	63.2	49.4	74.2

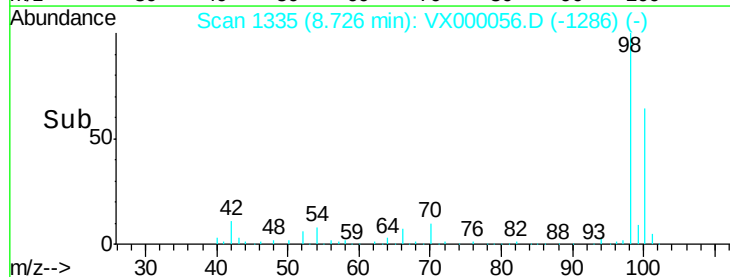
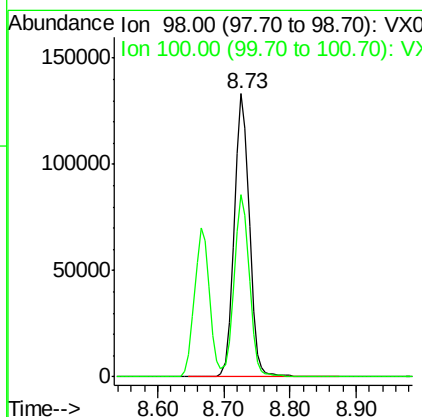
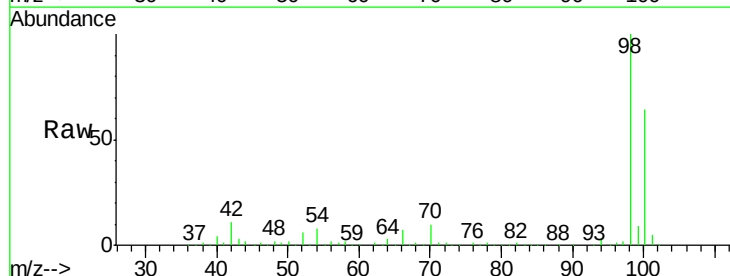
Manual Integrations
APPROVED

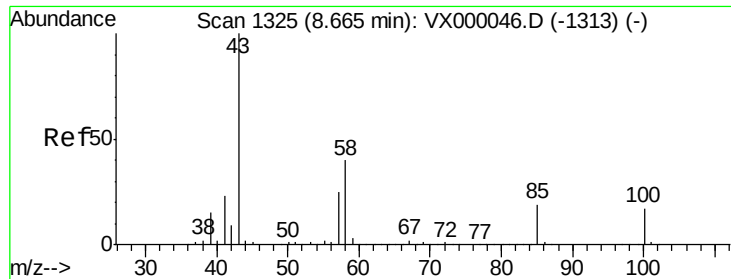
sam
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#50
Toluene-d8
Concen: 45.48 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 262.95 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 663357

Ion Ratio Lower Upper

43 100

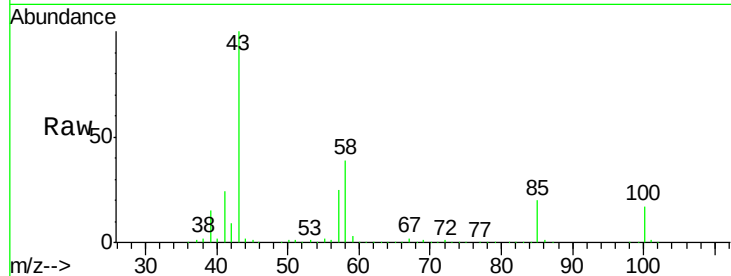
58 39.8 32.1 48.1

Manual Integrations

APPROVED

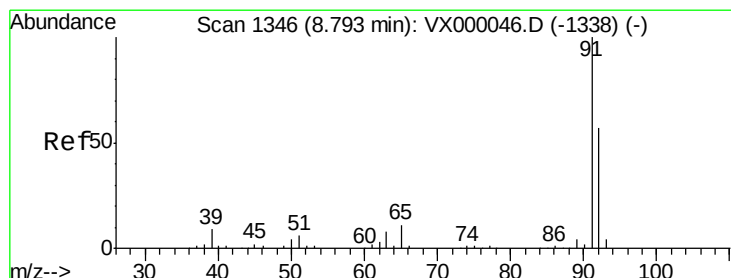
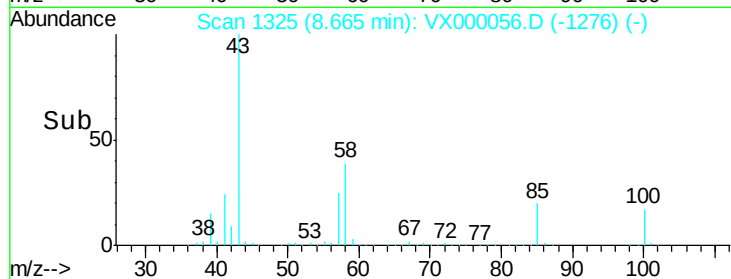
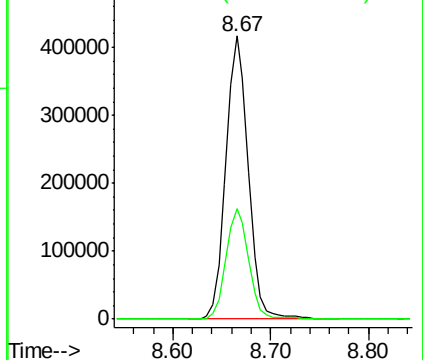
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000056.D

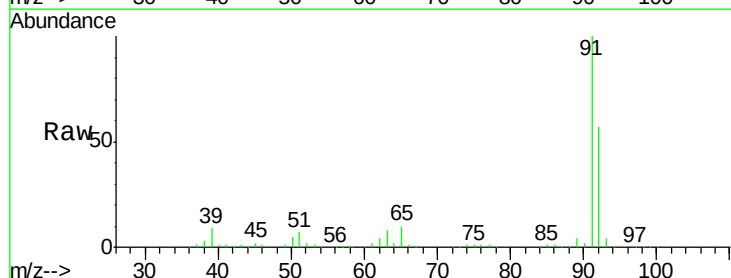
Acq: 09 Feb 2018 22:05

Tgt Ion: 92 Resp: 176578

Ion Ratio Lower Upper

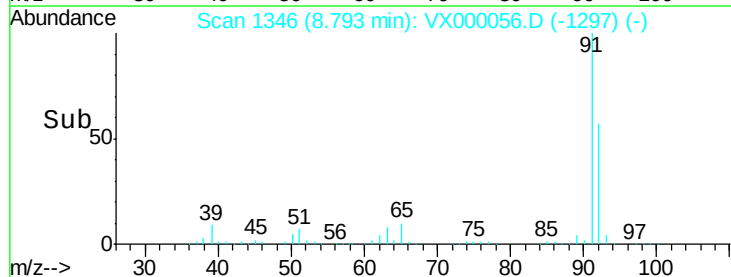
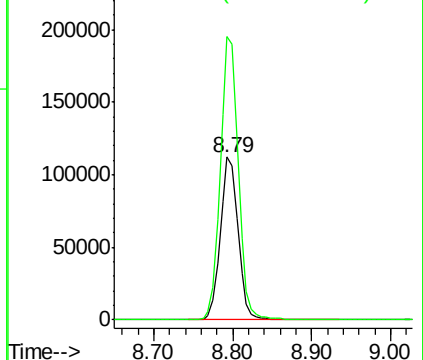
92 100

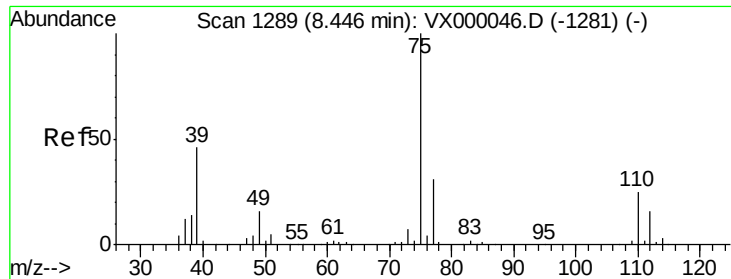
91 175.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





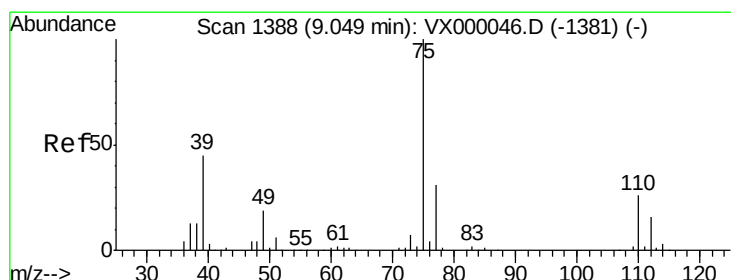
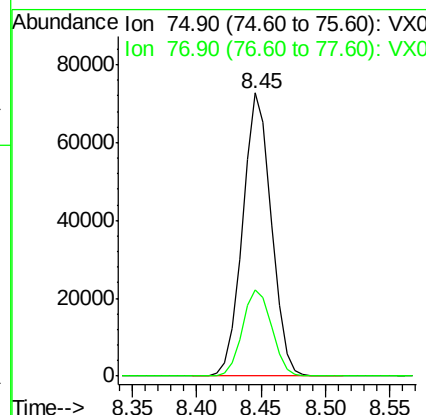
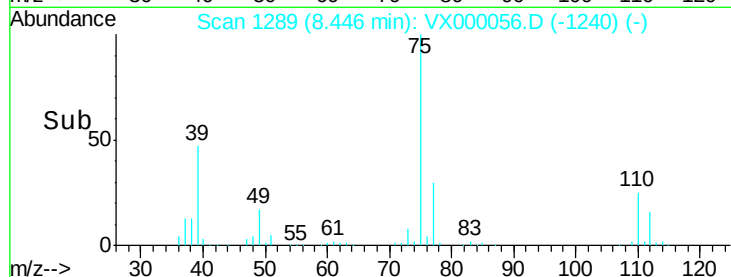
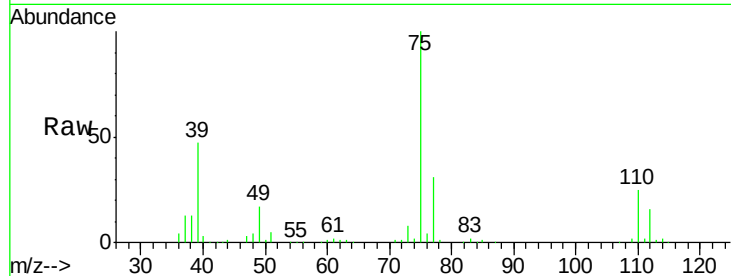
#53
 t-1,3-Dichloropropene
 Concen: 49.76 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 111631
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4

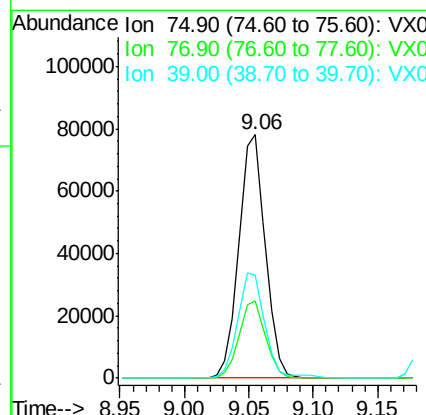
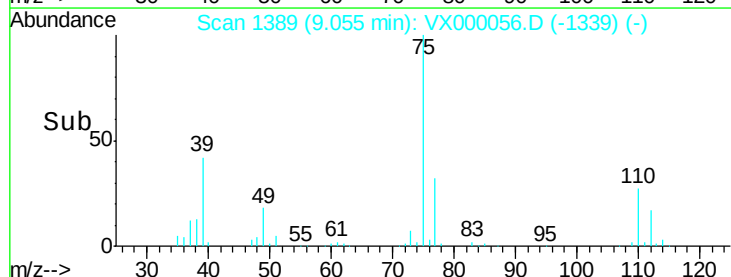
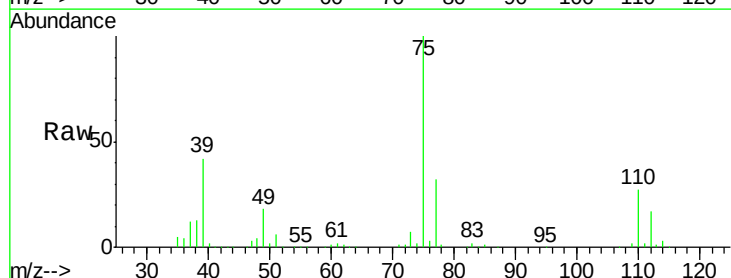
Manual Integrations
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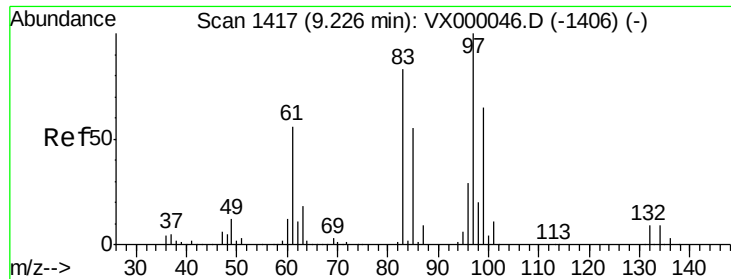
sam
 2/14/2018 5:29:56 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.11 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion: 75 Resp: 111431
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 42.3 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 49.68 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

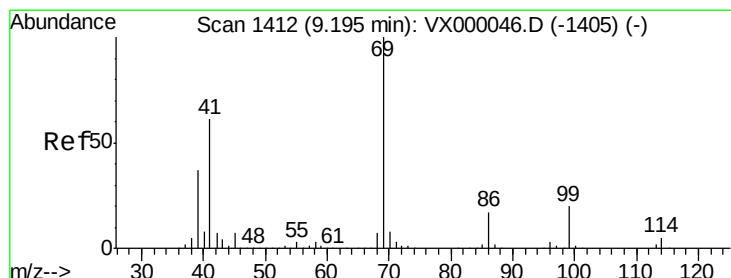
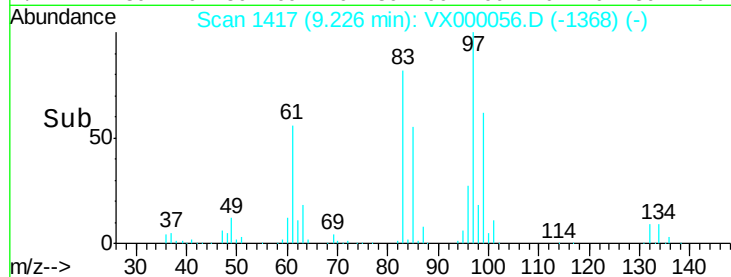
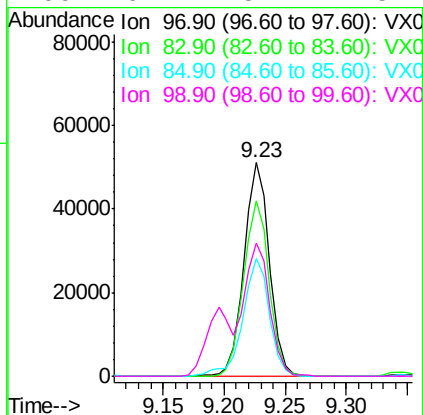
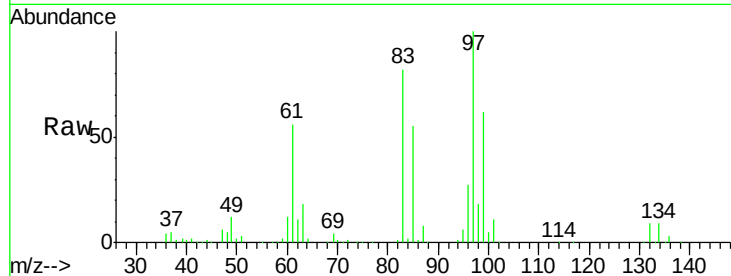
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	73542
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.5	99.7
85	55.4	43.8	65.6
99	62.1	52.2	78.4

Manual Integrations
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sam
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#56

Ethyl methacrylate

Concen: 51.12 ug/l

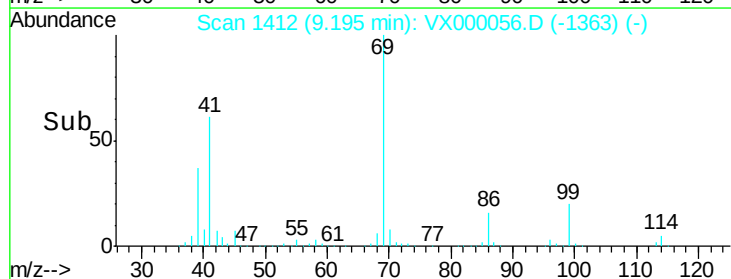
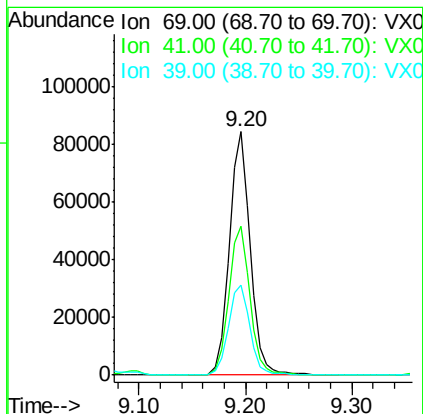
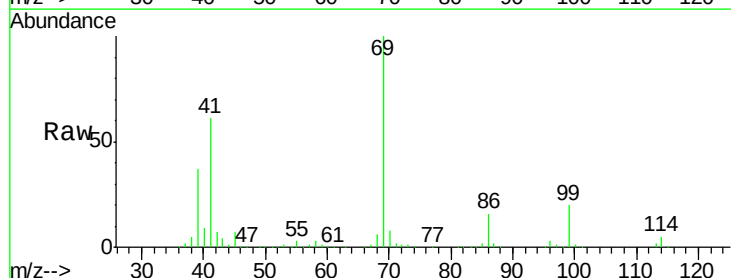
RT: 9.20 min Scan# 1412

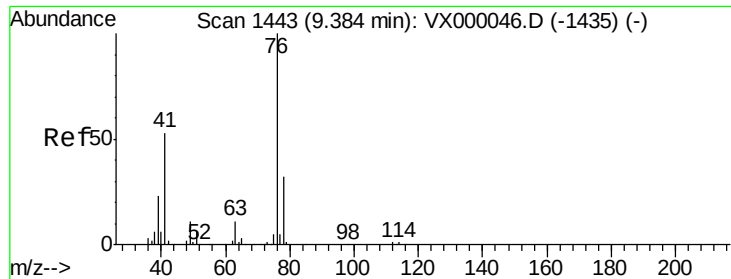
Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	69	Resp:	116091
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	38.1	29.9	44.9





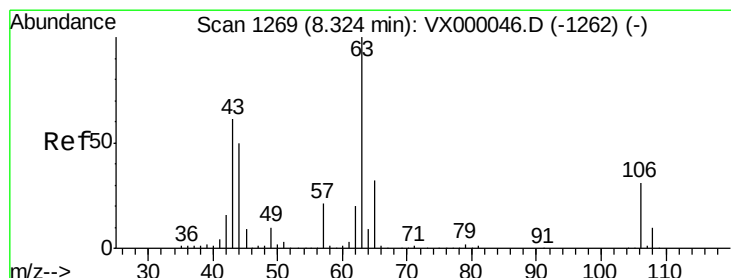
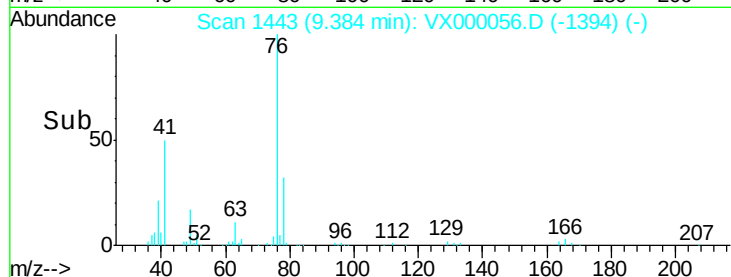
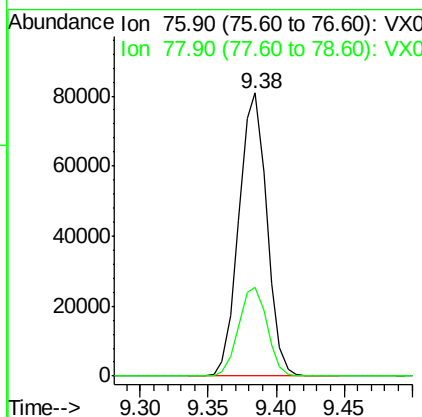
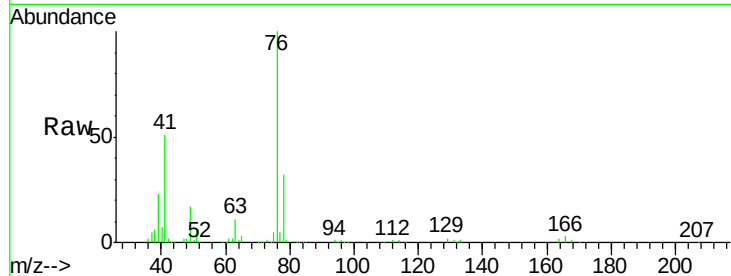
#57
 1,3-Dichloropropane
 Concen: 50.36 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 115992
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9

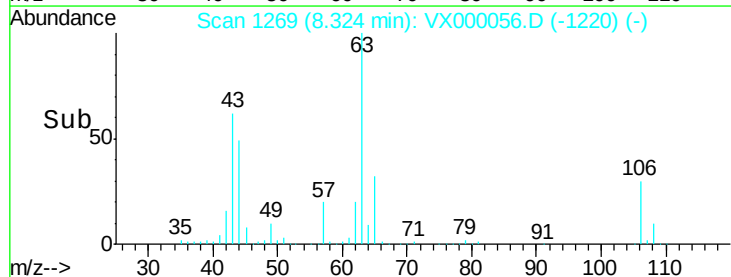
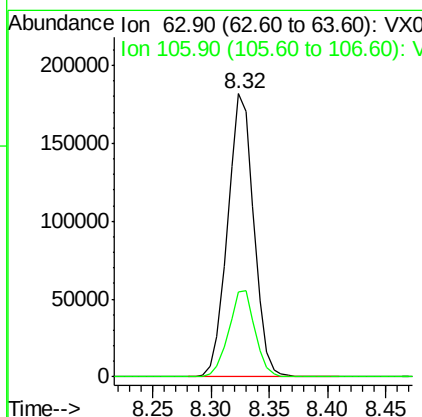
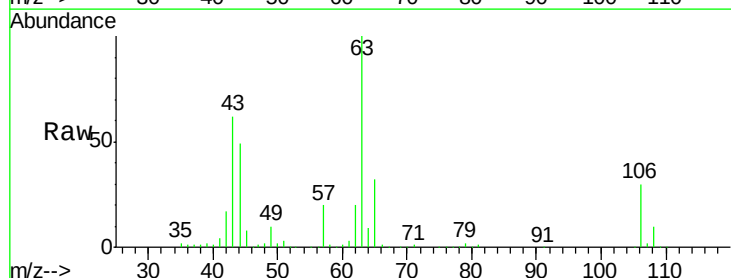
Manual Integrations
 APPROVED

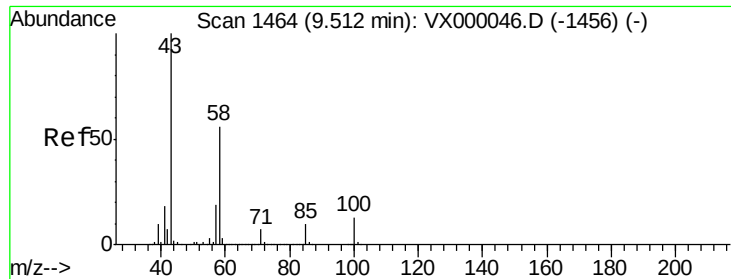
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.07 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion: 63 Resp: 283871
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.7 37.1





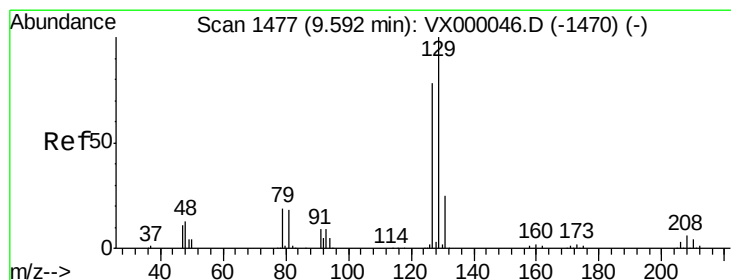
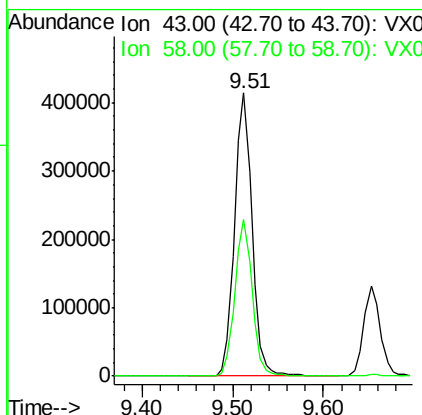
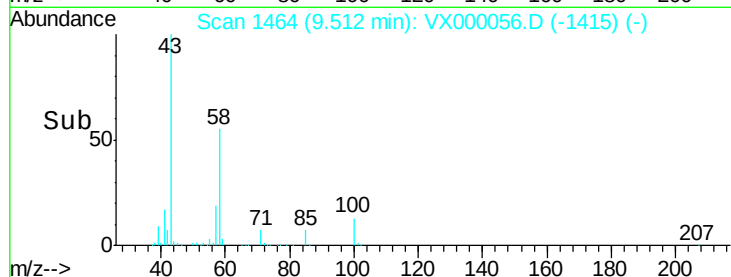
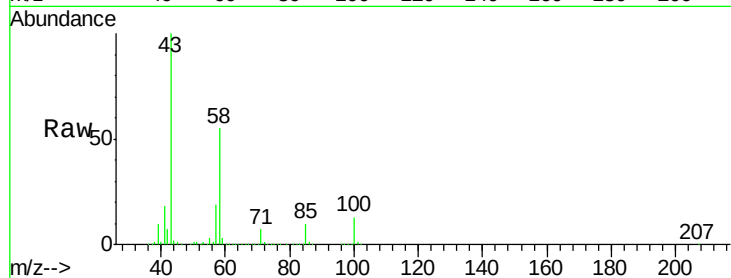
#59
2-Hexanone
Concen: 270.61 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 555228
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.7

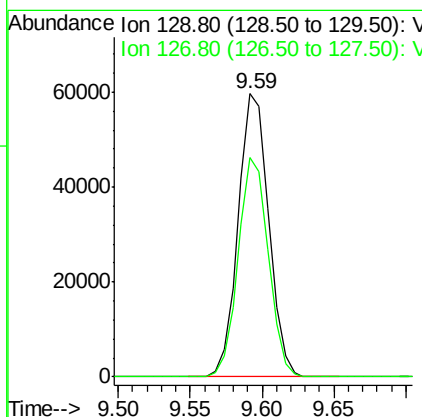
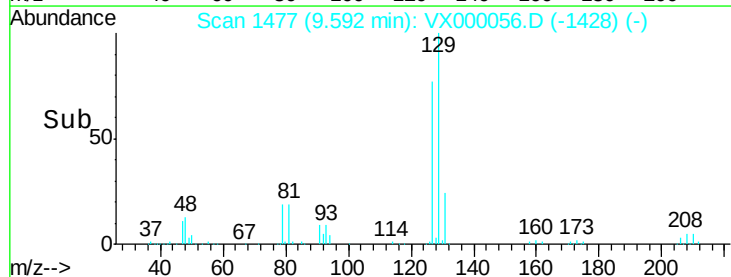
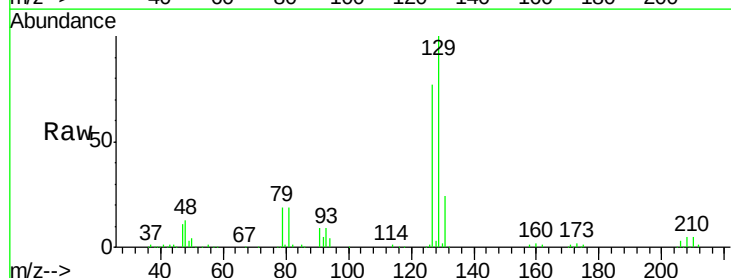
Manual Integrations
APPROVED

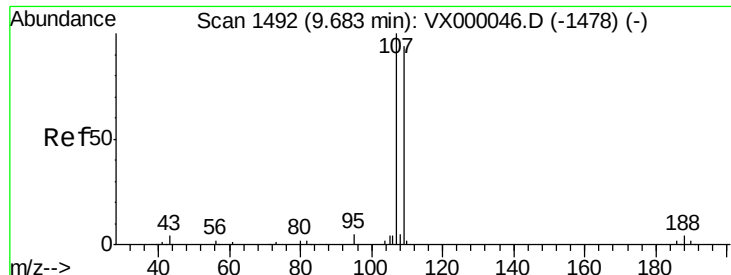
sam
2/14/2018 5:29:56 PM



#60
Dibromochloromethane
Concen: 51.58 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 129 Resp: 87819
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.04 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 107 Resp: 83232

Ion Ratio Lower Upper

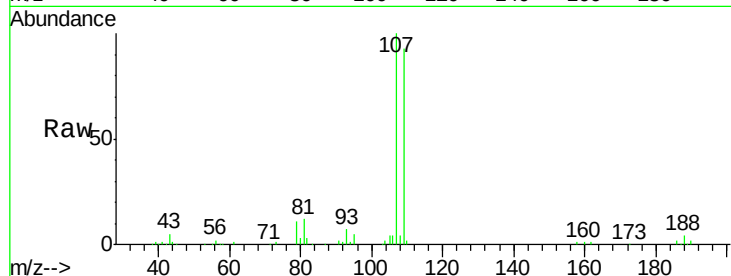
107 100

109 93.9 74.6 111.8

Manual Integrations
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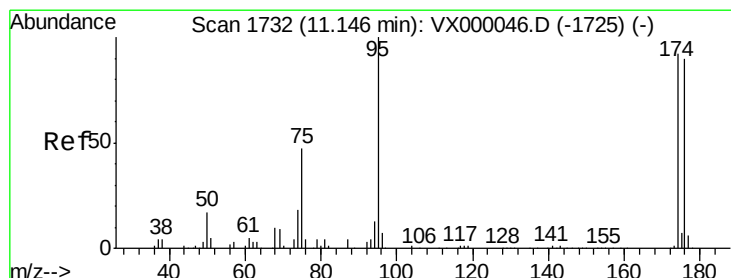
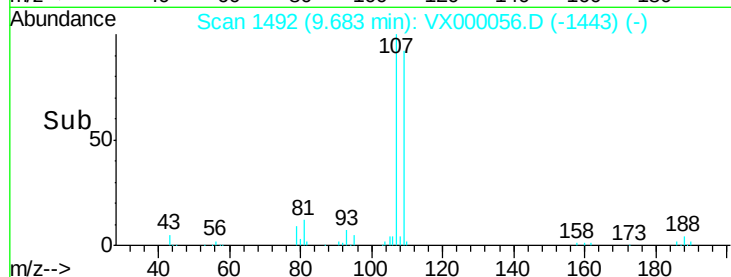
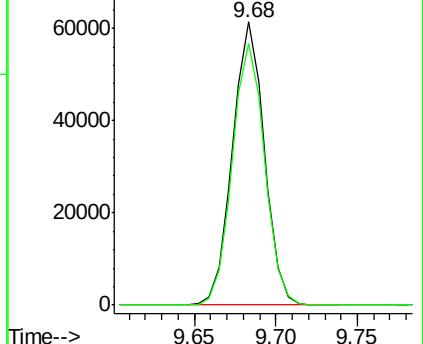
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

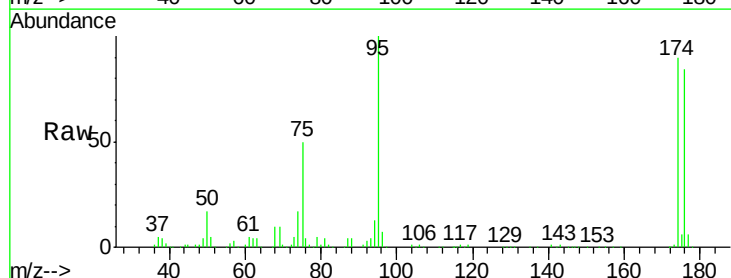
Tgt Ion: 95 Resp: 87270

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.6

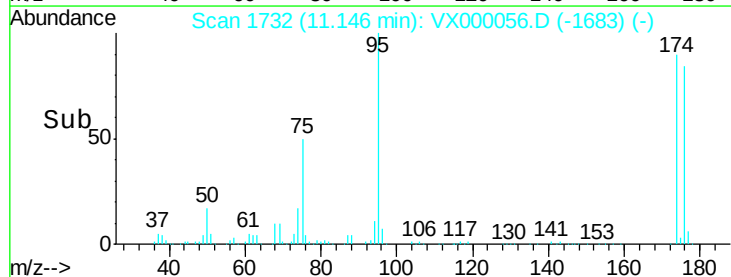
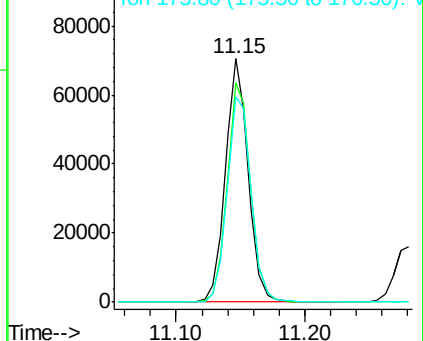
176 89.1 0.0 181.8

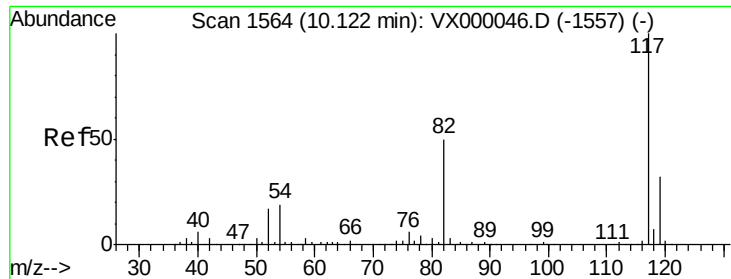


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

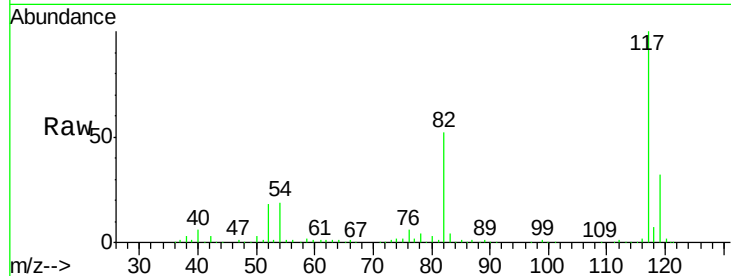
Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

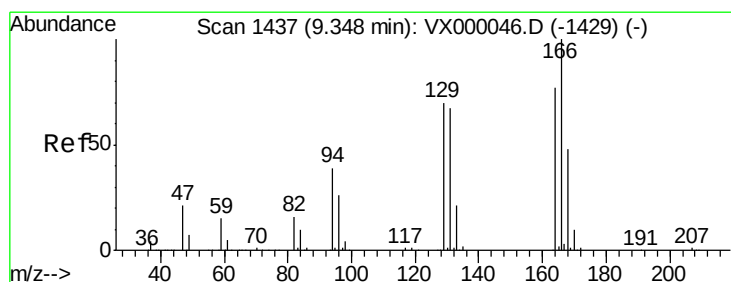
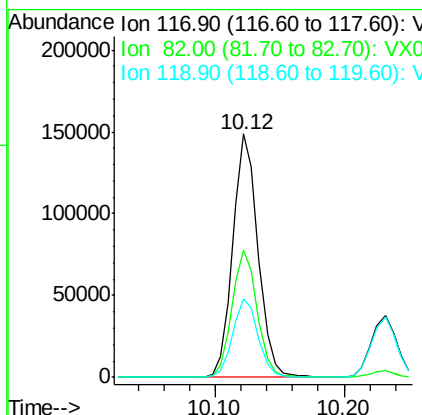
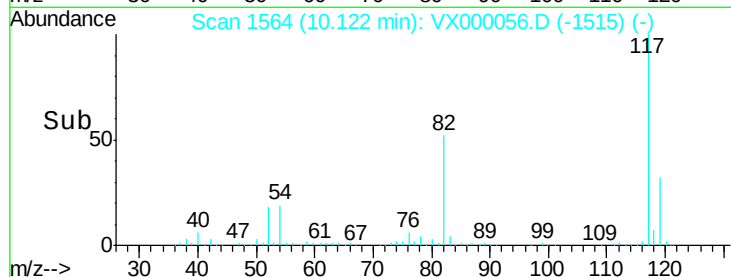
Instrument :
ClientSampled :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.3	60.5
119	32.5	25.3	37.9

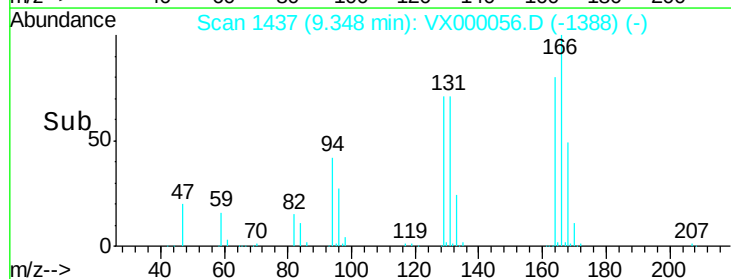
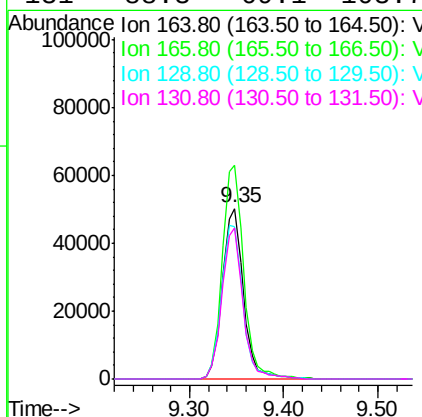
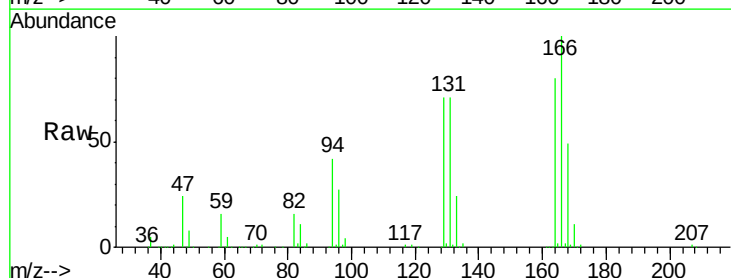
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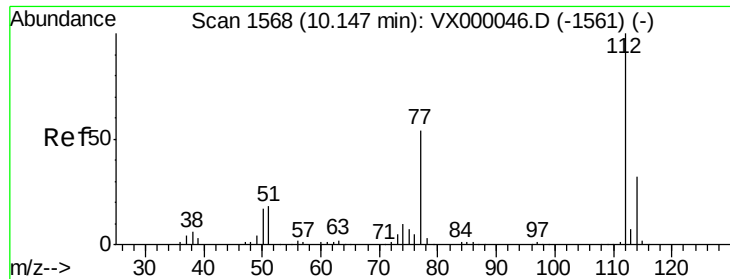
sam
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#64
Tetrachloroethene
Concen: 51.68 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	103.7	155.5
129	89.0	72.2	108.4
131	88.3	69.1	103.7





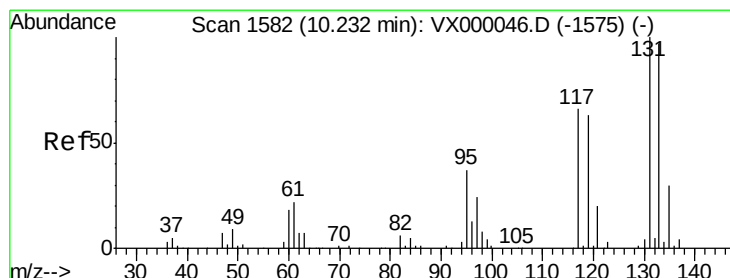
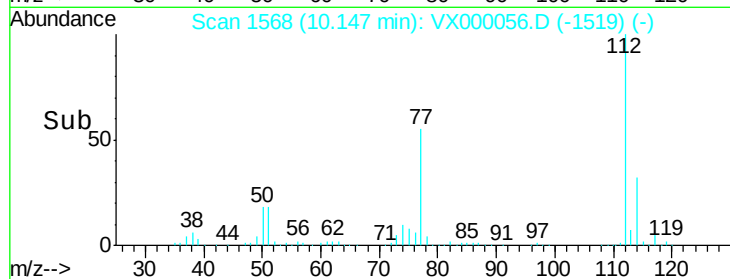
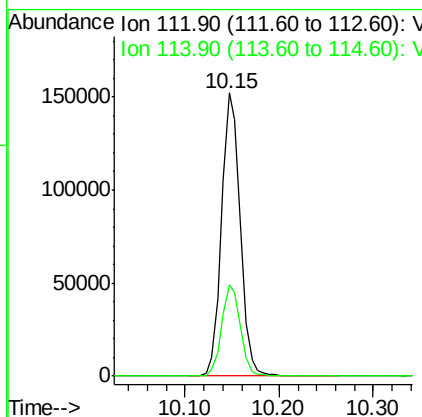
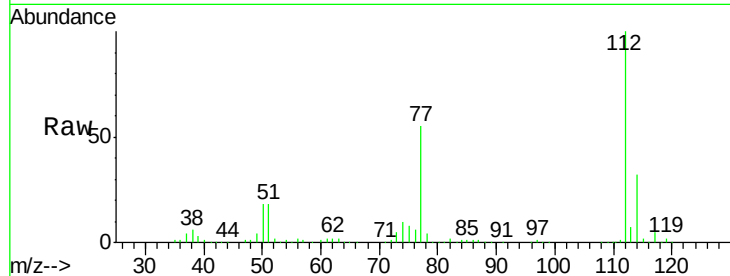
#65
Chlorobenzene
Concen: 49.38 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion:112 Resp: 208845
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

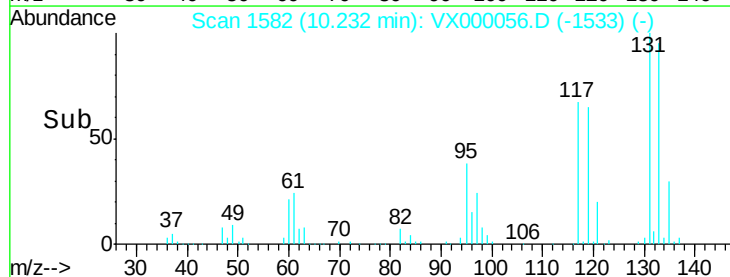
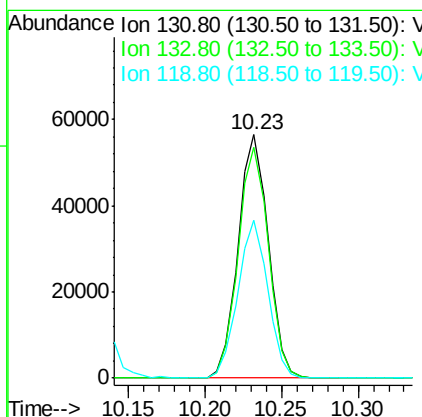
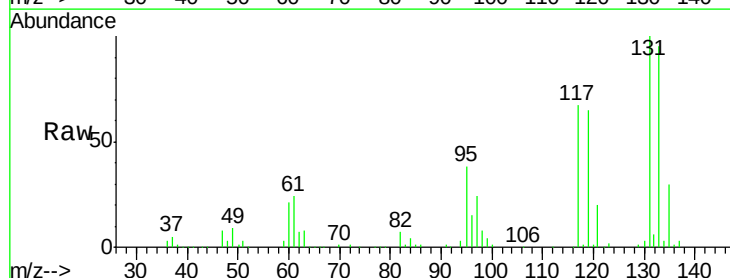
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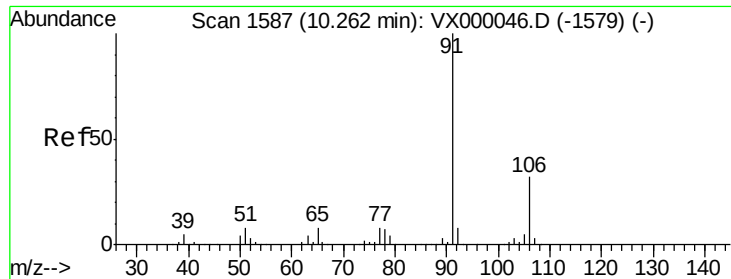
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.78 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion:131 Resp: 77211
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 64.5 31.7 95.1





#67

Ethyl Benzene

Concen: 49.72 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 348535

Ion Ratio Lower Upper

91 100

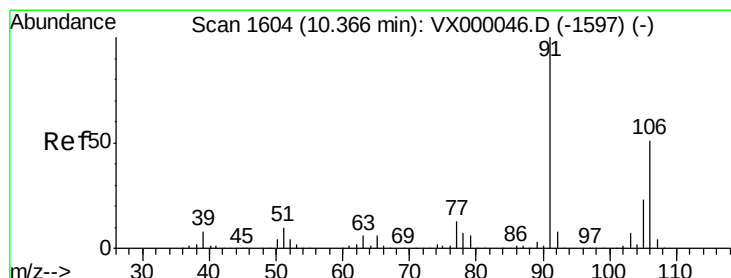
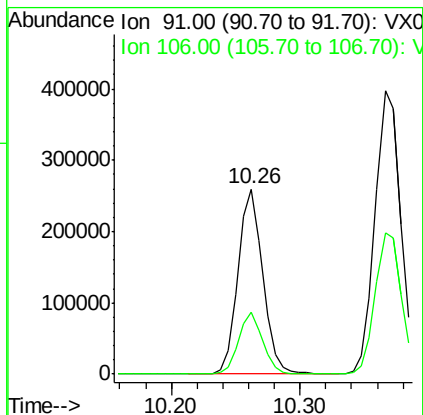
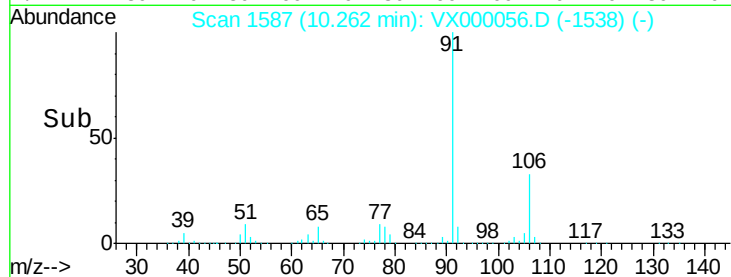
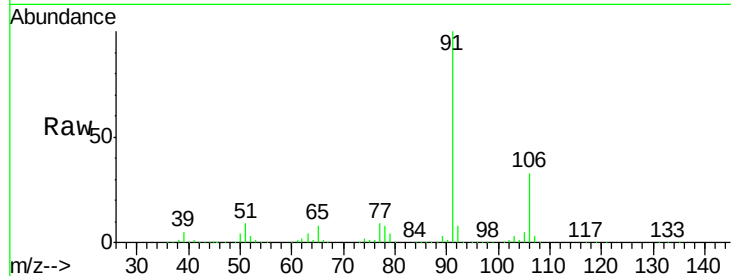
106 33.1 25.9 38.9

Manual Integrations

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sam

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#68

m/p-Xylenes

Concen: 100.44 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000056.D

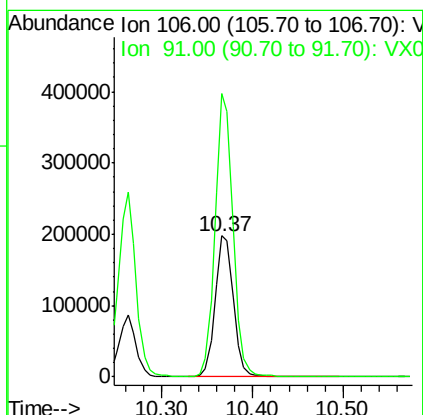
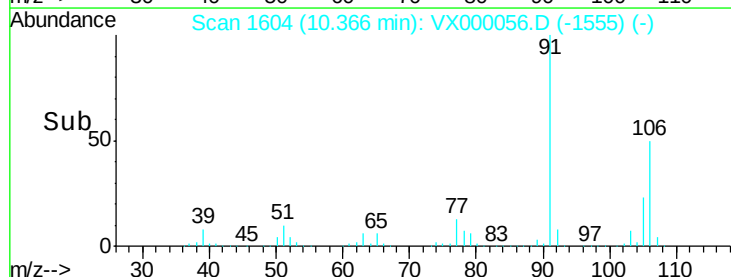
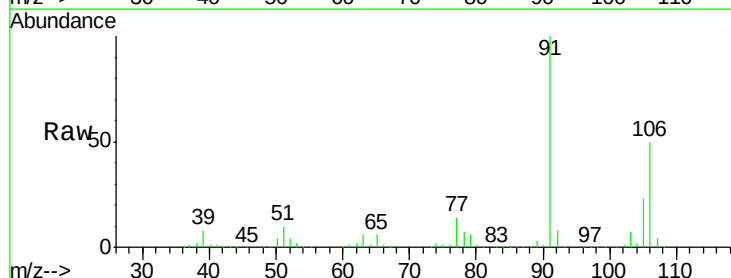
Acq: 09 Feb 2018 22:05

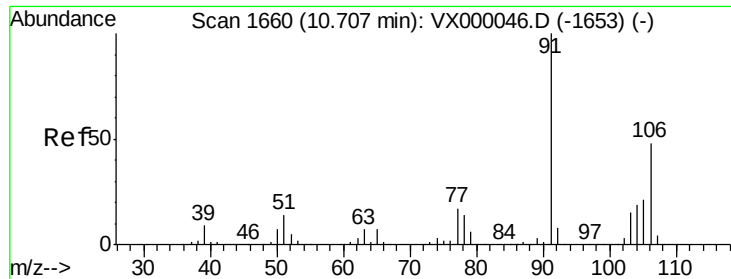
Tgt Ion: 106 Resp: 280424

Ion Ratio Lower Upper

106 100

91 197.1 158.3 237.5





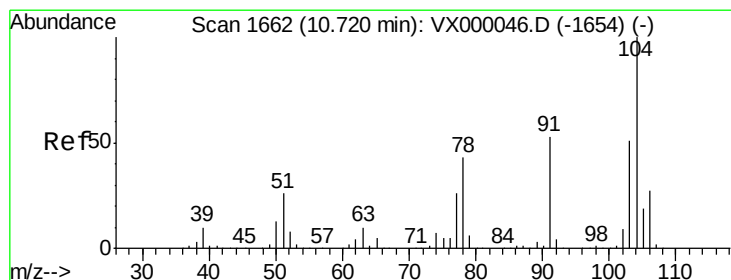
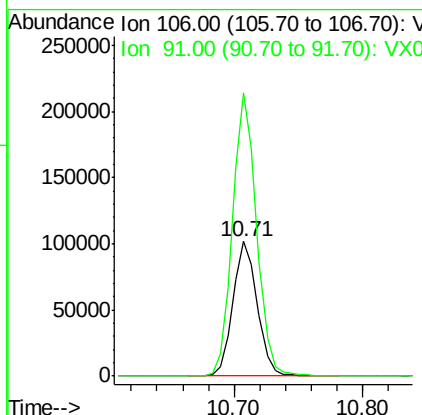
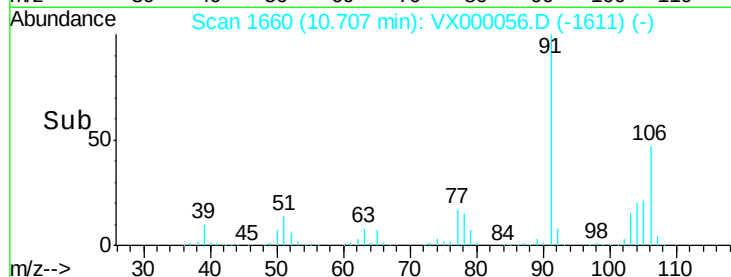
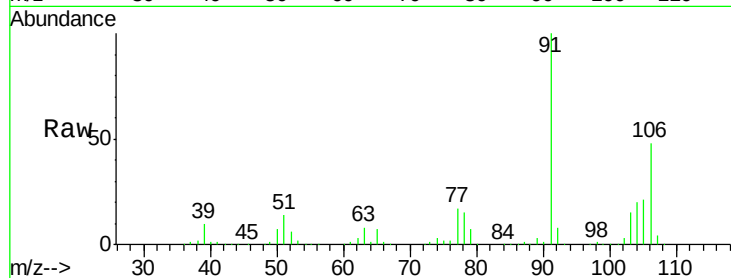
#69
o-Xylene
Concen: 50.11 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion:106 Resp: 135036
Ion Ratio Lower Upper
106 100
91 207.2 104.0 312.0

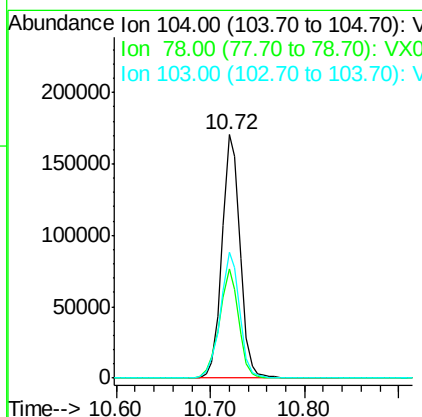
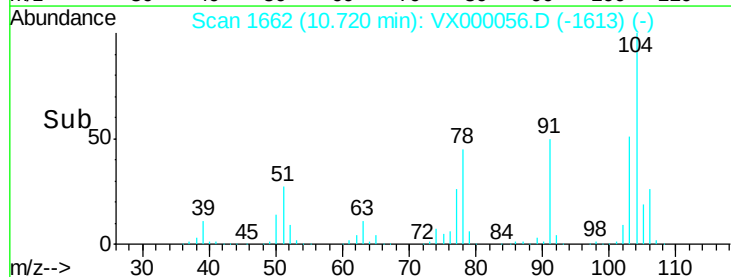
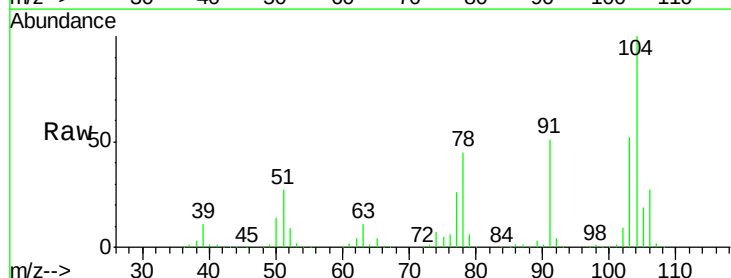
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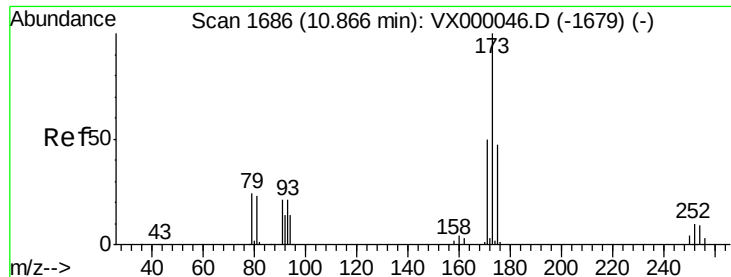
sam
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#70
Styrene
Concen: 49.64 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion:104 Resp: 225976
Ion Ratio Lower Upper
104 100
78 48.3 37.7 56.5
103 55.3 44.0 66.0





#71

Bromoform

Concen: 51.82 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

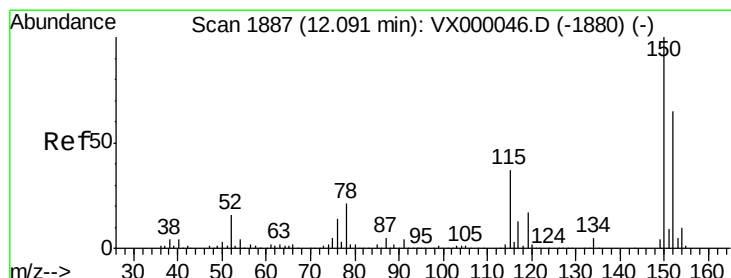
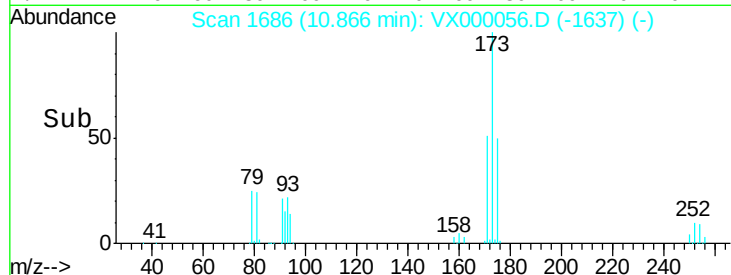
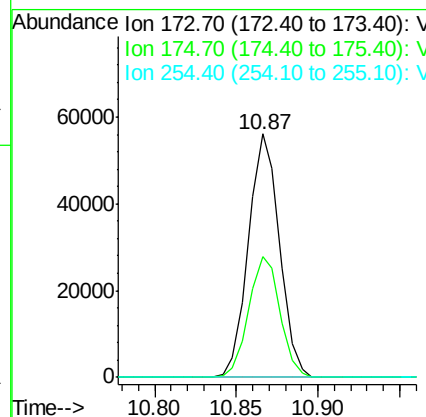
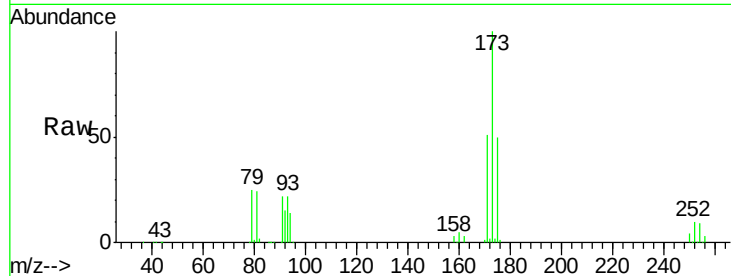
Instrument :

ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.9	71.8
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

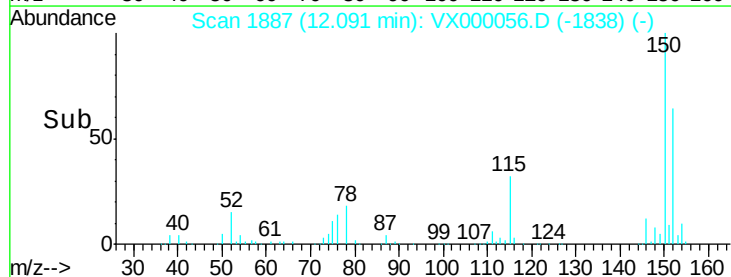
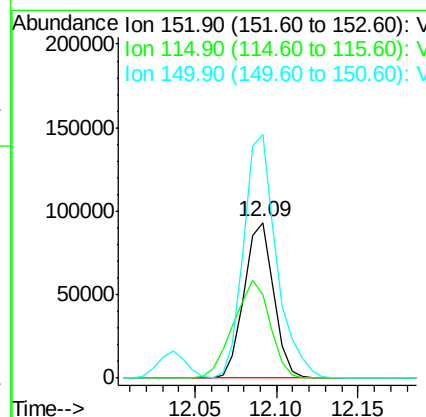
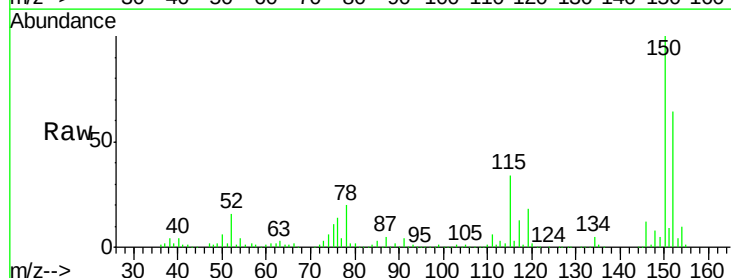
RT: 12.09 min Scan# 1887

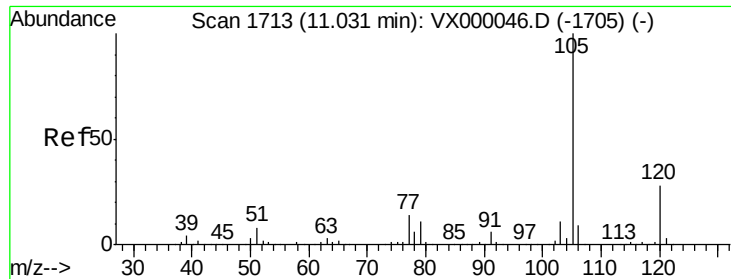
Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	39.3	117.8
150	174.0	0.0	349.2





#73

Isopropylbenzene

Concen: 48.29 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :
VSTDCCC050EC

Tgt Ion: 105 Resp: 360495

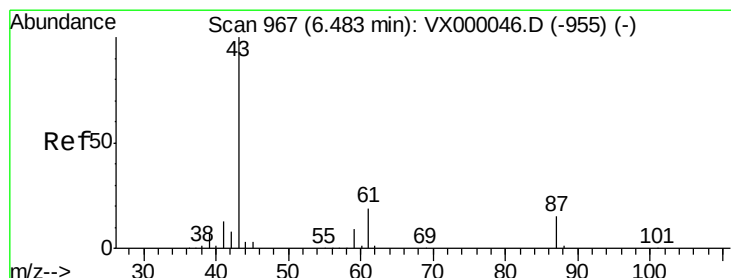
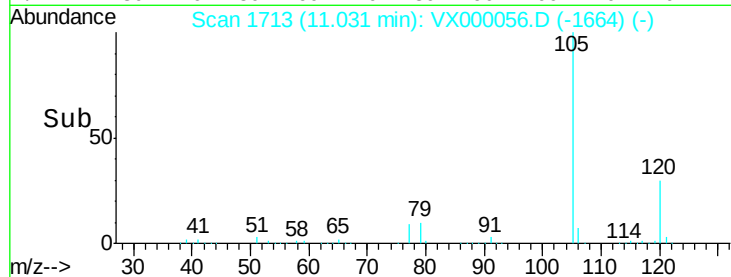
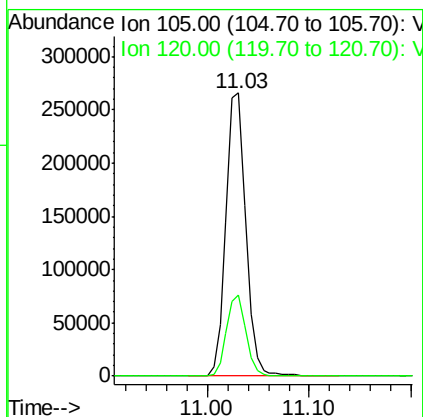
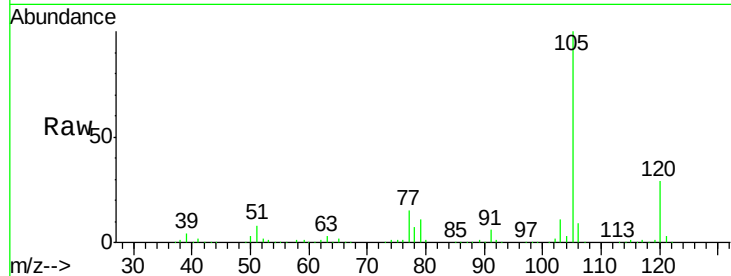
Ion Ratio Lower Upper

105 100

120 28.0 13.8 41.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 47.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion: 43 Resp: 177977

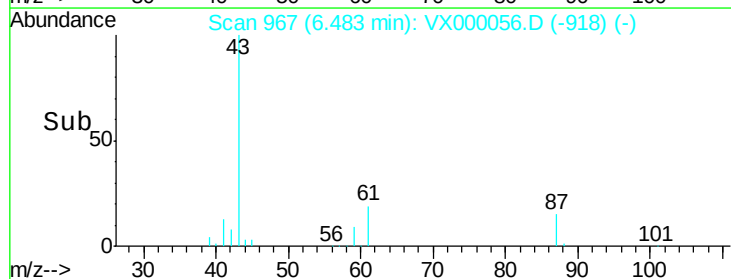
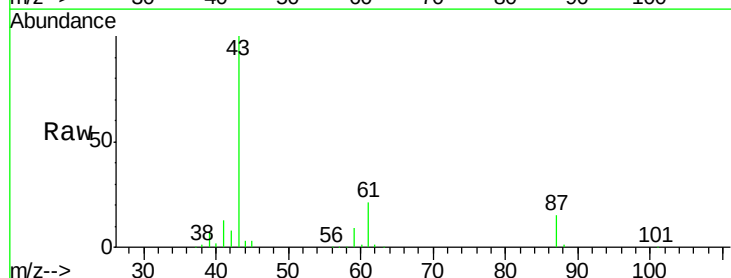
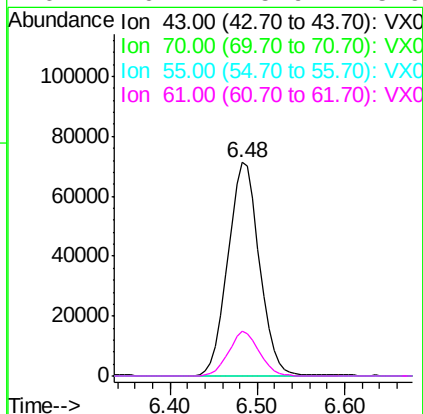
Ion Ratio Lower Upper

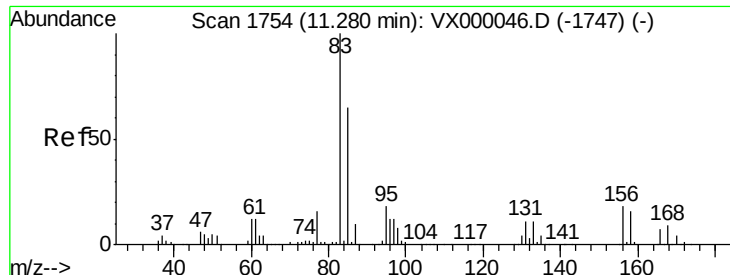
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.4 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.94 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 83 Resp: 124307
Ion Ratio Lower Upper

83 100

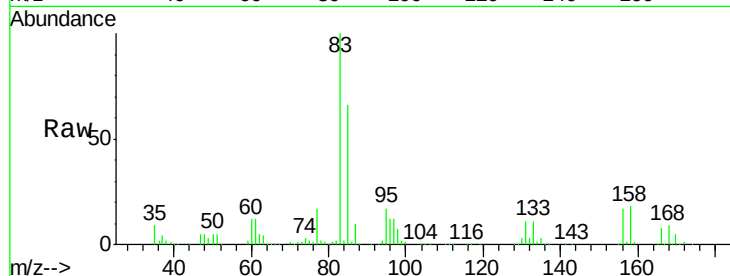
131 11.1 5.5 16.7

85 64.9 32.6 97.7

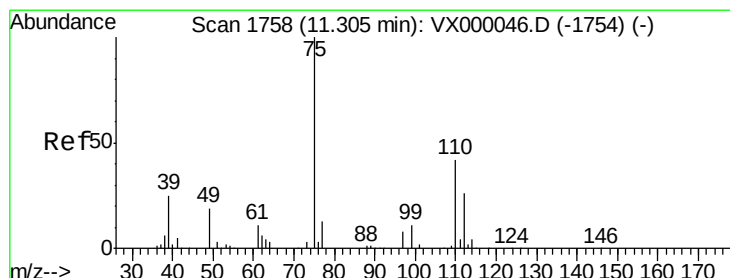
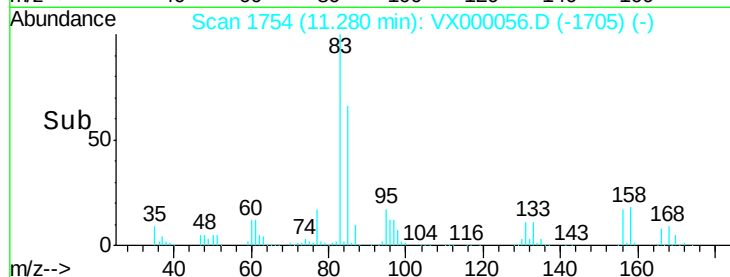
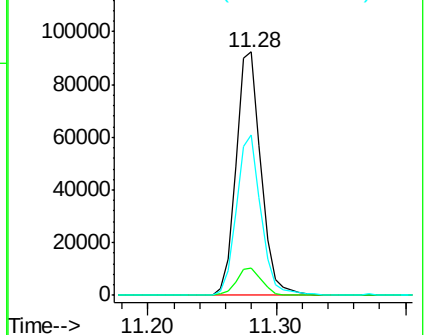
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.95 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

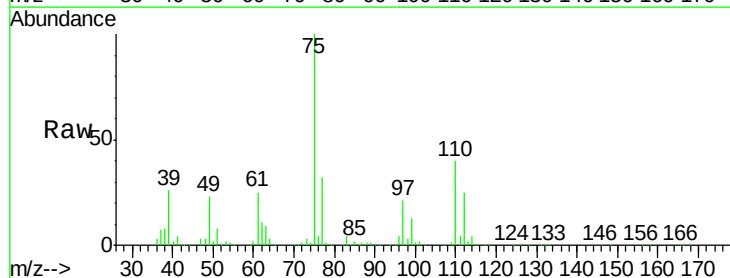
Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

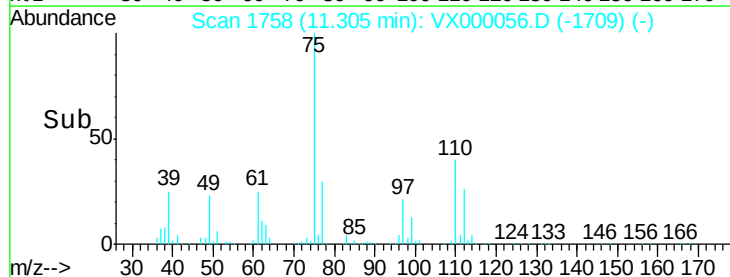
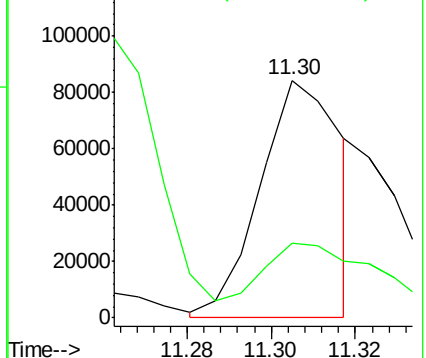
Tgt Ion: 75 Resp: 112900
Ion Ratio Lower Upper

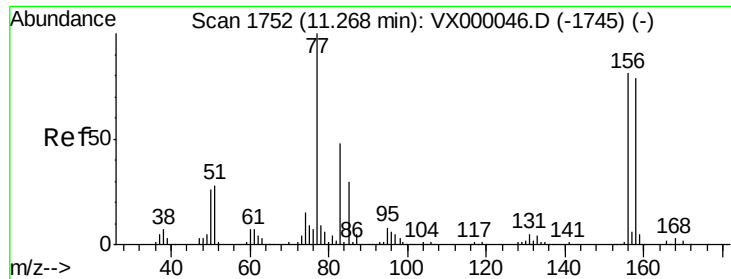
75 100

77 46.2 23.7 71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.30 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

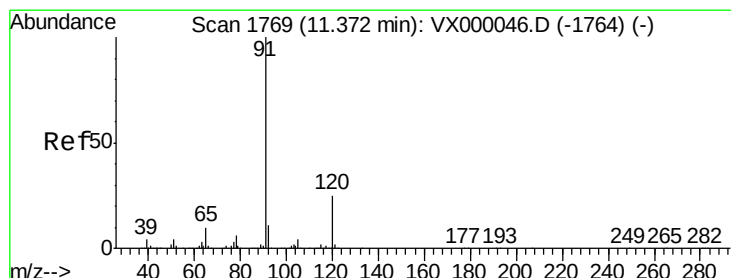
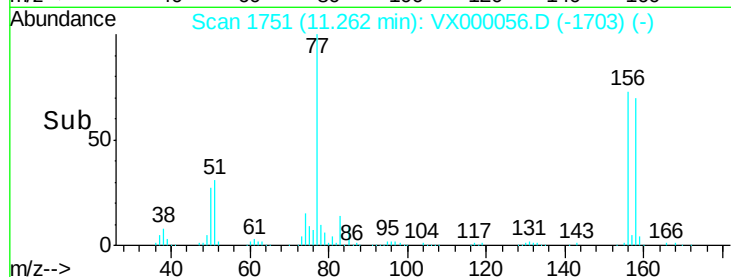
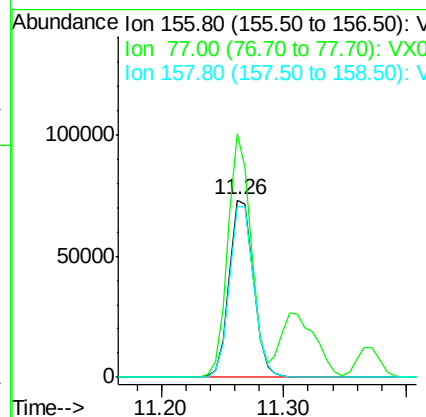
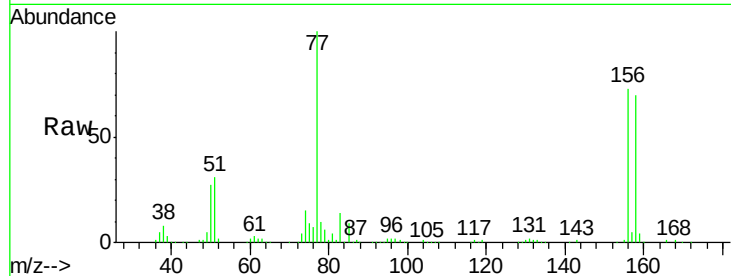
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	99854		
77	132.1	66.2	198.6	
158	97.2	48.6	145.9	

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 48.57 ug/l

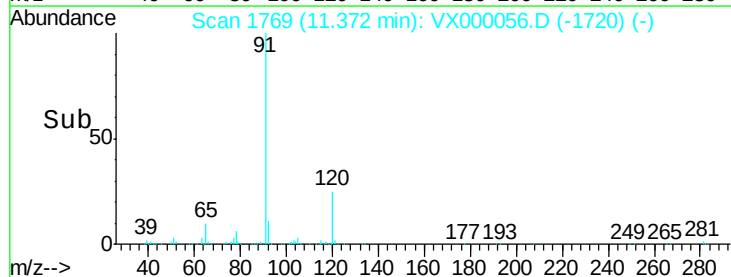
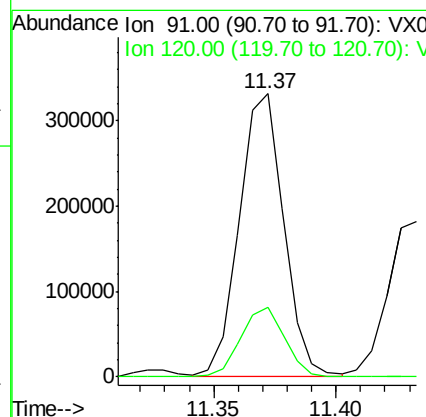
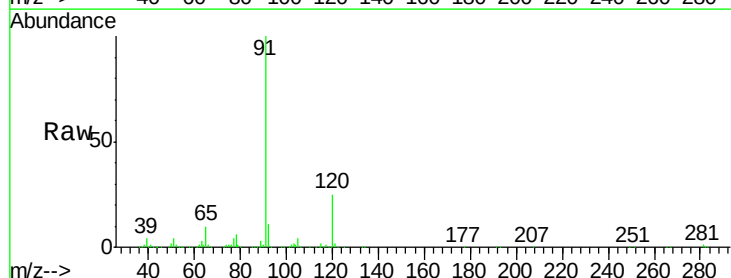
RT: 11.37 min Scan# 1769

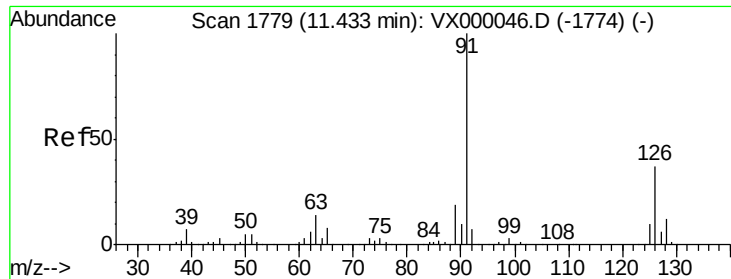
Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	420461		
120	24.5	12.2	36.6	





#79

2-Chlorotoluene

Concen: 48.62 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :

VSTDCCC050EC

Tgt Ion: 91 Resp: 243333

Ion Ratio Lower Upper

91 100

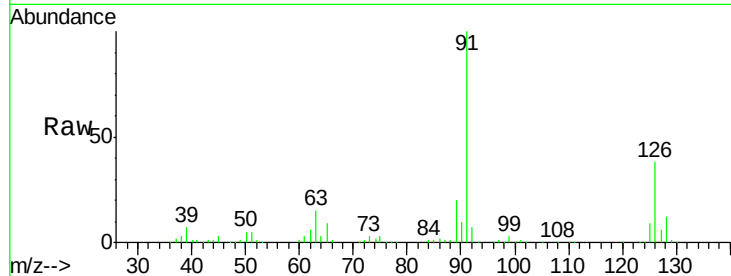
126 36.8 18.2 54.6

Manual Integrations

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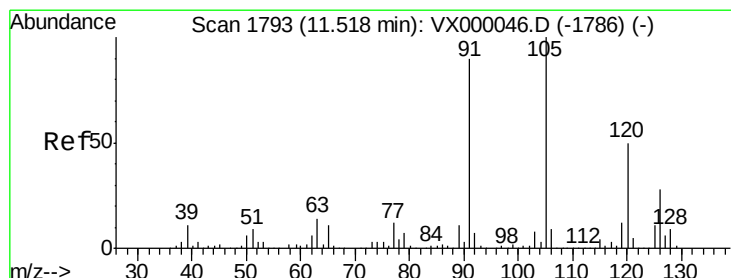
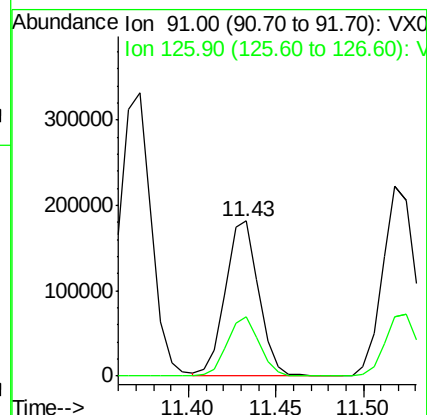
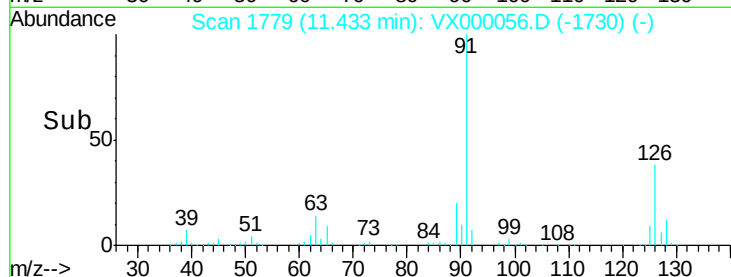
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.40 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000056.D

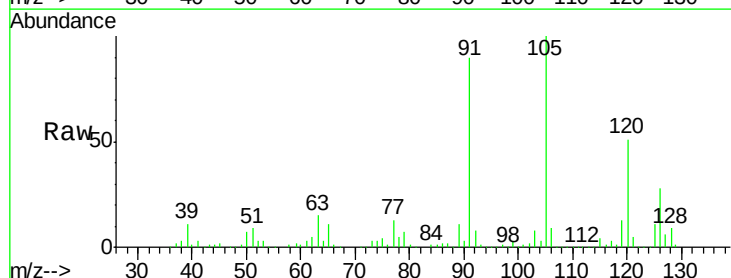
Acq: 09 Feb 2018 22:05

Tgt Ion: 105 Resp: 302713

Ion Ratio Lower Upper

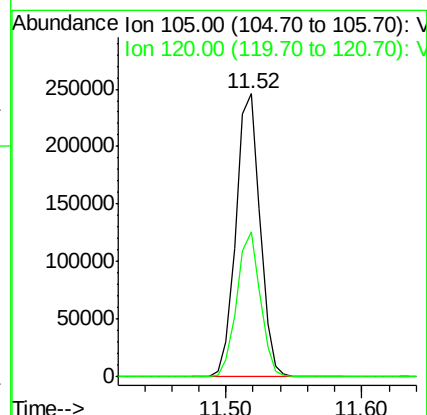
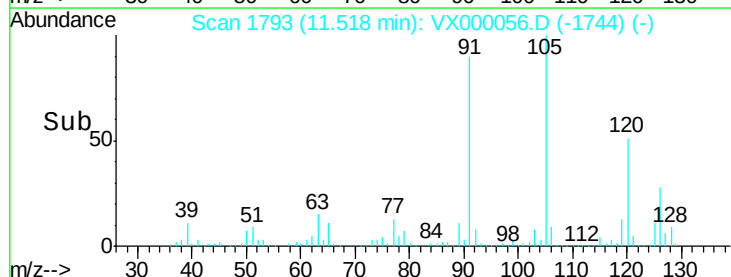
105 100

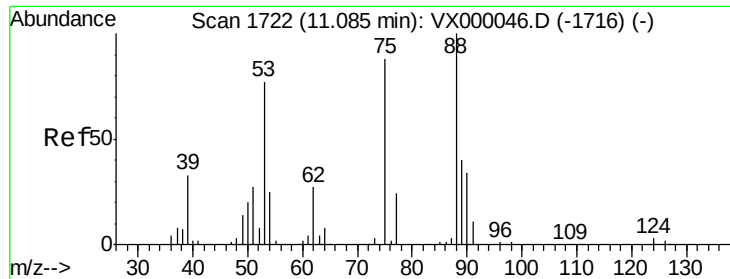
120 50.1 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)





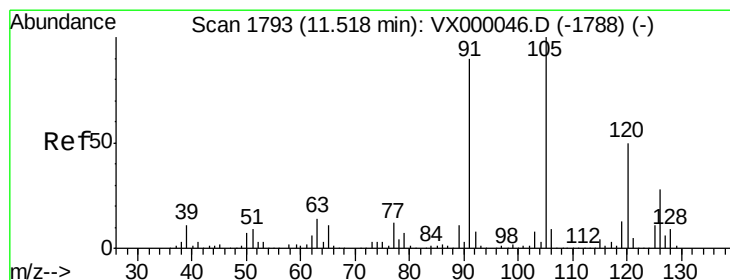
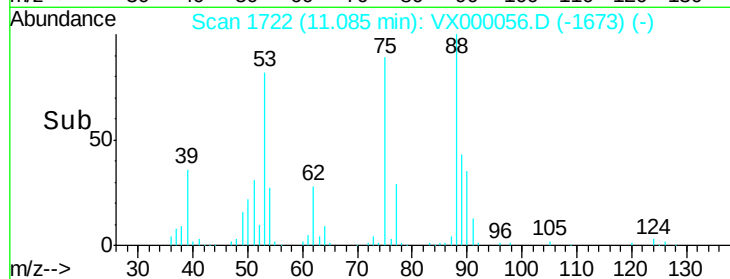
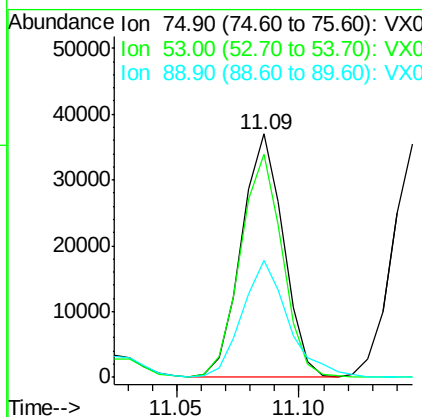
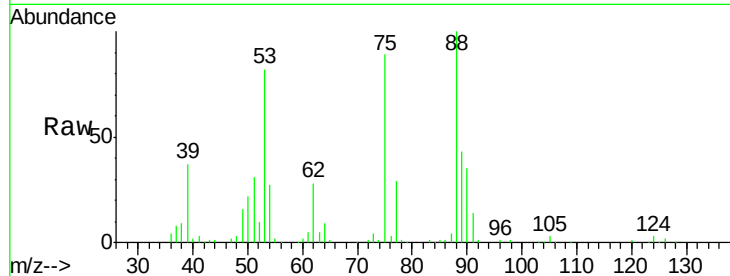
#81
trans-1,4-Dichloro-2-butene
Concen: 49.23 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion: 75 Resp: 44084
Ion Ratio Lower Upper
75 100
53 91.9 70.3 105.5
89 53.1 48.6 72.8

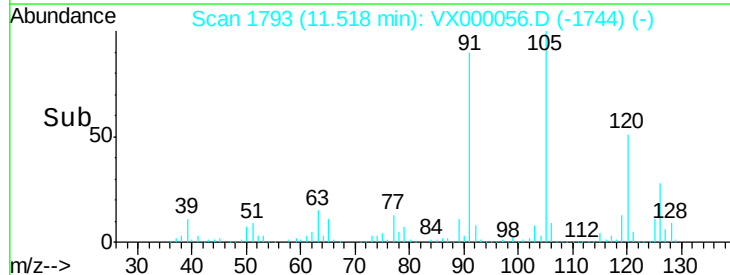
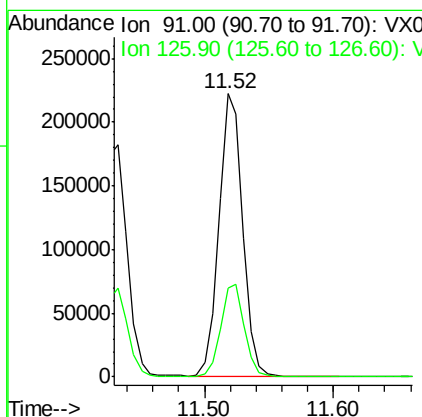
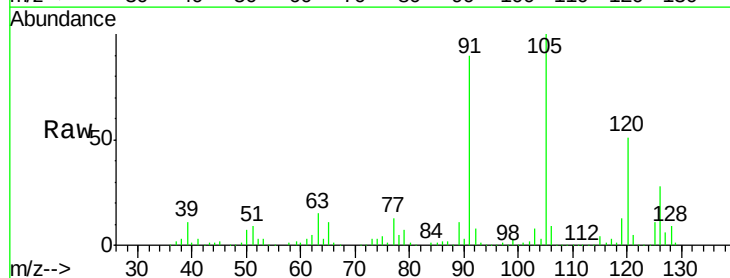
Manual Integrations
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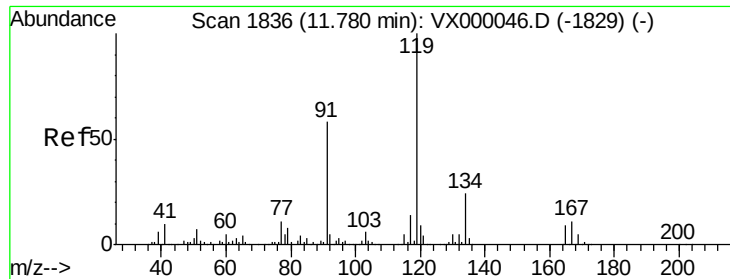
sam
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#82
4-Chlorotoluene
Concen: 48.34 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion: 91 Resp: 289122
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8





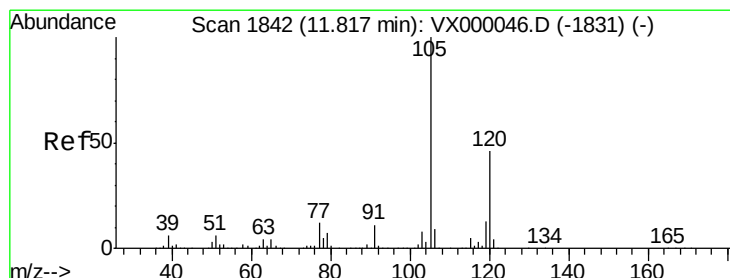
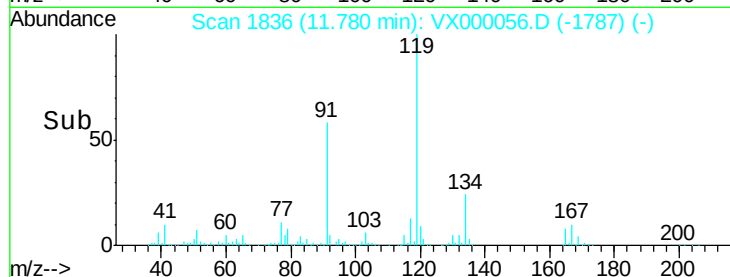
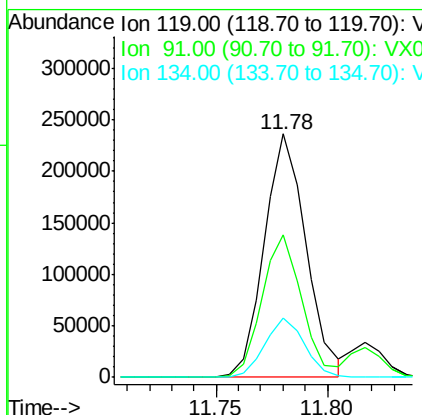
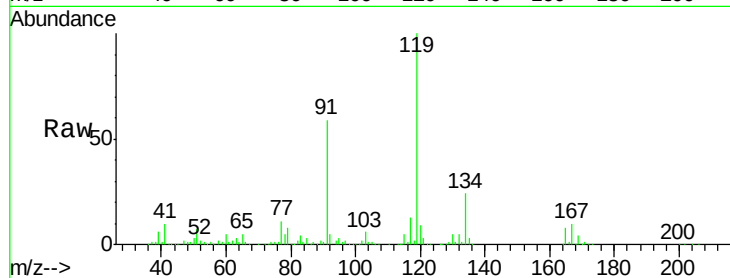
#83
 tert-Butylbenzene
 Concen: 48.65 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.4	27.9	83.7
134	23.5	11.7	35.1

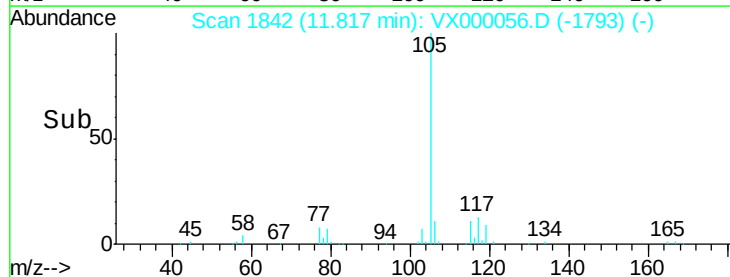
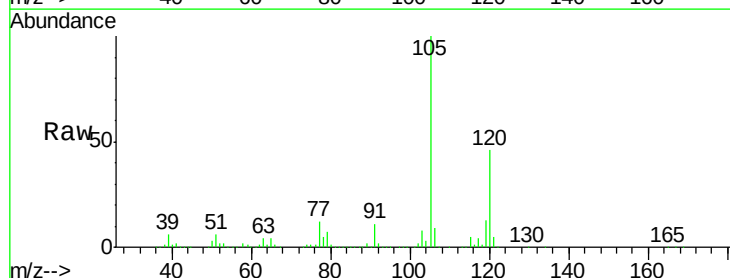
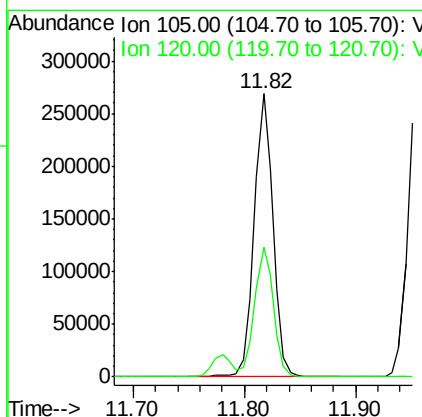
Manual Integrations
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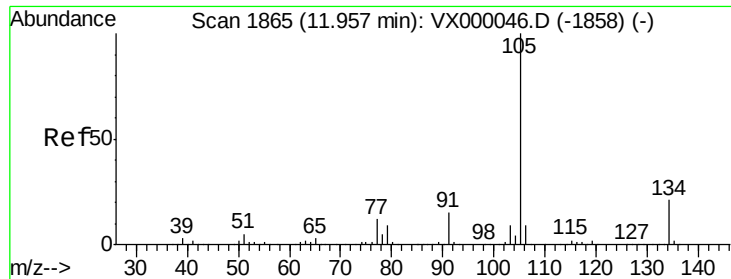
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.30 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.2





#85

sec-Butylbenzene

Concen: 48.61 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

ClientSampled :
VSTDCCC050EC

Tgt Ion:105 Resp: 378002

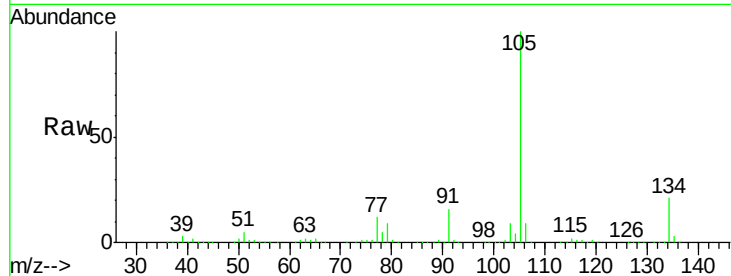
Ion Ratio Lower Upper

105 100

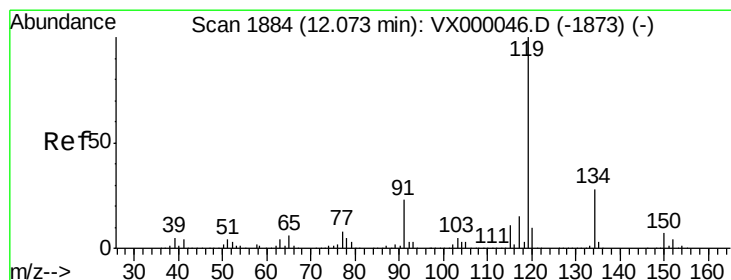
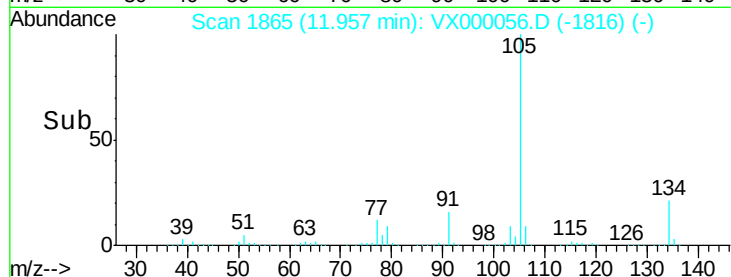
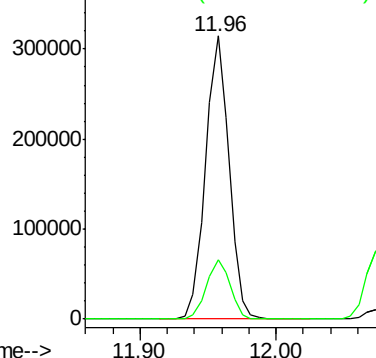
134 21.3 10.6 31.8

Manual Integrations
APPROVED

sam
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.50 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

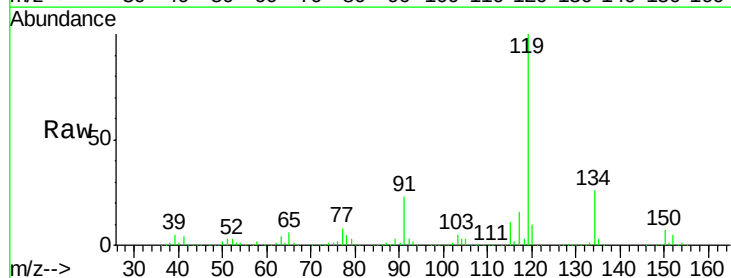
Tgt Ion:119 Resp: 339122

Ion Ratio Lower Upper

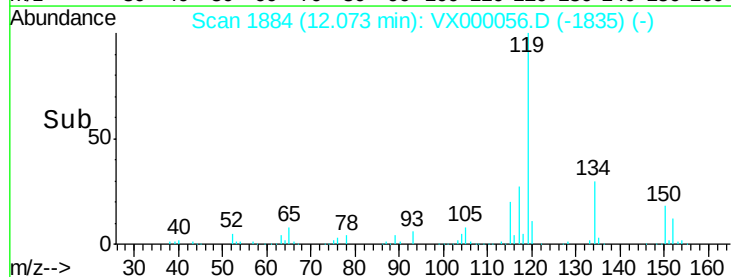
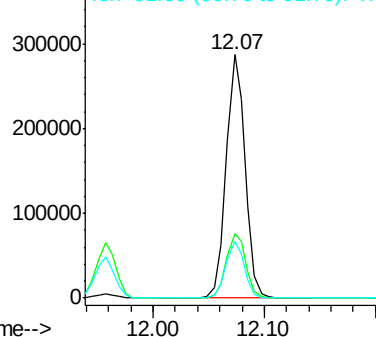
119 100

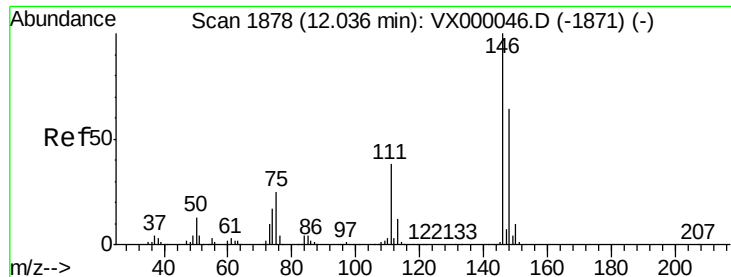
134 27.3 14.0 41.9

91 23.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





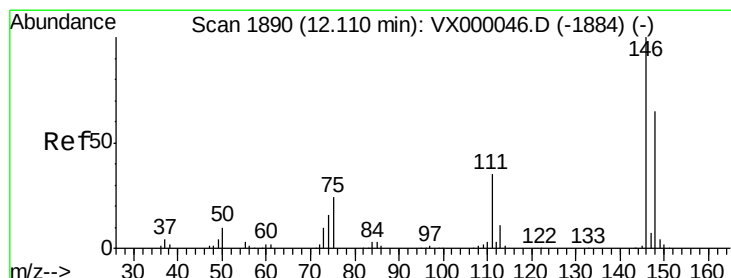
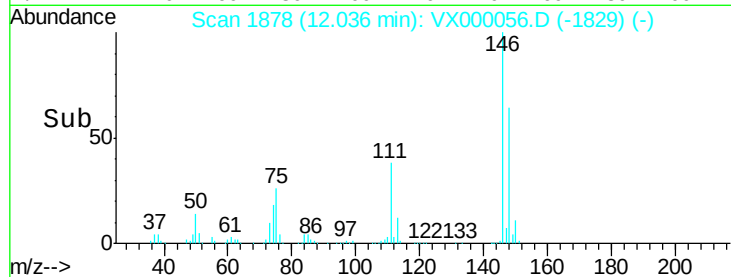
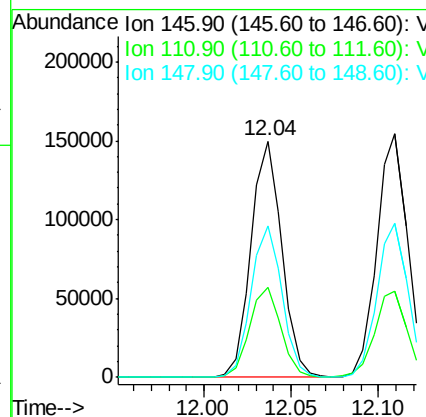
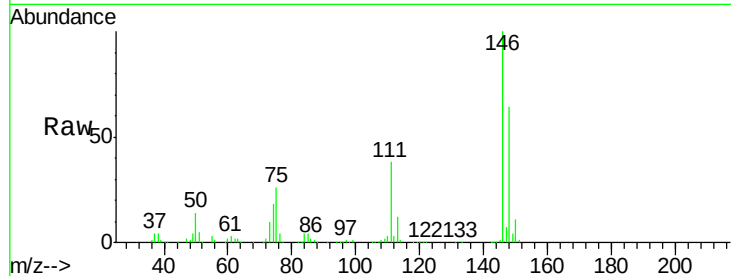
#87
 1,3-Dichlorobenzene
 Concen: 48.08 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183494		
111	38.5	18.9	56.9	
148	64.6	31.8	95.4	

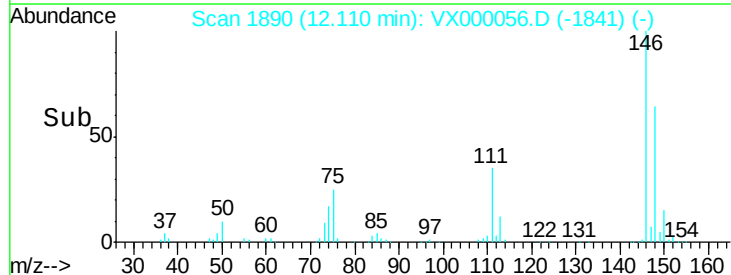
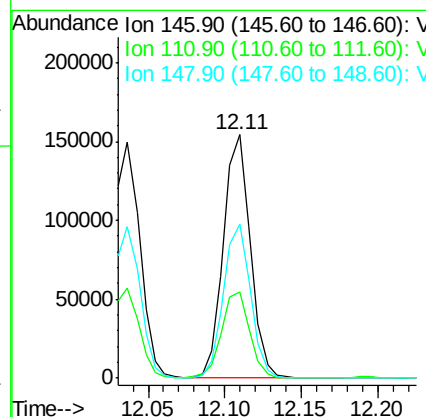
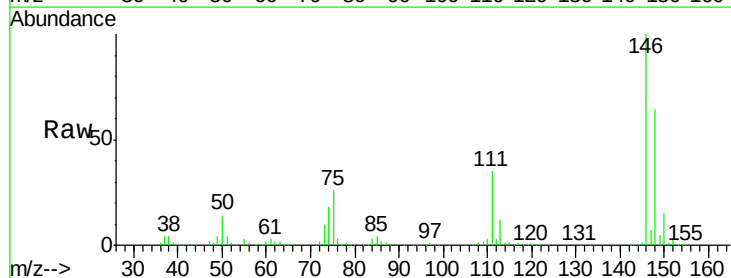
Manual Integrations
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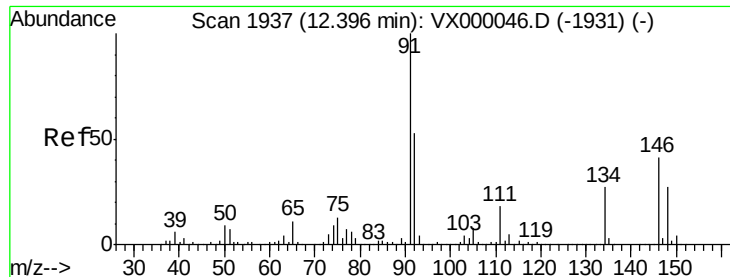
sam
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#88
 1,4-Dichlorobenzene
 Concen: 48.34 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188806		
111	36.8	18.7	56.1	
148	63.8	32.1	96.5	





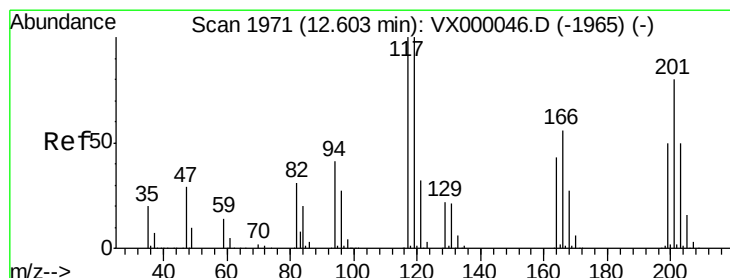
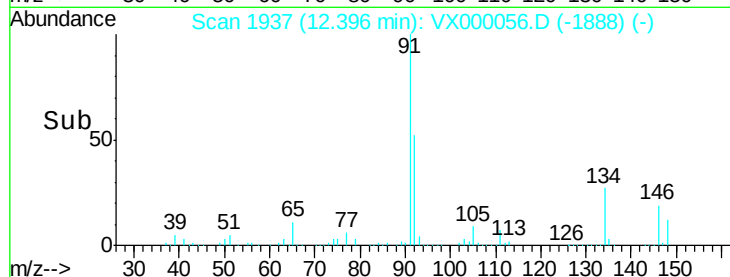
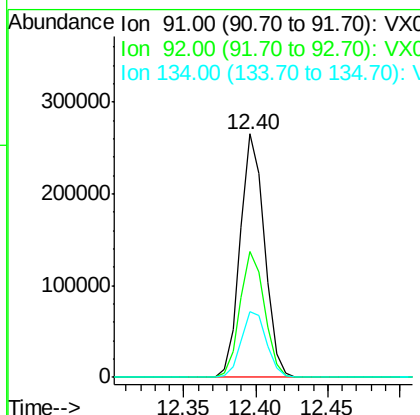
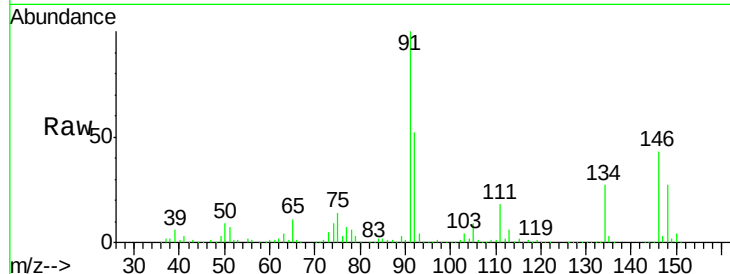
#89
n-Butylbenzene
Concen: 47.48 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	310155		
92	52.3	26.1	78.2	
134	28.2	14.1	42.2	

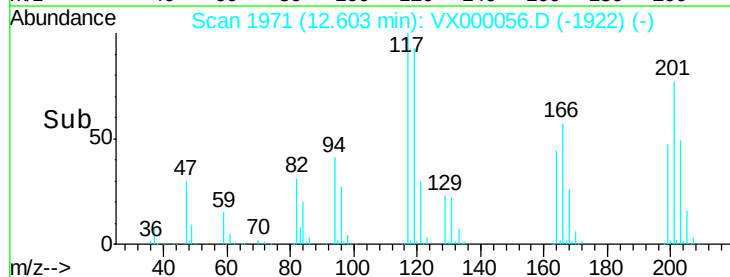
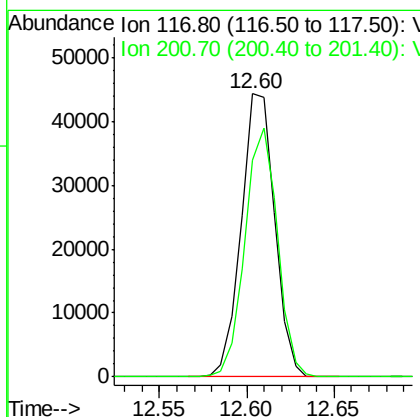
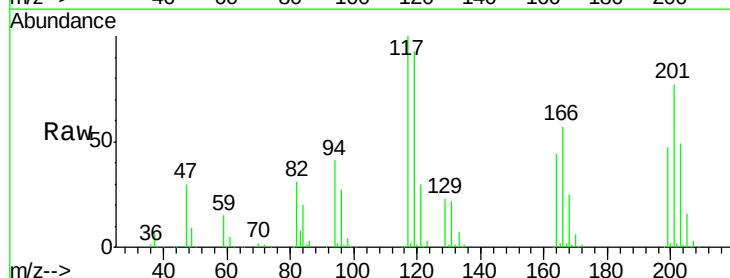
Manual Integrations
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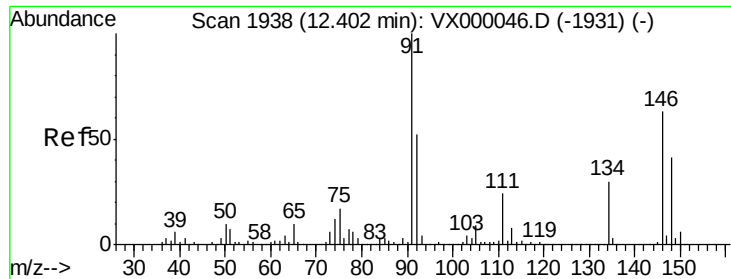
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#90
Hexachloroethane
Concen: 48.27 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59021		
201	85.2	43.5	130.7	





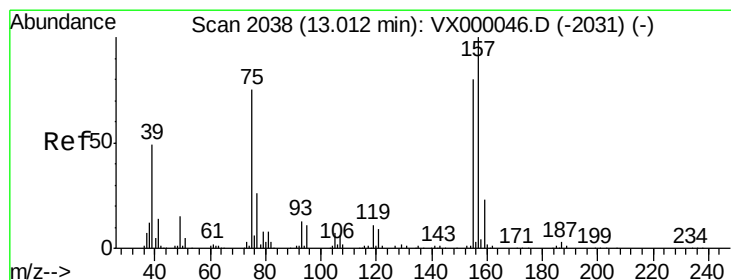
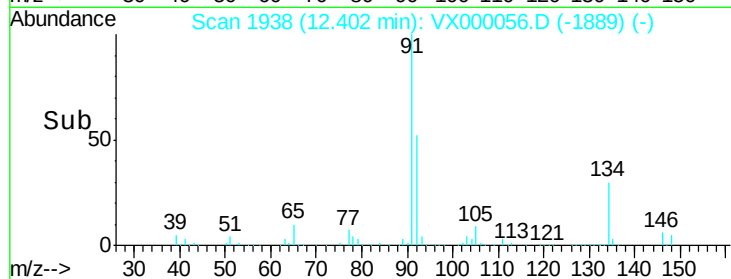
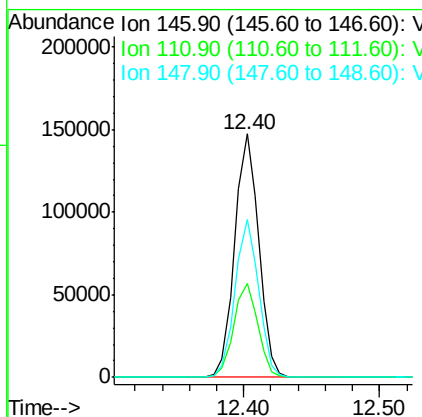
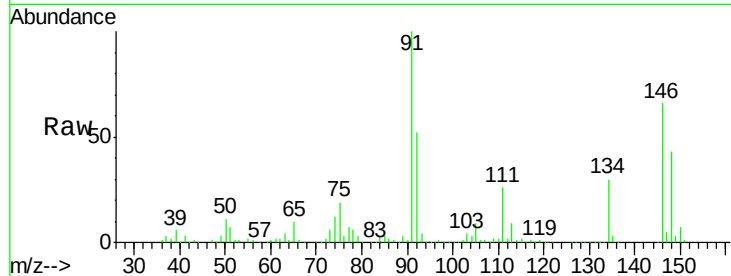
#91
1,2-Dichlorobenzene
Concen: 48.48 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Instrument :
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181045		
111	38.8	19.4	58.2	
148	64.1	32.0	96.2	

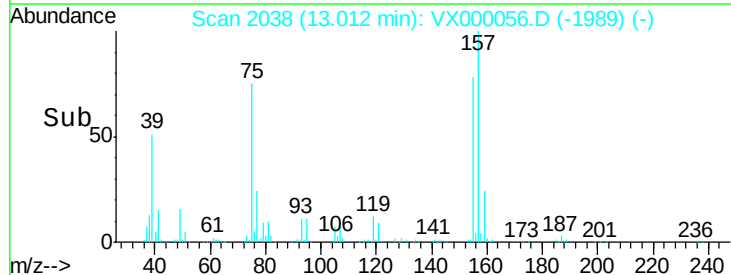
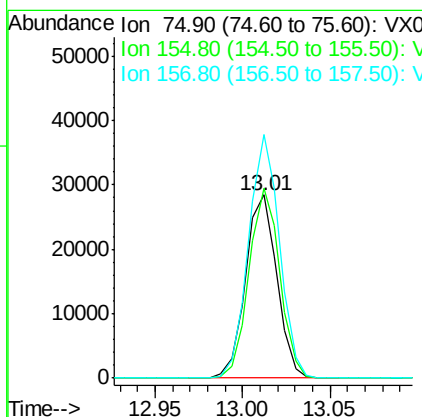
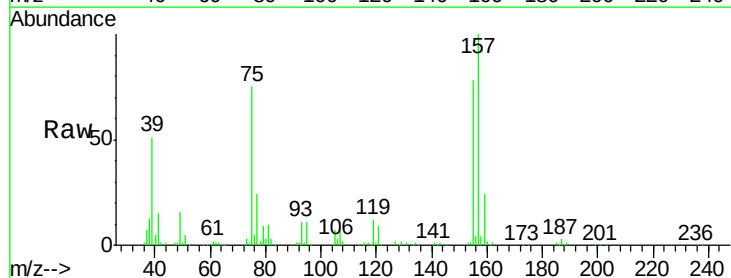
Manual Integrations
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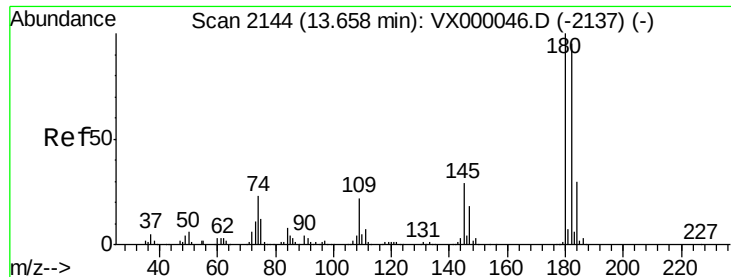
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.44 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000056.D
Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35222		
155	101.9	52.0	156.0	
157	131.4	65.3	195.9	





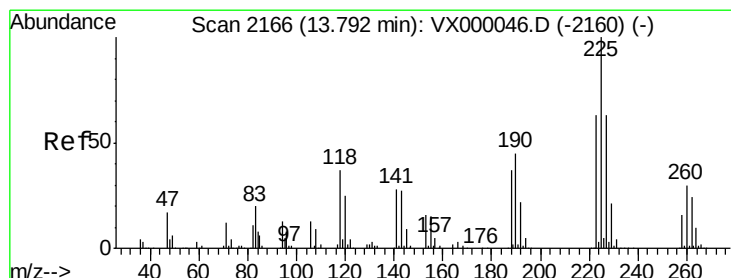
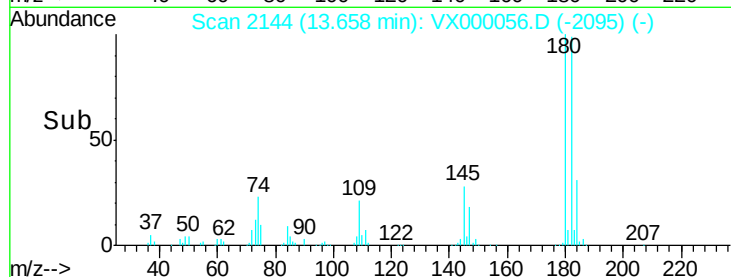
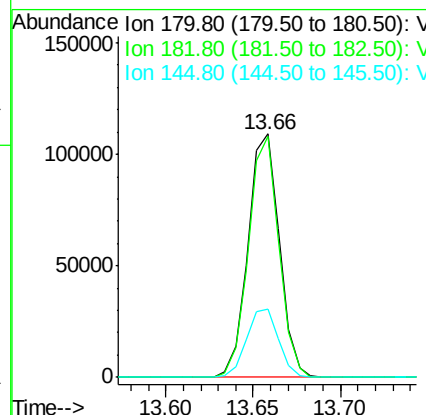
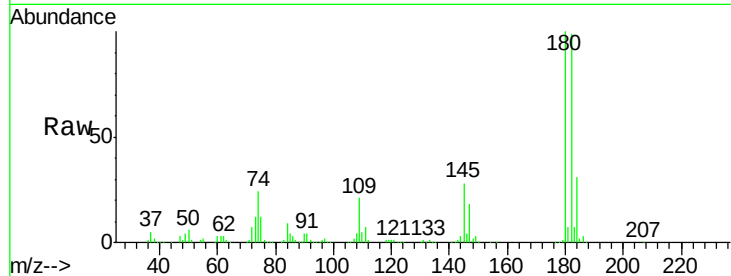
#93
 1,2,4-Trichlorobenzene
 Concen: 47.51 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135716		
182	95.9	48.0	144.0	
145	28.7	14.7	44.1	

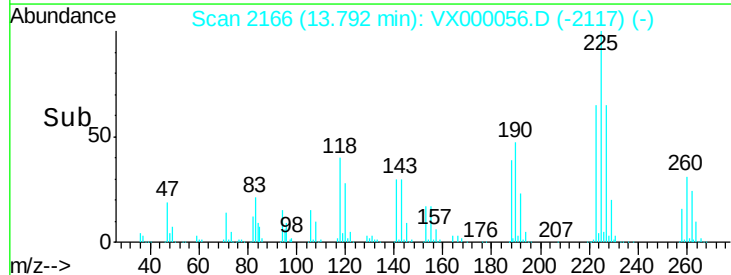
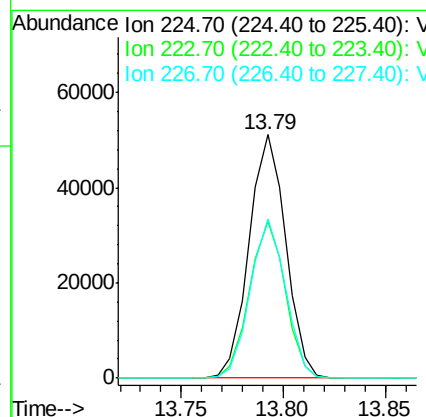
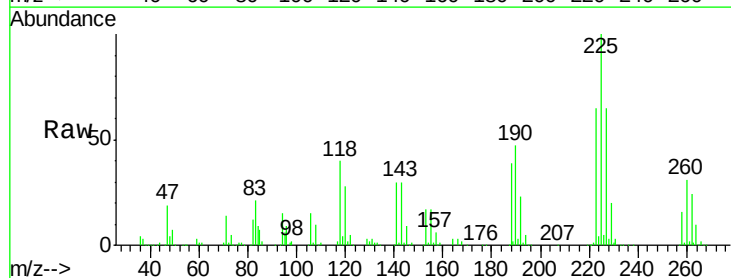
Manual Integrations
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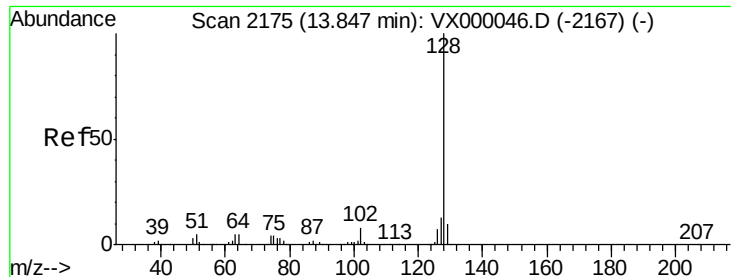
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#94
 Hexachlorobutadiene
 Concen: 47.50 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000056.D
 Acq: 09 Feb 2018 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64004		
223	62.8	31.9	95.5	
227	62.7	31.6	95.0	





#95

Naphthalene

Concen: 49.02 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Instrument :

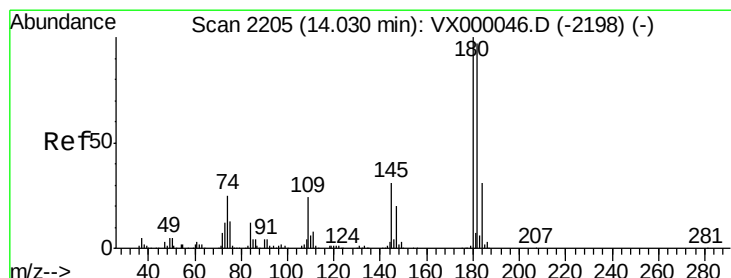
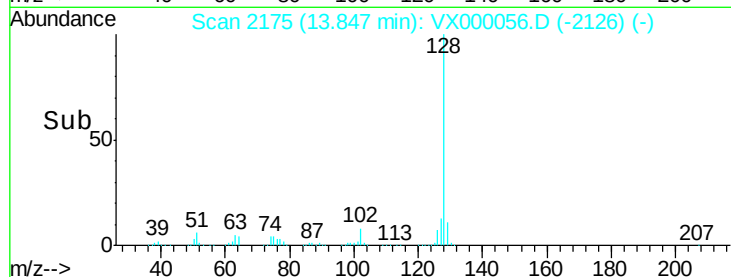
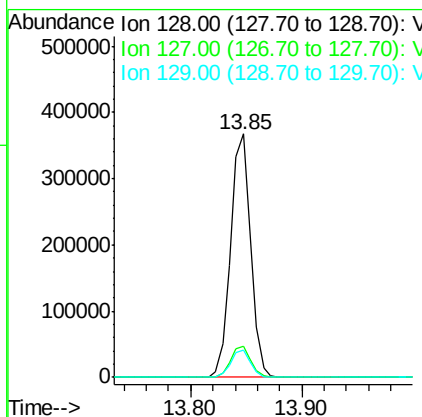
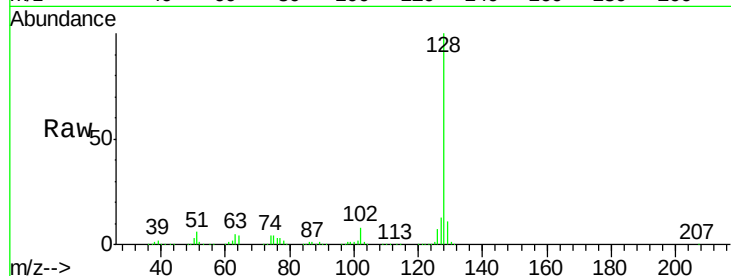
ClientSampled :

VSTDCCC050EC

Tgt Ion:	128	Resp:	455077
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

sam
2/14/2018 5:29:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.17 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000056.D

Acq: 09 Feb 2018 22:05

Tgt Ion:	180	Resp:	133859
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.7
145	30.9	15.7	47.0

