

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000089.D
 Acq On : 14 Feb 2018 16:09
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:33 PM

Quant Time: Feb 15 03:13:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:51:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	78403	55.51	ug/l	0.00
Spiked Amount						
			Recovery	=	111.02%	
35) Dibromofluoromethane	5.52	113	66950	53.53	ug/l	0.00
Spiked Amount						
			Recovery	=	107.06%	
50) Toluene-d8	8.73	98	257194	54.49	ug/l	0.00
Spiked Amount						
			Recovery	=	108.98%	
62) 4-Bromofluorobenzene	11.15	95	101142	53.21	ug/l	0.00
Spiked Amount						
			Recovery	=	106.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65210	53.78	ug/l	100
3) Chloromethane	1.32	50	62018	50.97	ug/l	100
4) Vinyl Chloride	1.40	62	72715	52.82	ug/l	100
5) Bromomethane	1.64	94	59773	73.46	ug/l	100
6) Chloroethane	1.72	64	45159	54.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	125222	52.14	ug/l	100
8) Diethyl Ether	2.20	74	43198	49.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69060	50.94	ug/l	100
10) Methyl Iodide	2.51	142	83331	54.94	ug/l	100
11) Tert butyl alcohol	3.09	59	148944	262.64	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64874	50.61	ug/l	100
13) Acrolein	2.30	56	70013	247.30	ug/l	100
14) Allyl chloride	2.73	41	111861	49.98	ug/l	100
15) Acrylonitrile	3.16	53	254444	260.97	ug/l	100
16) Acetone	2.45	43	245594	286.99	ug/l	100
17) Carbon Disulfide	2.57	76	183549	49.47	ug/l	100
18) Methyl Acetate	2.79	43	116607	55.48	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	226861	51.64	ug/l	100
20) Methylene Chloride	2.86	84	69439	50.76	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	70744	51.16	ug/l	100
22) Diisopropyl ether	3.89	45	187197	50.58	ug/l	100
23) Vinyl Acetate	3.84	43	871194	260.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	100112	44.76	ug/l	100
25) 2-Butanone	4.72	43	346252	273.59	ug/l	100
26) 2,2-Dichloropropane	4.59	77	99370	50.64	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	67967	50.48	ug/l	100
28) Bromochloromethane	5.03	49	50446	62.86	ug/l	100
29) Tetrahydrofuran	5.18	42	227377	264.59	ug/l	100
30) Chloroform	5.23	83	119646	51.71	ug/l	100
31) Cyclohexane	5.59	56	94677	50.34	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	112333	51.58	ug/l	100
36) 1,1-Dichloropropene	5.81	75	90600	48.87	ug/l	100
37) Ethyl Acetate	4.88	43	121065	50.07	ug/l	100
38) Carbon Tetrachloride	5.80	117	101999	49.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109764	48.90	ug/l	100
40) Benzene	6.15	78	261761	50.02	ug/l	100
41) Methacrylonitrile	5.07	41	62340	50.23	ug/l	100
42) 1,2-Dichloroethane	6.21	62	96134	51.17	ug/l	100
43) Isopropyl Acetate	6.48	43	181194	49.94	ug/l	100
44) Trichloroethene	7.23	130	77510	48.25	ug/l	100
45) 1,2-Dichloropropane	7.53	63	65149	51.08	ug/l	100
46) Dibromomethane	7.67	93	51147	51.89	ug/l	100
47) Bromodichloromethane	7.91	83	96709	50.63	ug/l	100
48) Methyl methacrylate	7.79	41	89135	50.04	ug/l	100
49) 1,4-Dioxane	7.78	88	47783	1005.77	ug/l	100
51) 4-Methyl-2-Pentanone	8.67	43	670517	263.64	ug/l	100
52) Toluene	8.79	92	180032	51.13	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	111979	50.23	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	114856	52.84	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	73818	50.05	ug/l	100
56) Ethyl methacrylate	9.20	69	116963	51.73	ug/l	100
57) 1,3-Dichloropropane	9.38	76	117974	51.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	284062	253.78	ug/l	100
59) 2-Hexanone	9.51	43	570770	274.04	ug/l	100
60) Dibromochloromethane	9.59	129	88234	52.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82495	51.00	ug/l	100
64) Tetrachloroethene	9.34	164	75568	48.97	ug/l	100
65) Chlorobenzene	10.15	112	214303	49.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	79041	50.89	ug/l	100
67) Ethyl Benzene	10.26	91	358940	49.99	ug/l	100
68) m/p-Xylenes	10.37	106	286204	100.12	ug/l	100
69) o-Xylene	10.71	106	139799	50.66	ug/l	100
70) Styrene	10.72	104	233934	50.30	ug/l	100
71) Bromoform	10.87	173	74117	50.93	ug/l #	100
73) Isopropylbenzene	11.03	105	371990	48.61	ug/l	100
74) N-amyl acetate	6.48	43	181194	47.08	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	128606	49.32	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116434m	50.87	ug/l	
77) Bromobenzene	11.26	156	101860	49.11	ug/l	100
78) n-propylbenzene	11.37	91	433976	48.79	ug/l	100
79) 2-Chlorotoluene	11.43	91	251519	49.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	319753	49.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	45170	49.49	ug/l	100
82) 4-Chlorotoluene	11.52	91	298996	48.71	ug/l	100
83) tert-Butylbenzene	11.78	119	315037	48.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	328922	49.95	ug/l	100
85) sec-Butylbenzene	11.96	105	390674	48.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	355751	49.49	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	192629	49.19	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	197690	49.28	ug/l	100
89) n-Butylbenzene	12.40	91	323191	48.27	ug/l	100
90) Hexachloroethane	12.60	117	60333	48.30	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	190073	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37534	49.77	ug/l	100

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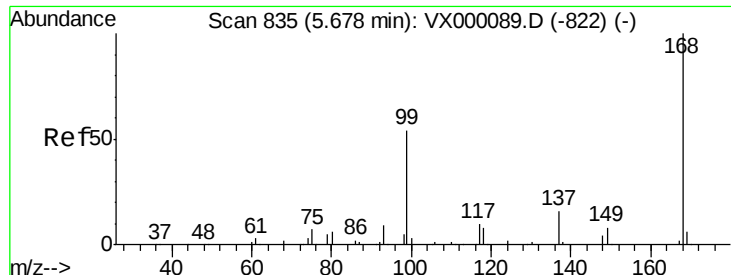
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142206	48.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	62551	46.00	ug/l	100
95) Naphthalene	13.84	128	493138	51.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	141498	49.53	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: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 130356

Ion Ratio Lower Upper

168 100

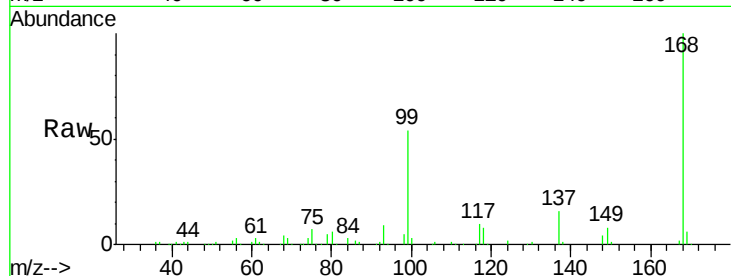
99 53.9 43.1 64.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

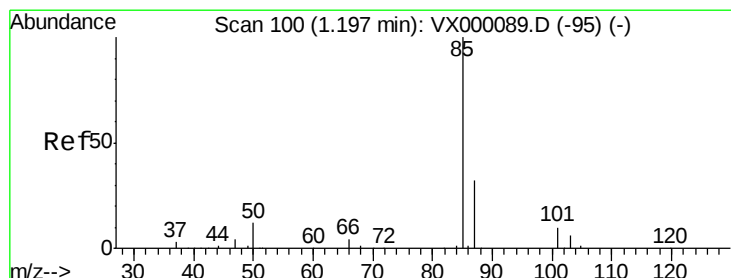
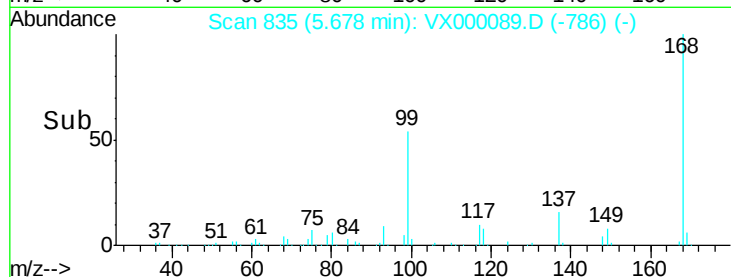
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000089.D

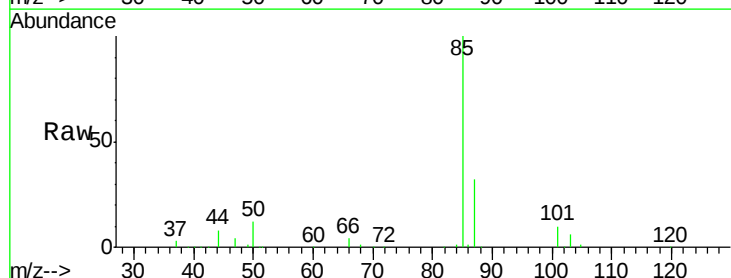
Acq: 14 Feb 2018 16:09

Tgt Ion: 85 Resp: 65210

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

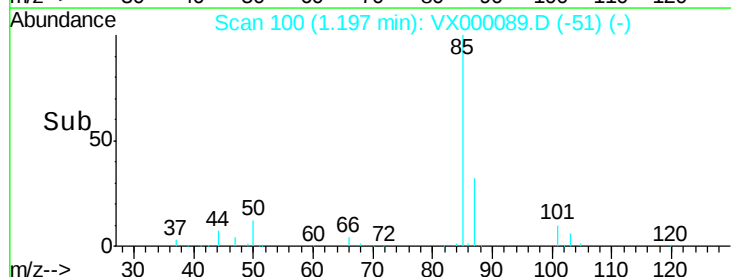
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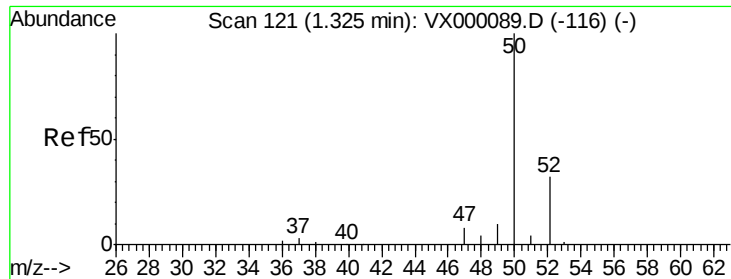
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 62018

Ion Ratio Lower Upper

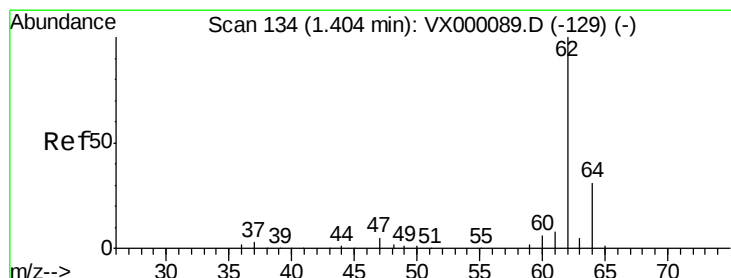
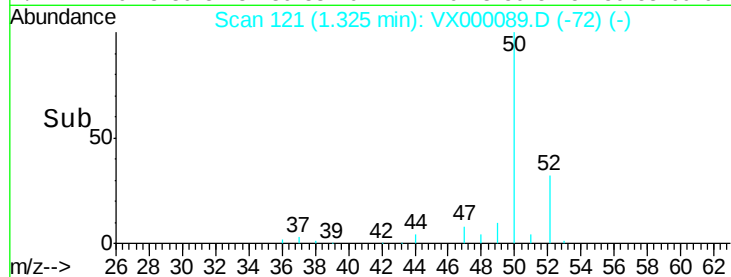
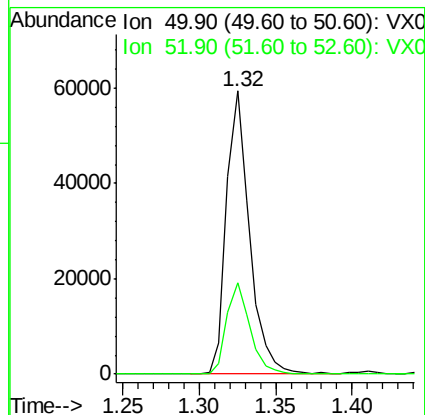
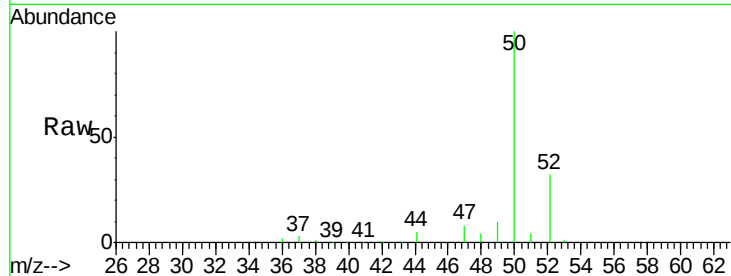
50 100

52 32.4 25.9 38.9

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#4

Vinyl Chloride

Concen: 52.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000089.D

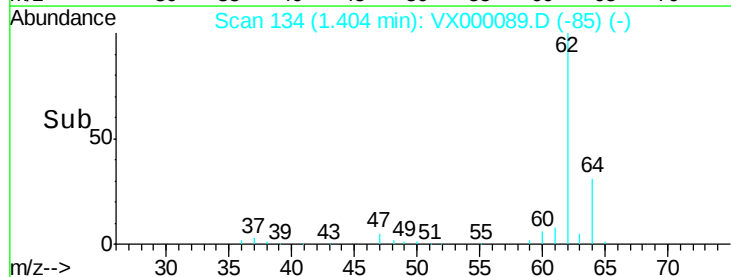
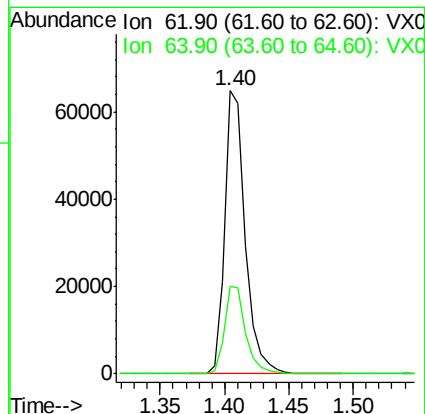
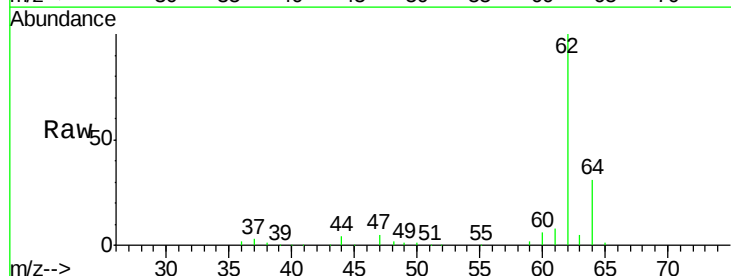
Acq: 14 Feb 2018 16:09

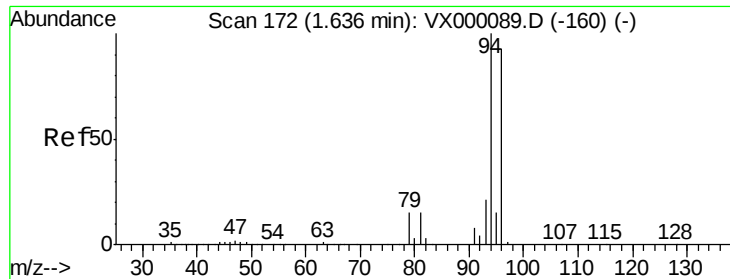
Tgt Ion: 62 Resp: 72715

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 73.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 59773

Ion Ratio Lower Upper

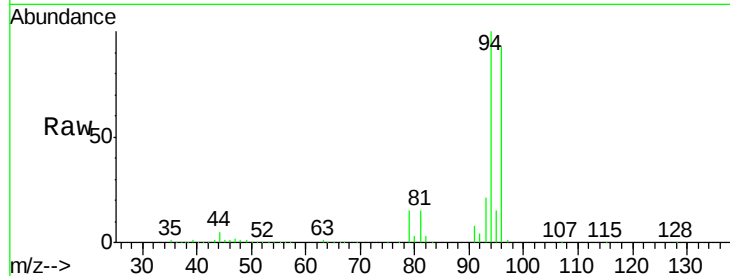
94 100

96 93.3 74.6 112.0

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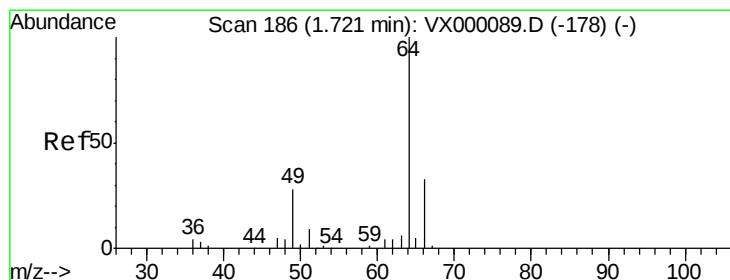
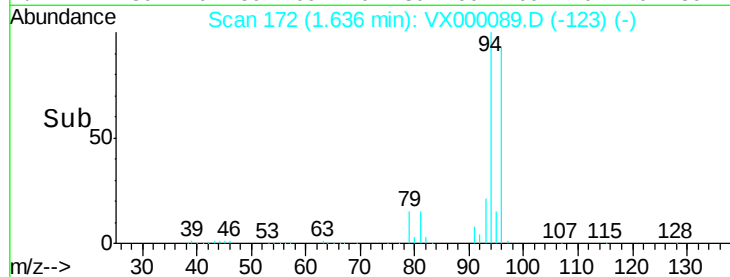
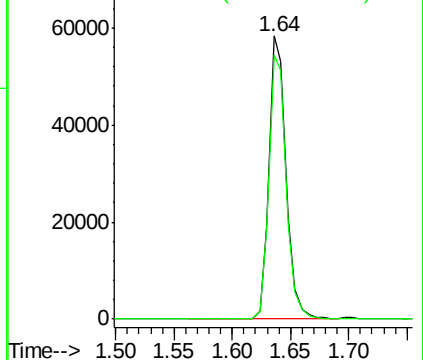
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000089.D

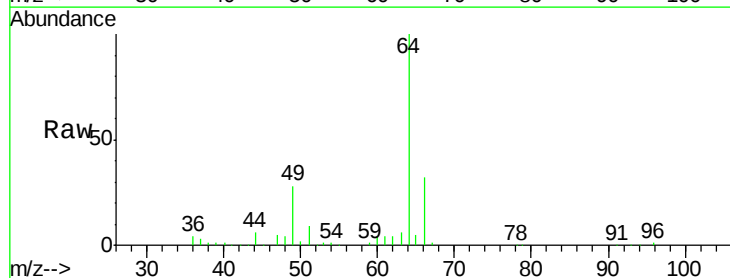
Acq: 14 Feb 2018 16:09

Tgt Ion: 64 Resp: 45159

Ion Ratio Lower Upper

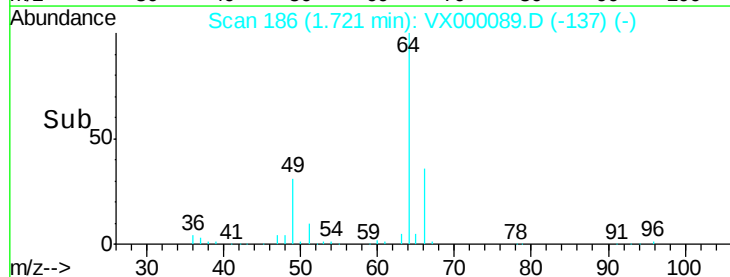
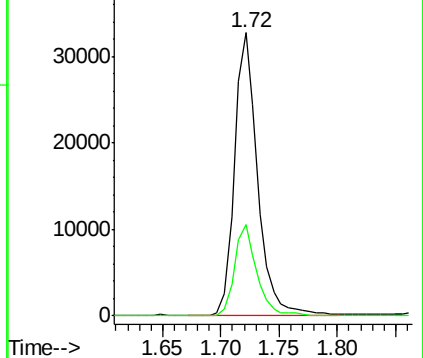
64 100

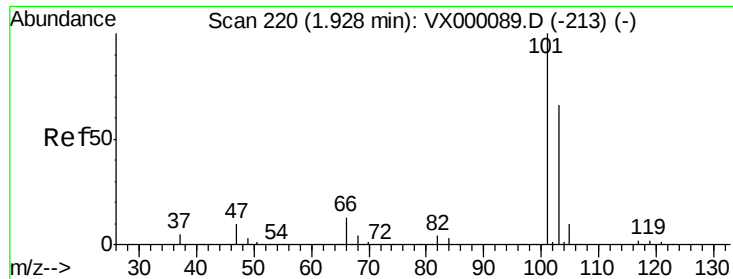
66 32.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

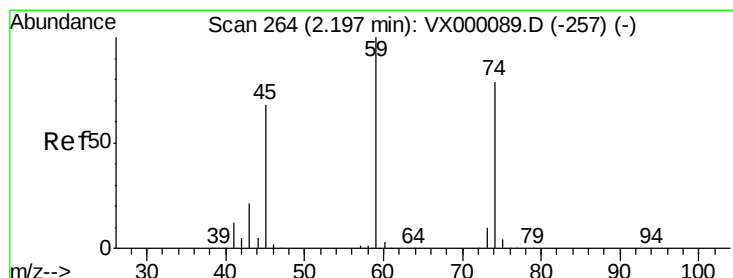
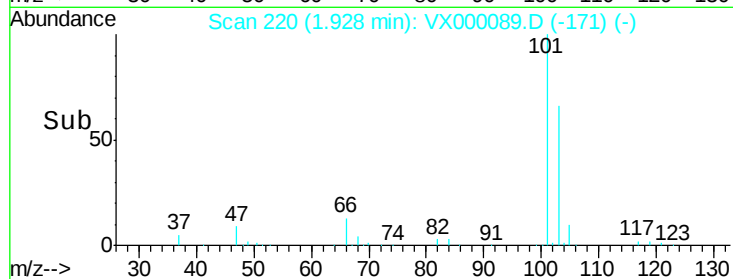
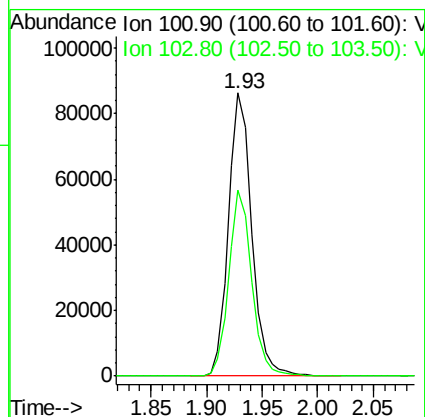
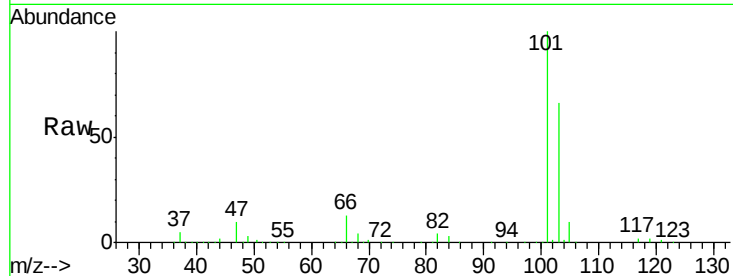
Trichlorofluoromethane
Concen: 52.14 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 125222
Ion Ratio Lower Upper
101 100
103 65.9 52.7 79.1

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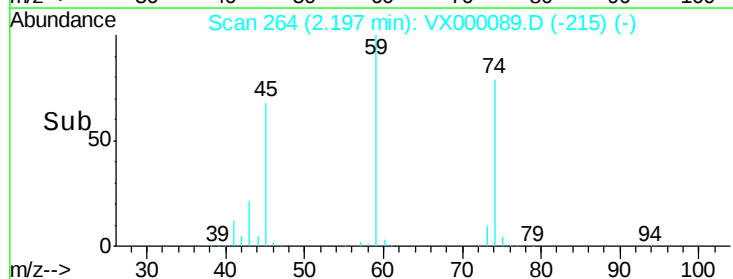
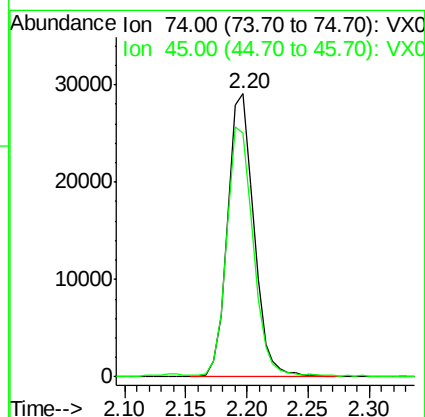
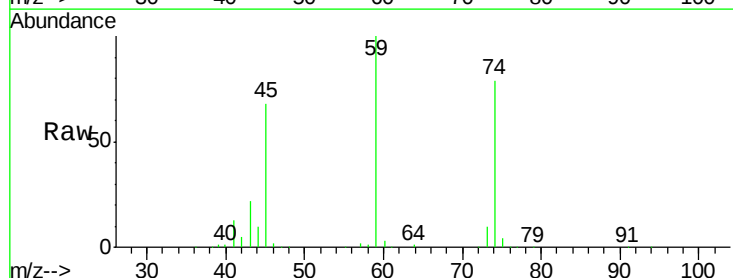
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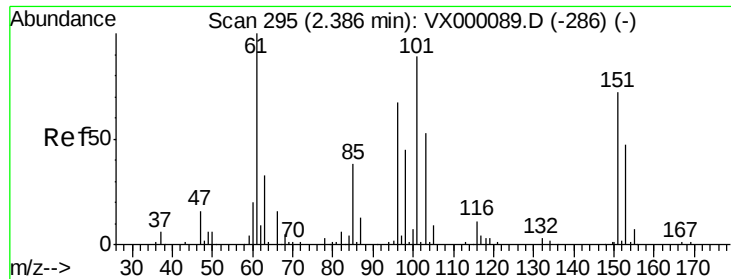


#8

Diethyl Ether
Concen: 49.92 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion: 74 Resp: 43198
Ion Ratio Lower Upper
74 100
45 89.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.94 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

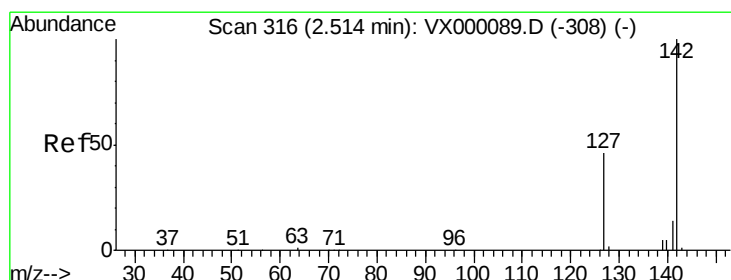
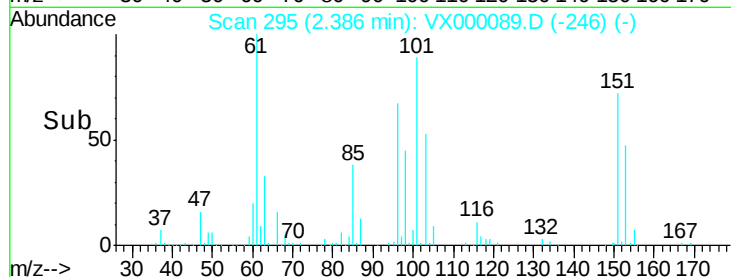
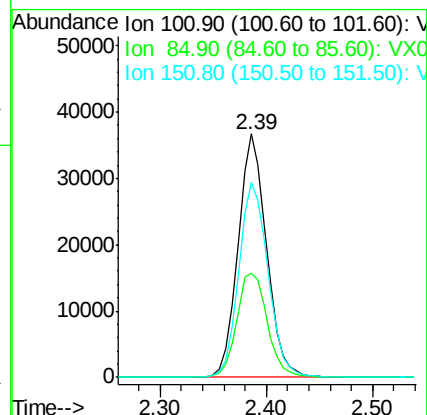
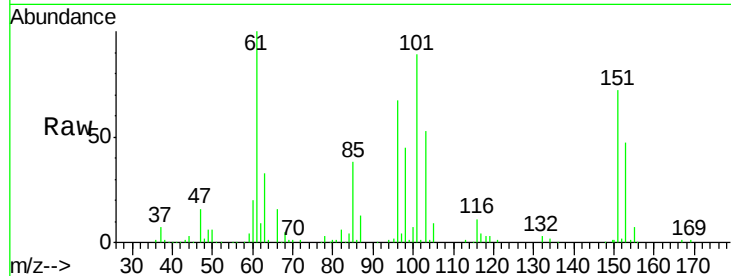
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	69060
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.7	55.1
151	82.2	65.8	98.6

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#10

Methyl Iodide

Concen: 54.94 ug/l

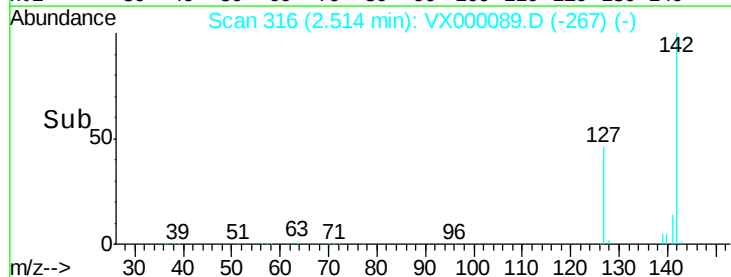
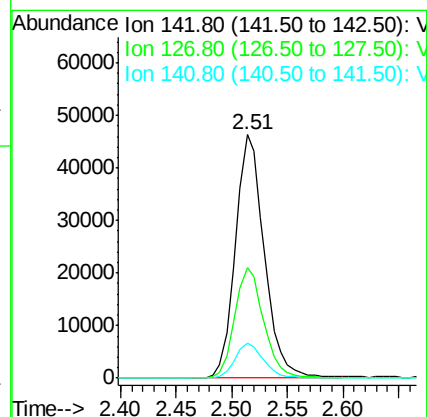
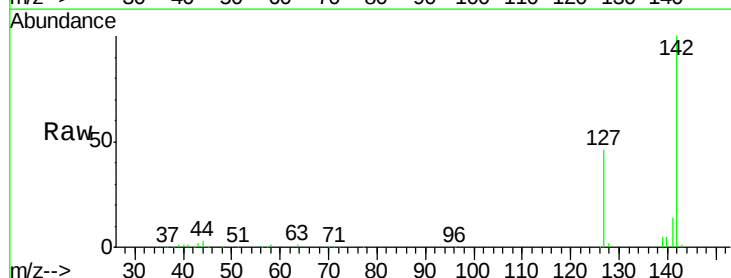
RT: 2.51 min Scan# 316

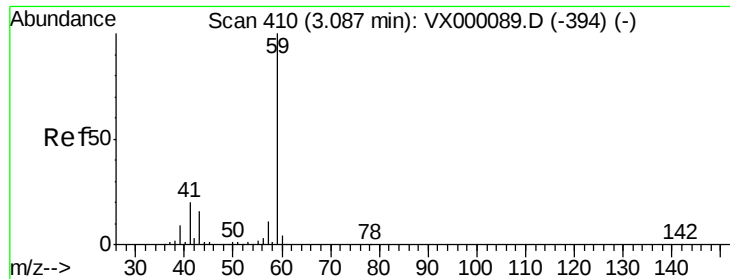
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	142	Resp:	83331
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.8	55.2
141	14.5	11.6	17.4





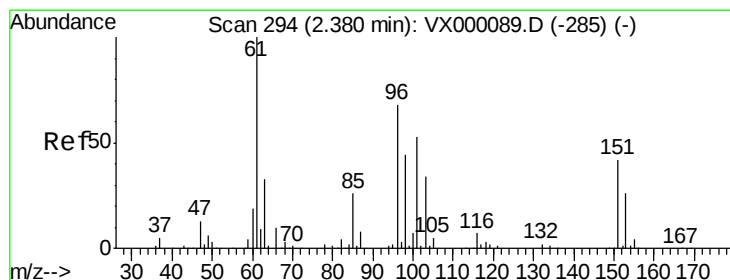
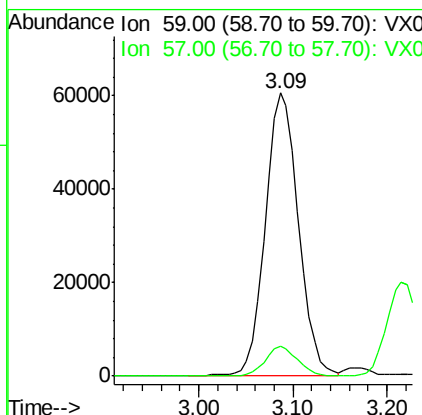
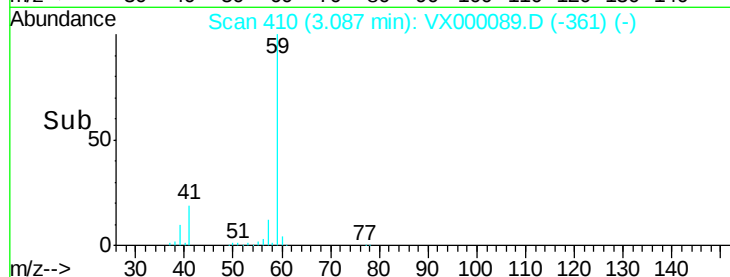
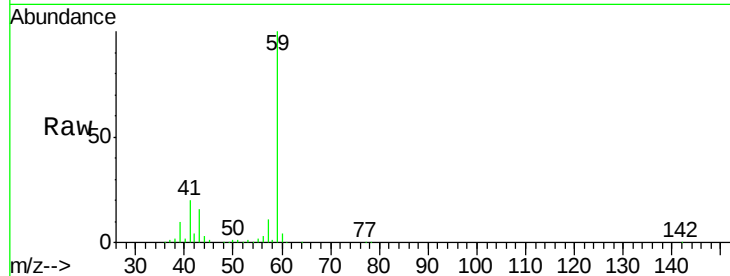
#11
Tert butyl alcohol
Concen: 262.64 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion: 59 Resp: 148944
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

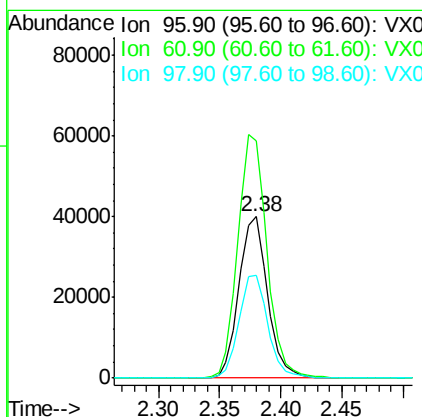
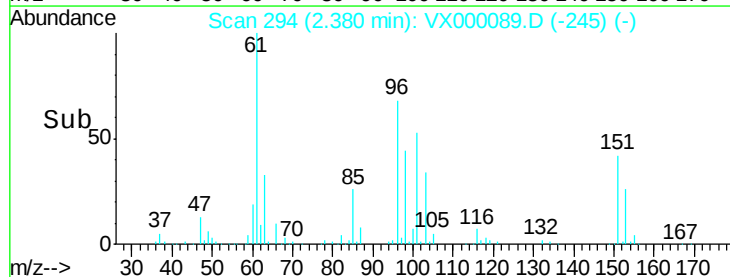
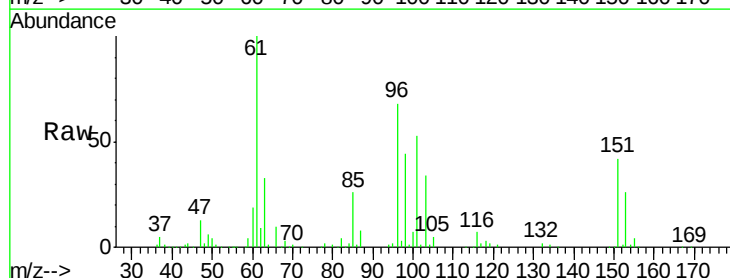
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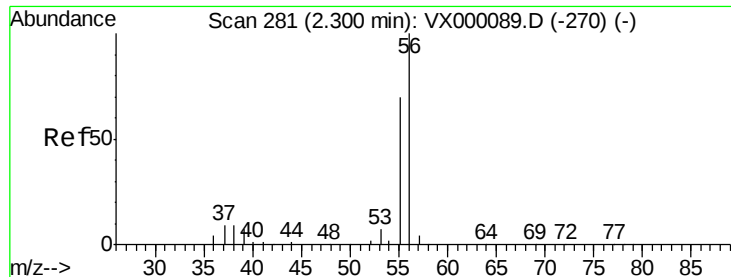
sam
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#12
1,1-Dichloroethene
Concen: 50.61 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion: 96 Resp: 64874
Ion Ratio Lower Upper
96 100
61 147.1 117.7 176.5
98 64.1 51.3 76.9





#13

Acrolein

Concen: 247.30 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion: 56 Resp: 70013

Ion Ratio Lower Upper

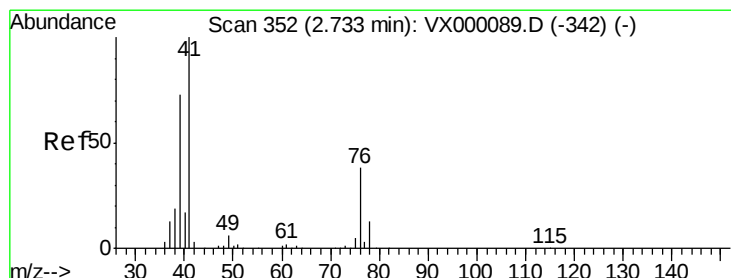
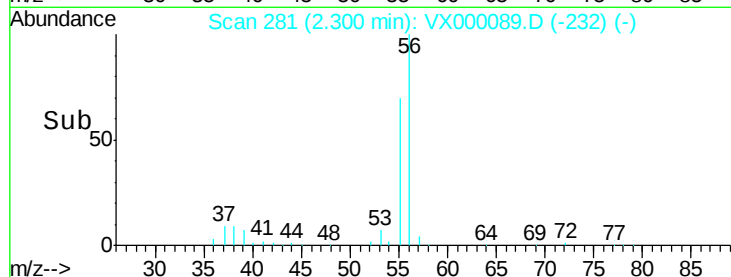
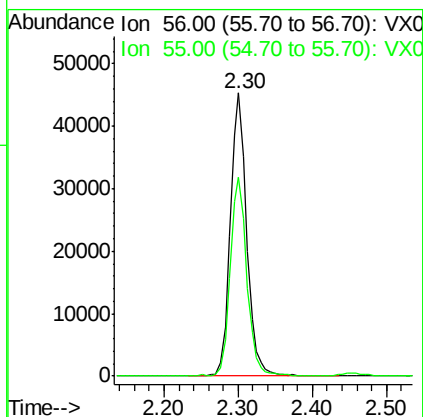
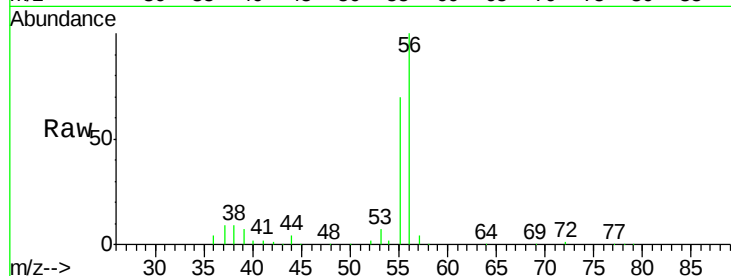
56 100

55 70.3 56.2 84.4

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#14

Allyl chloride

Concen: 49.98 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

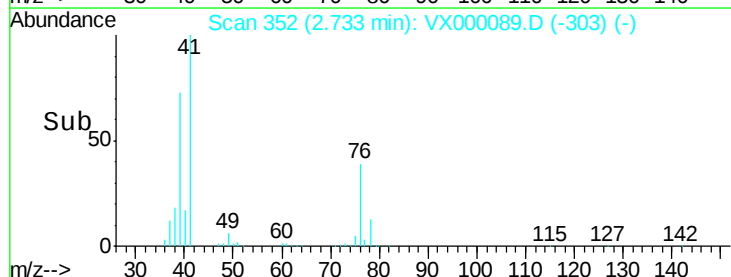
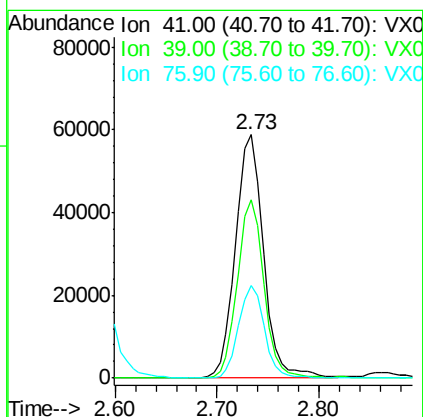
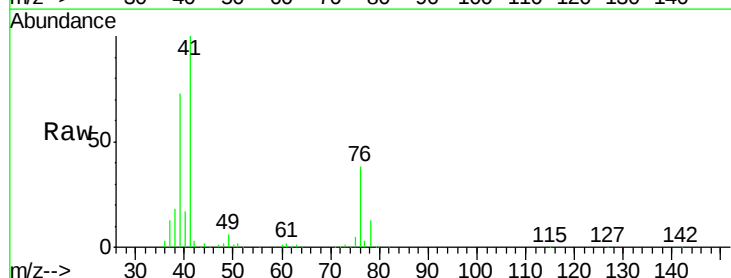
Tgt Ion: 41 Resp: 111861

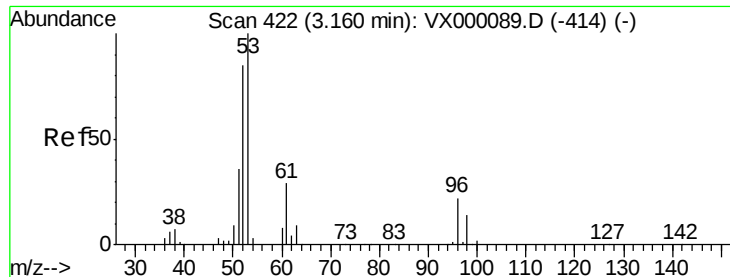
Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

76 35.6 28.5 42.7





#15

Acrylonitrile

Concen: 260.97 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

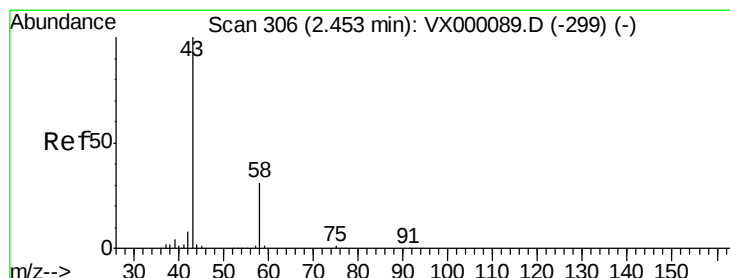
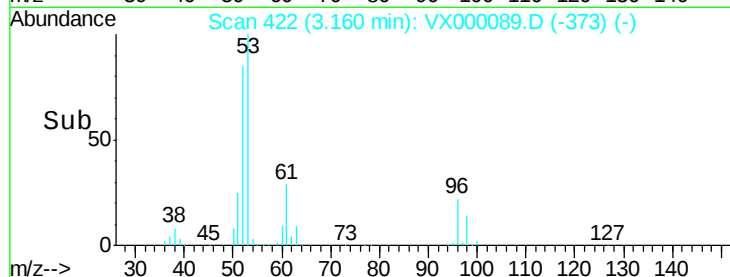
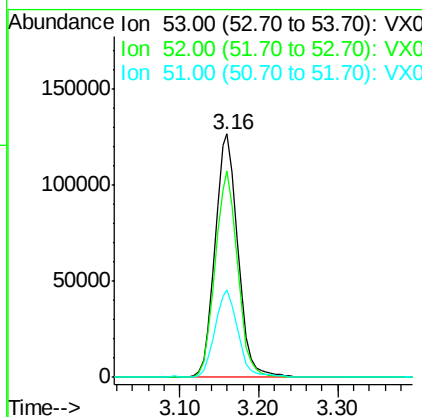
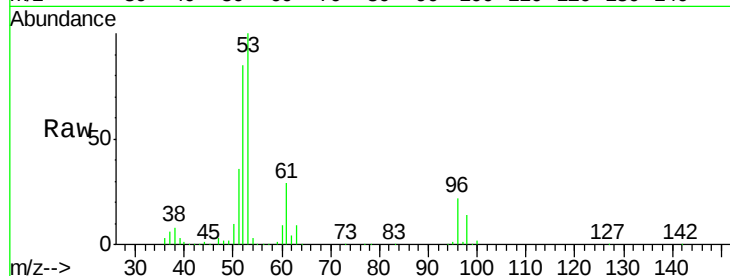
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	254444
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	36.3	29.0	43.6

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#16

Acetone

Concen: 286.99 ug/l

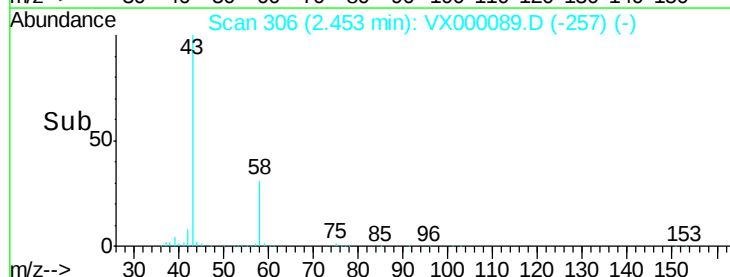
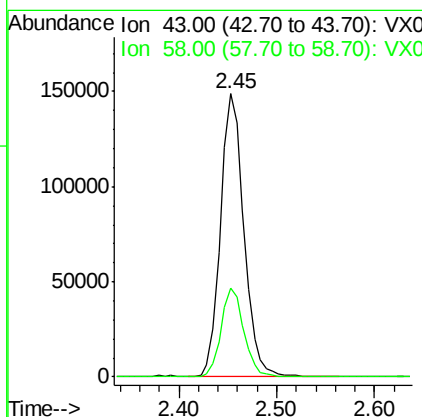
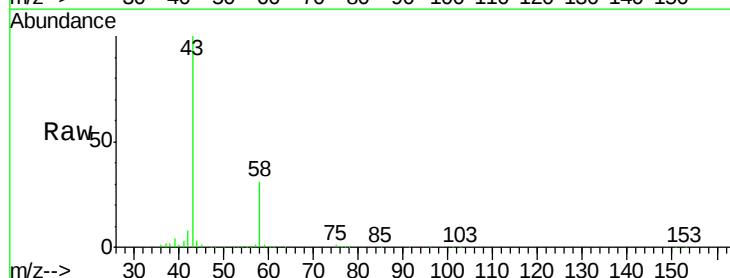
RT: 2.45 min Scan# 306

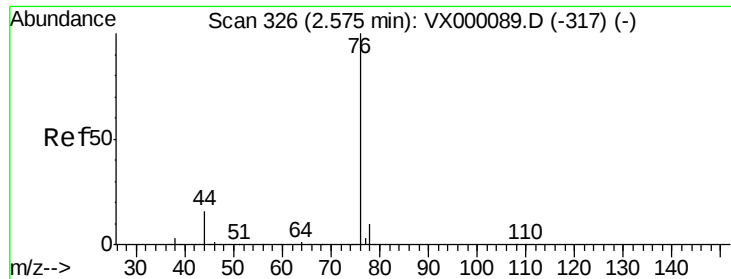
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	43	Resp:	245594
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.0	37.4





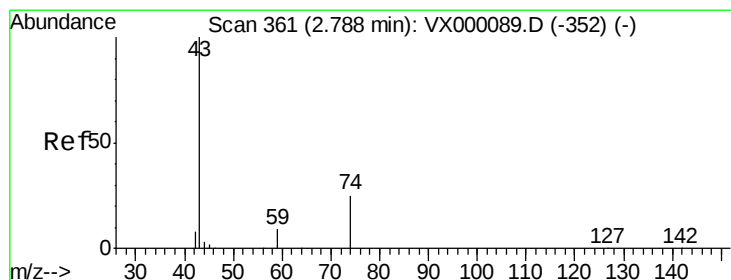
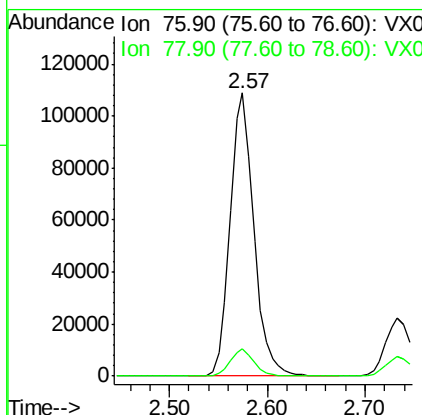
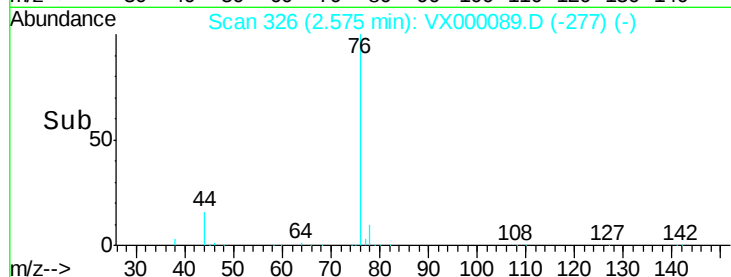
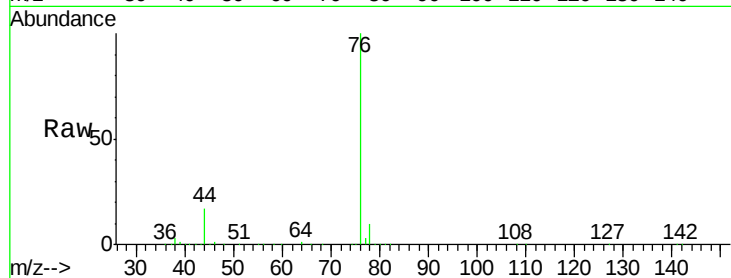
#17
Carbon Disulfide
Concen: 49.47 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.8	11.8

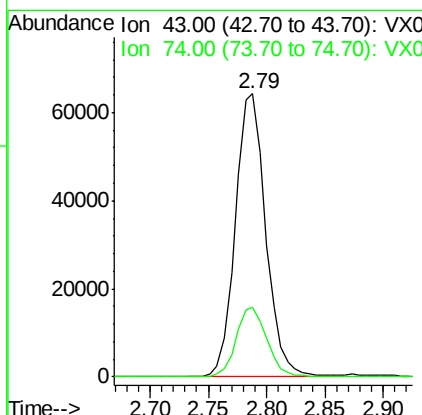
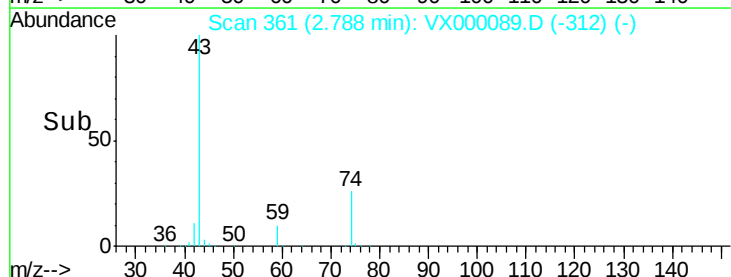
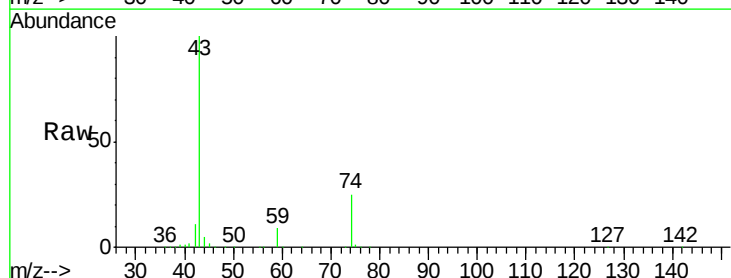
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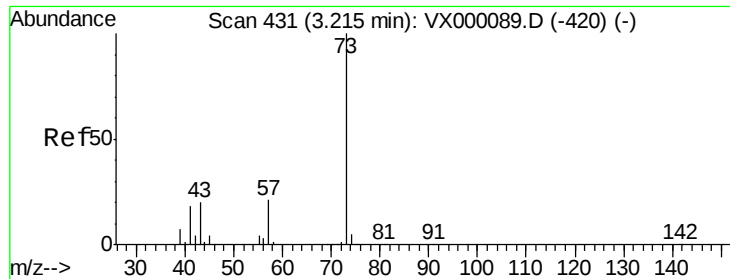
sam
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#18
Methyl Acetate
Concen: 55.48 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.2	30.4





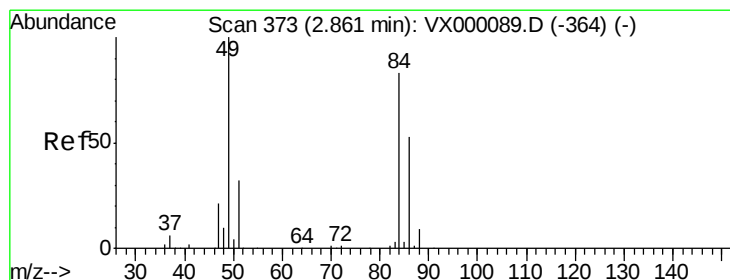
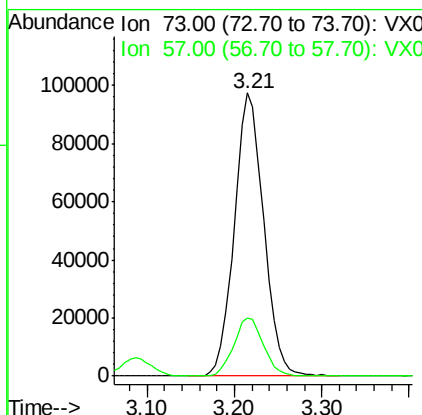
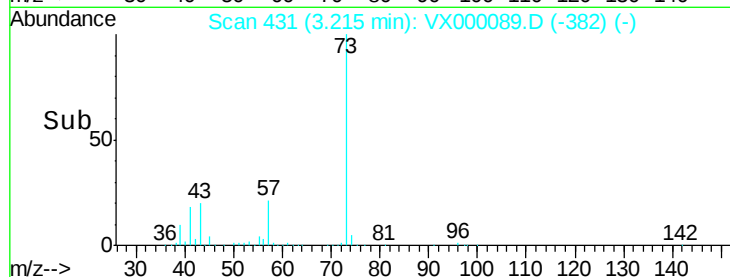
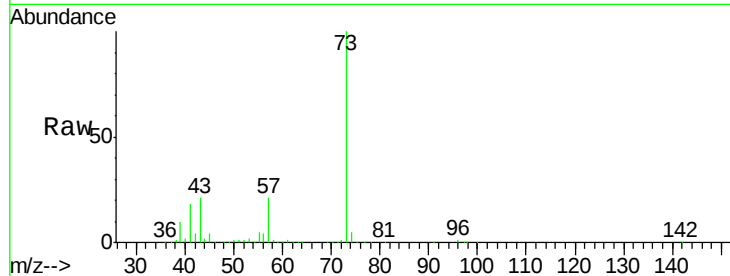
#19
Methyl tert-butyl Ether
Concen: 51.64 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 226861
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

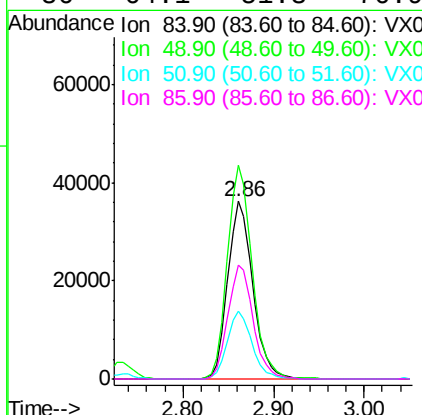
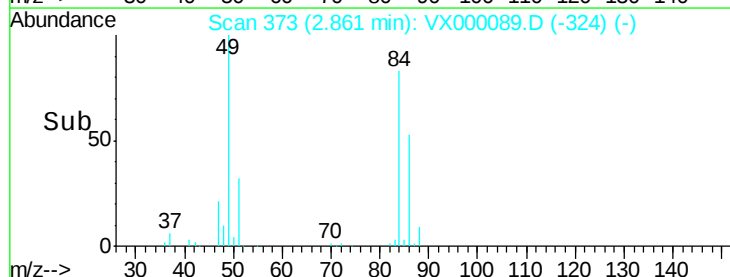
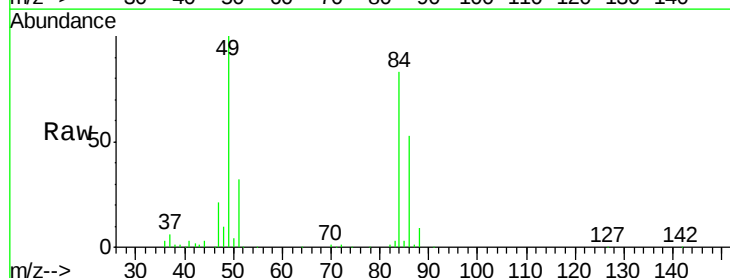
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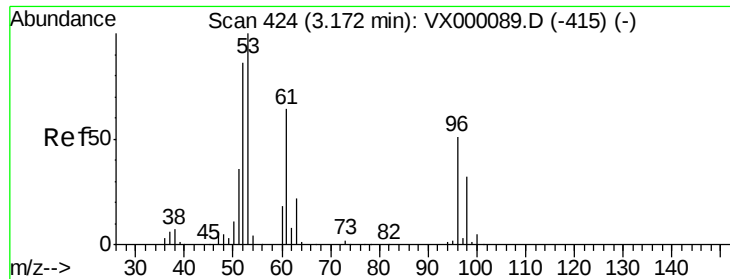
sam
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#20
Methylene Chloride
Concen: 50.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion: 84 Resp: 69439
Ion Ratio Lower Upper
84 100
49 120.1 96.1 144.1
51 38.1 30.5 45.7
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.16 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000089.D

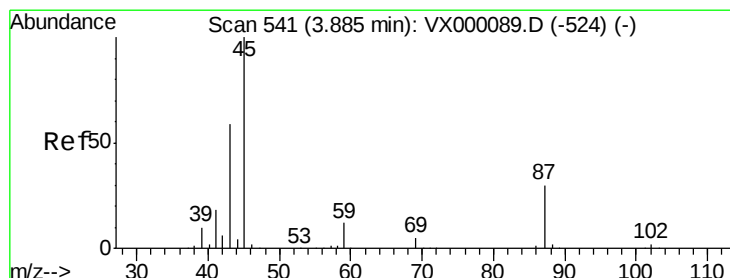
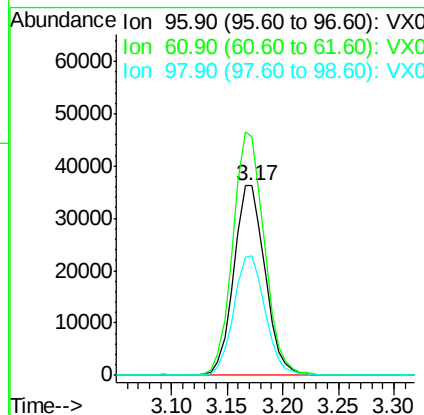
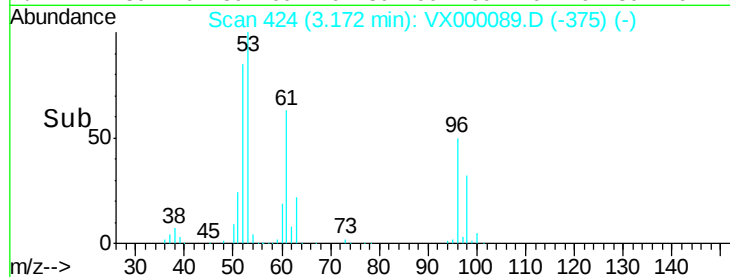
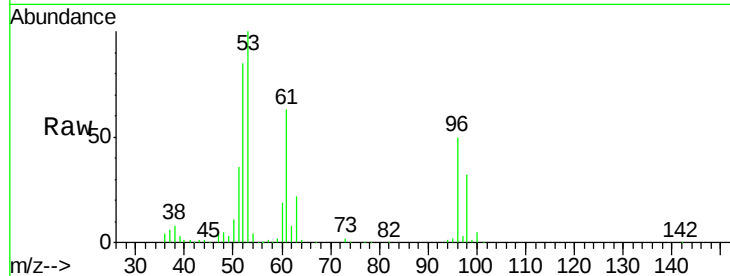
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	125.4	100.3	150.5	
98	63.2	50.6	75.8	

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#22

Diisopropyl ether

Concen: 50.58 ug/l

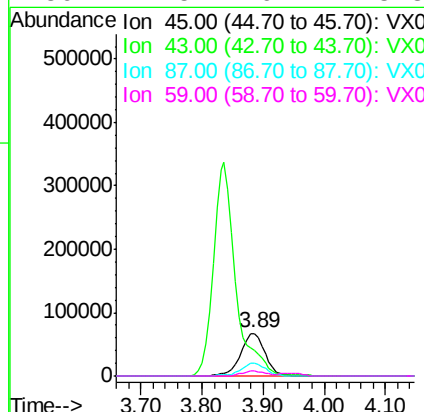
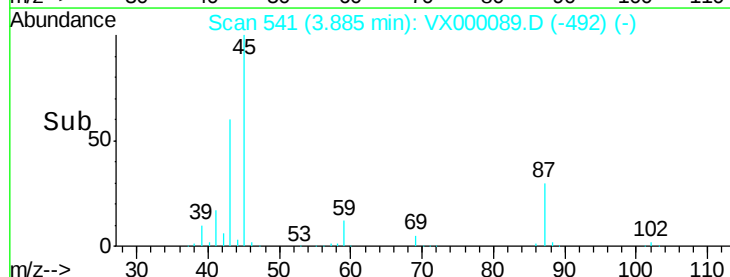
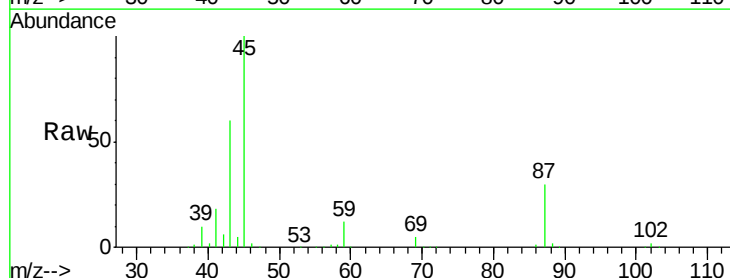
RT: 3.89 min Scan# 541

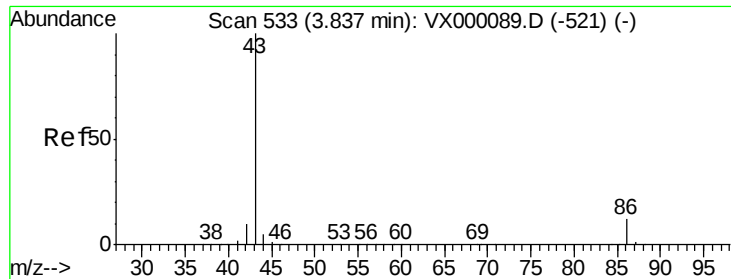
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	59.3	47.4	71.2	
87	30.2	24.2	36.2	
59	11.5	9.2	13.8	





#23

Vinyl Acetate

Concen: 260.05 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 871194

Ion Ratio Lower Upper

43 100

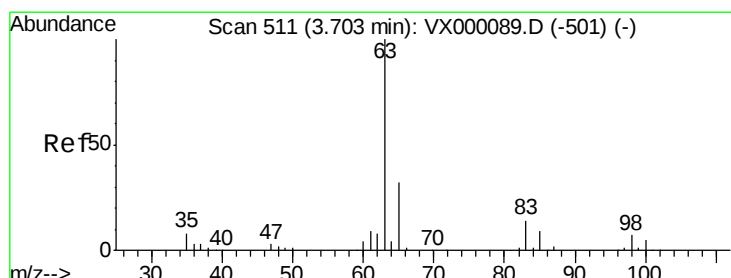
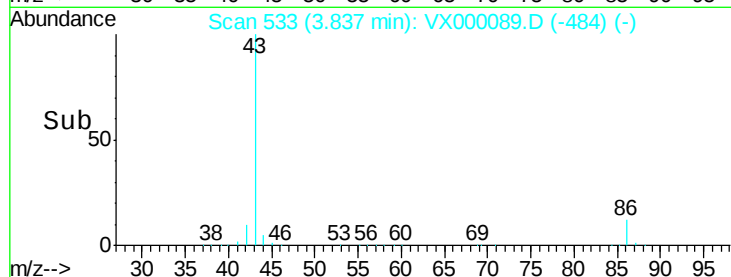
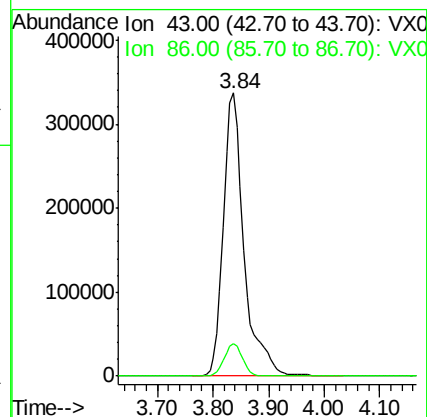
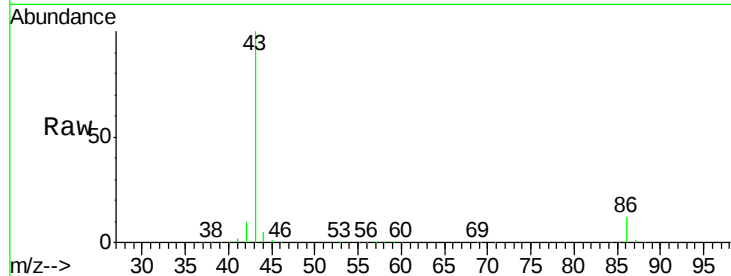
86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 44.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

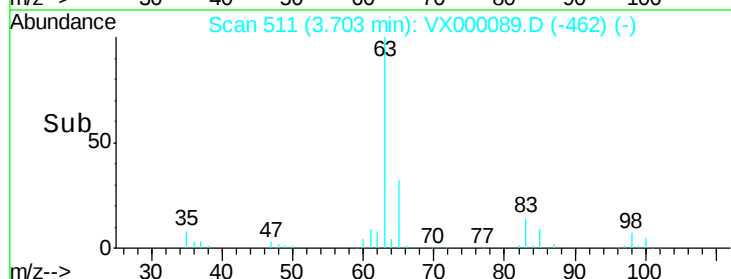
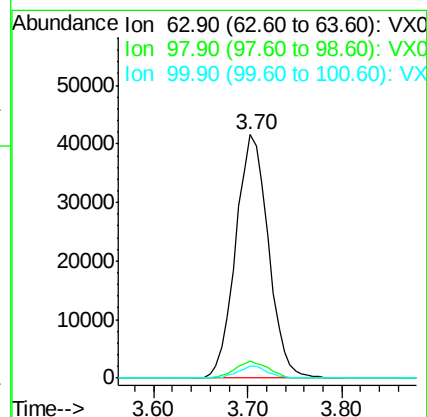
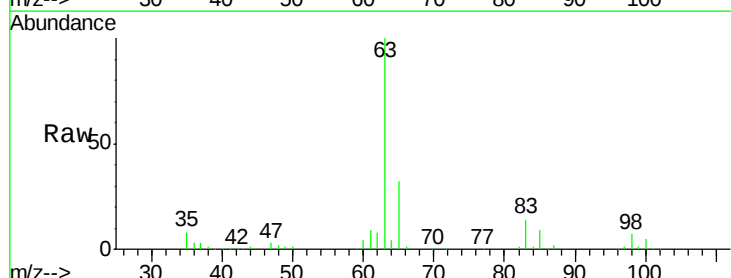
Tgt Ion: 63 Resp: 100112

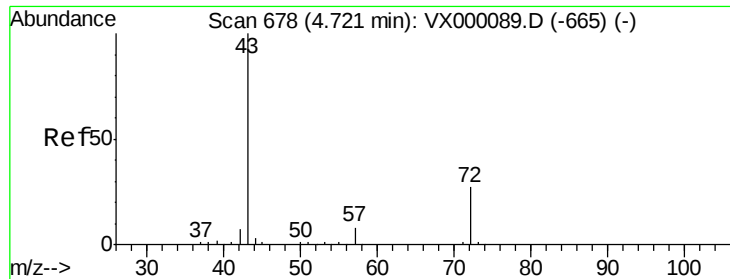
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 273.59 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 346252

Ion Ratio Lower Upper

43 100

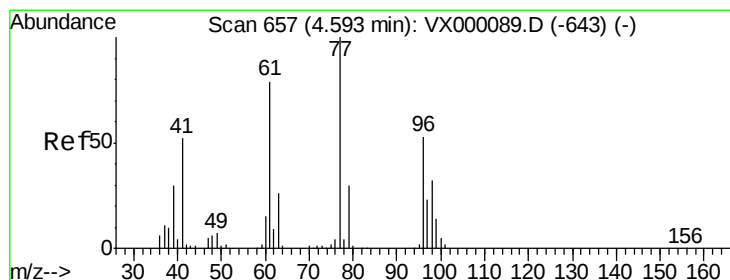
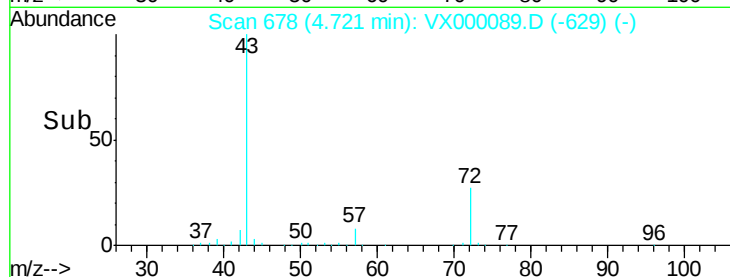
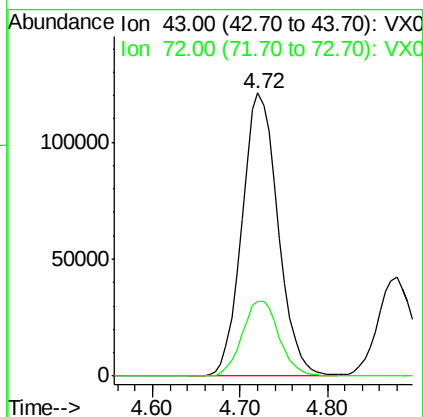
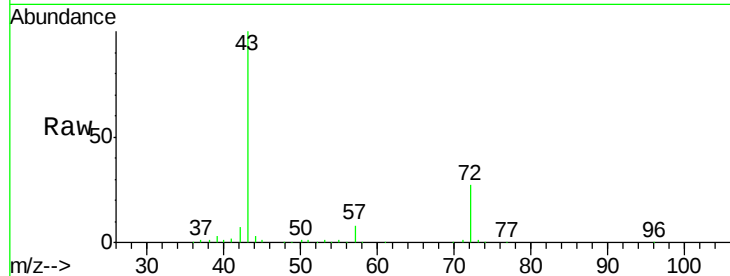
72 26.6 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 50.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000089.D

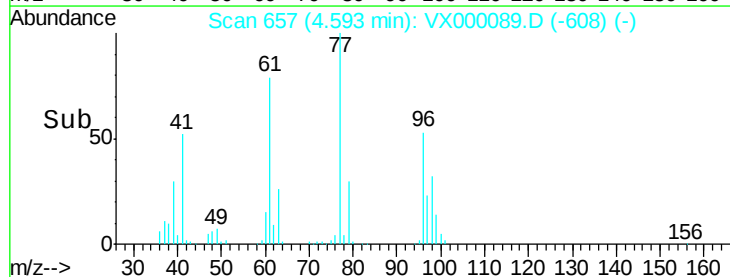
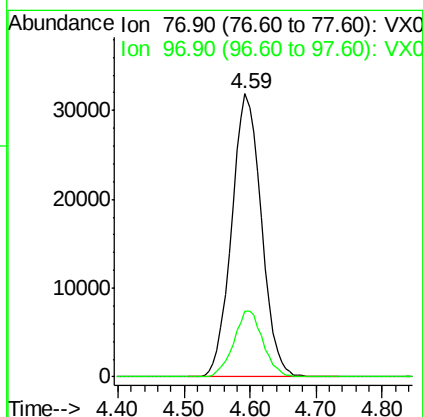
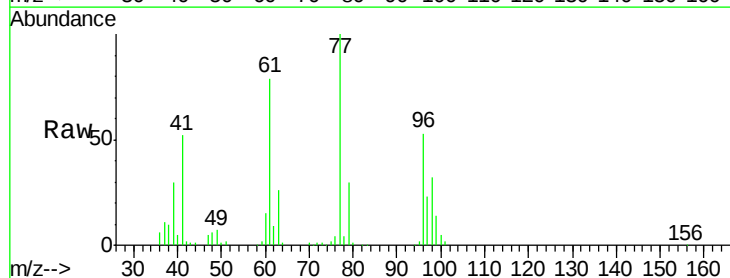
Acq: 14 Feb 2018 16:09

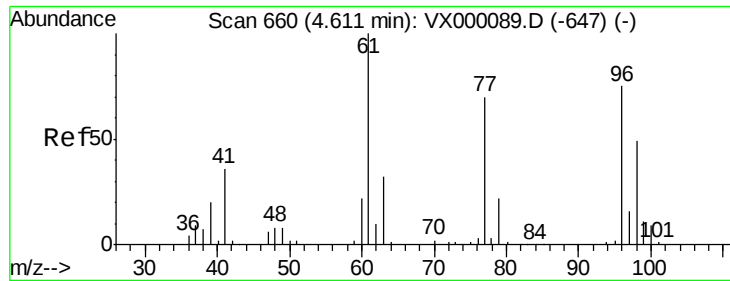
Tgt Ion: 77 Resp: 99370

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

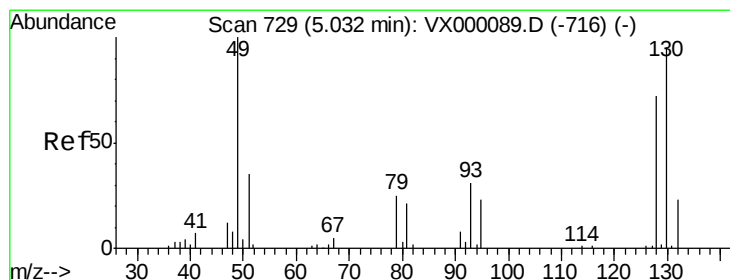
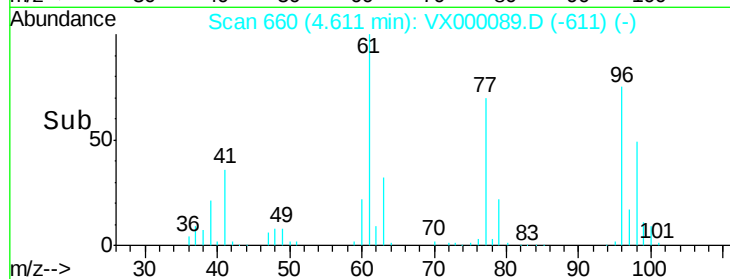
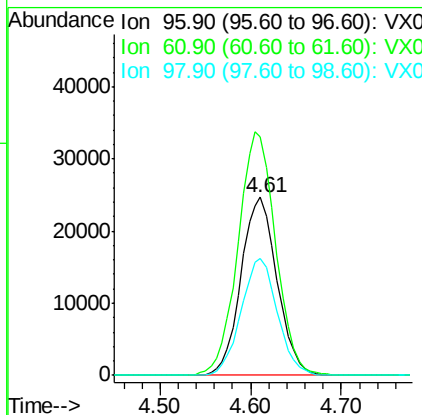
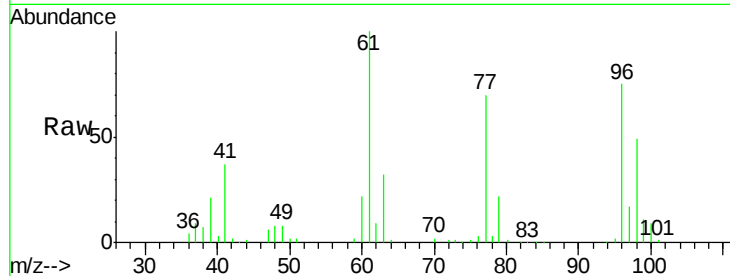
cis-1,2-Dichloroethene
Concen: 50.48 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	285.6
98	65.9	0.0	131.8

Manual Integrations
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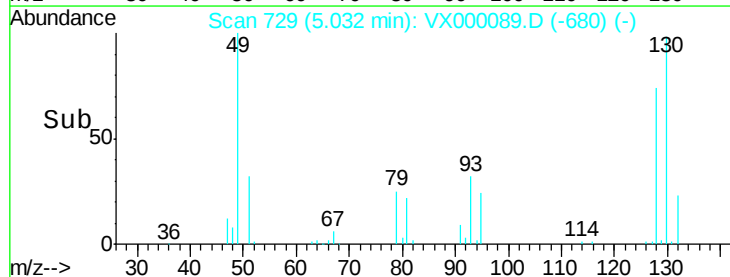
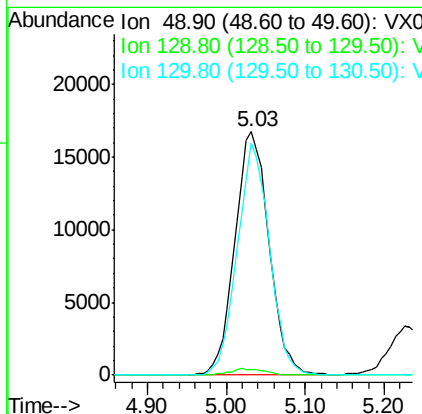
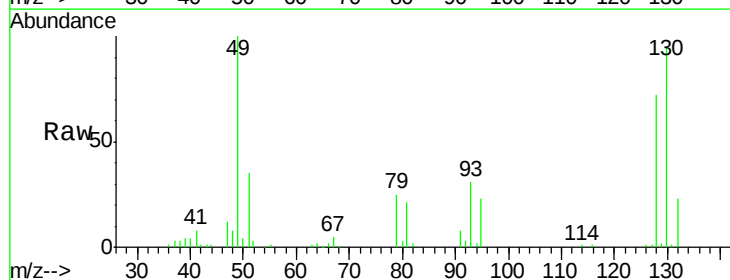
sam
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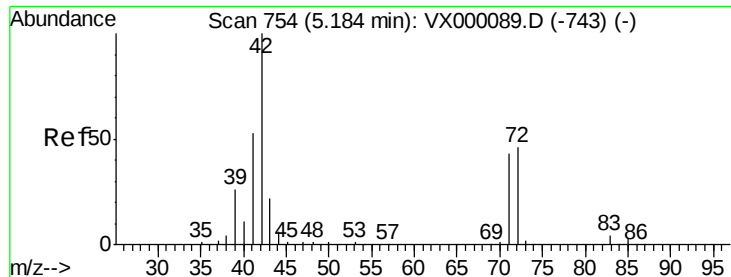


#28

Bromochloromethane
Concen: 62.86 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	89.9	71.9	107.9





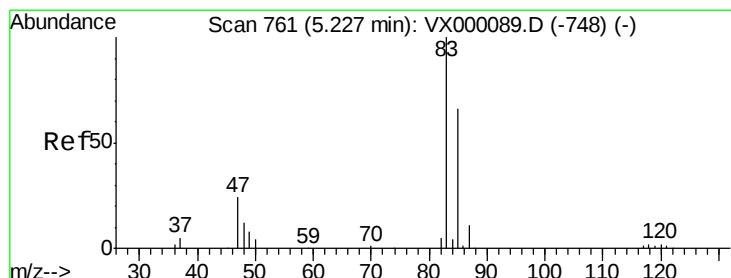
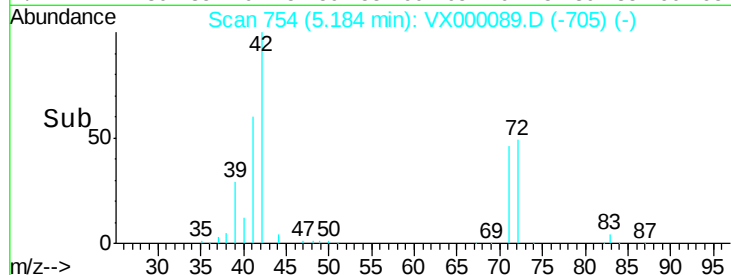
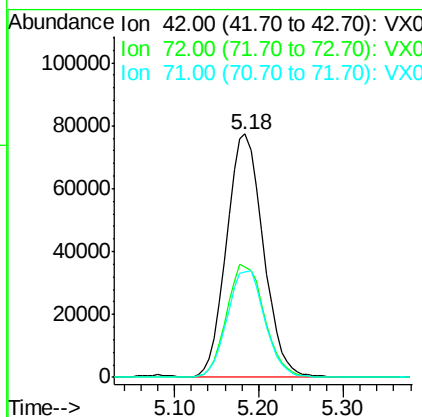
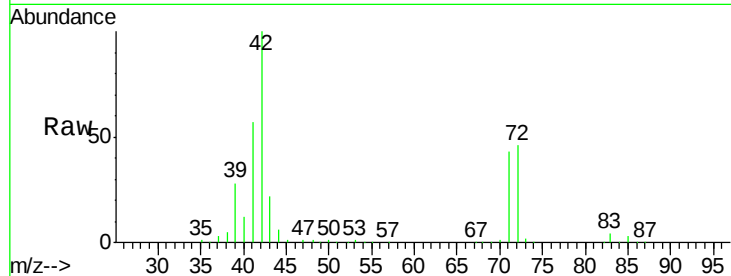
#29
Tetrahydrofuran
Concen: 264.59 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	38.6	58.0
71	45.3	36.2	54.4

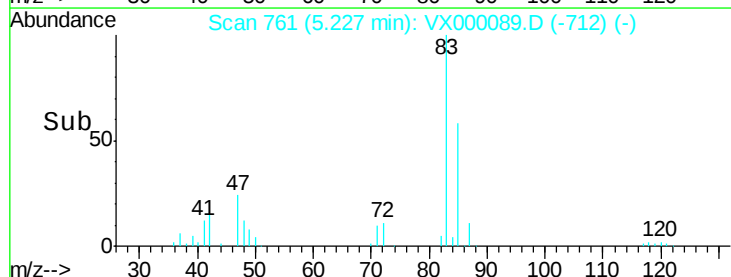
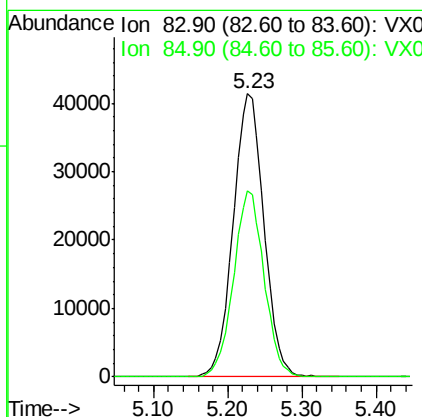
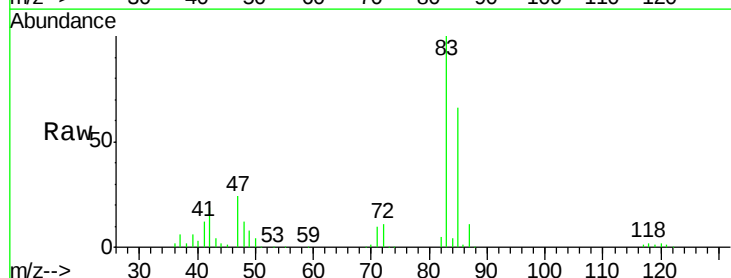
Manual Integrations
APPROVED

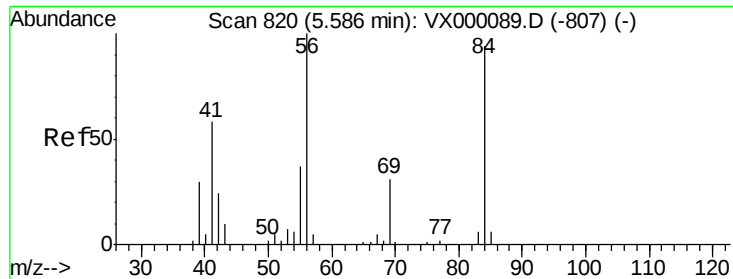
sam
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#30
Chloroform
Concen: 51.71 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1





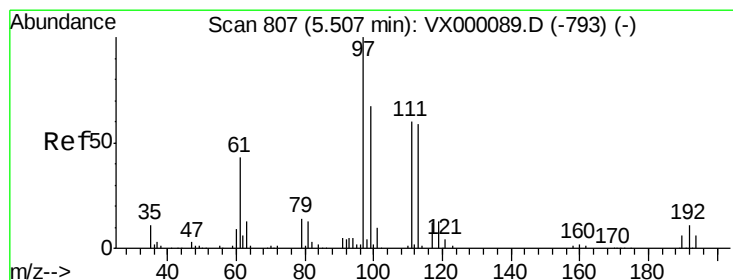
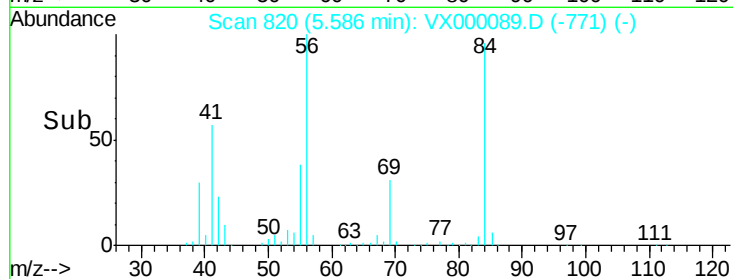
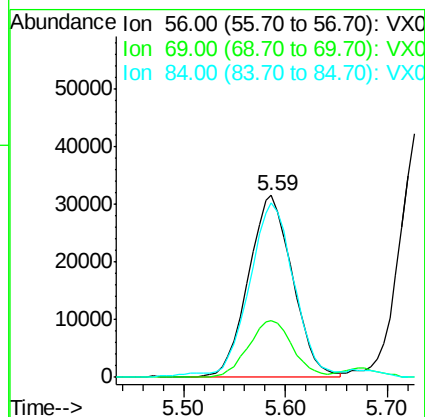
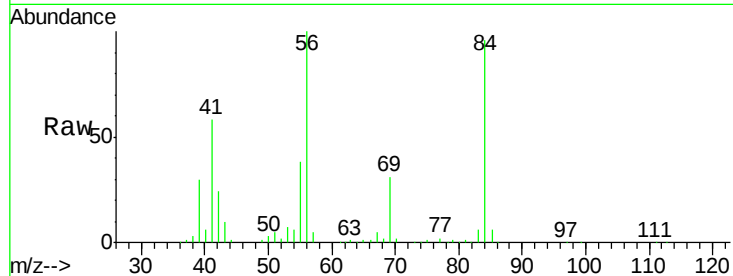
#31
Cyclohexane
Concen: 50.34 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	93.7	75.0	112.4

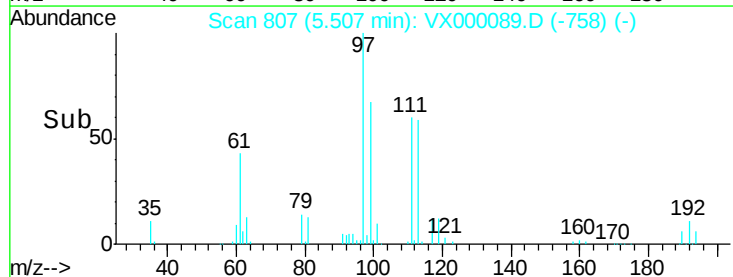
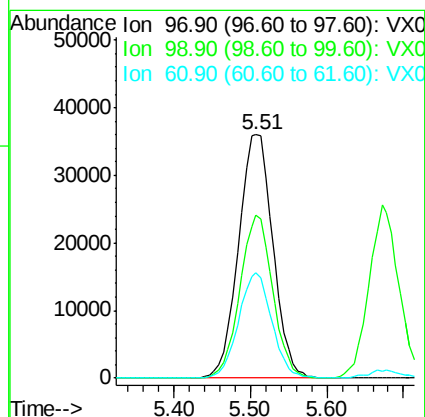
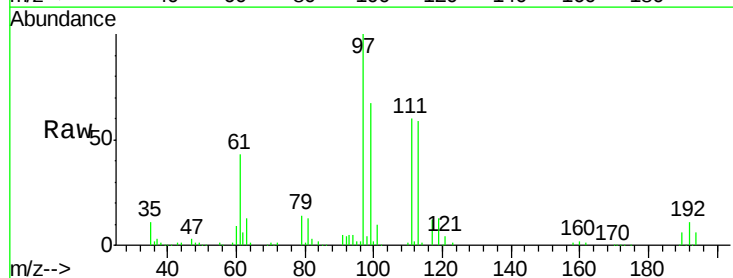
Manual Integrations
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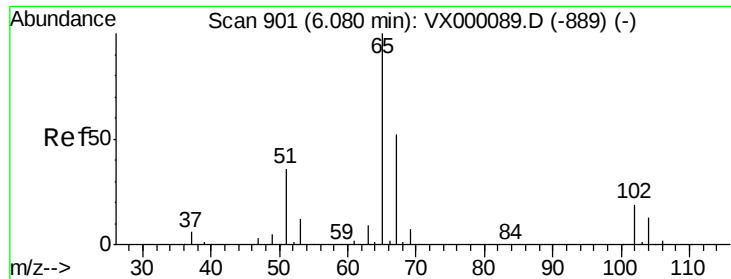
sam
2/16/2018 1:20:33 PM



#32
1,1,1-Trichloroethane
Concen: 51.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.7	33.4	50.0





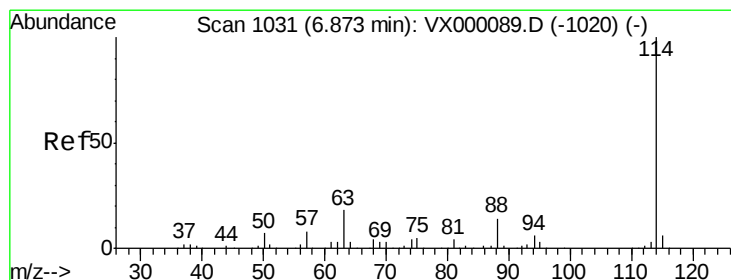
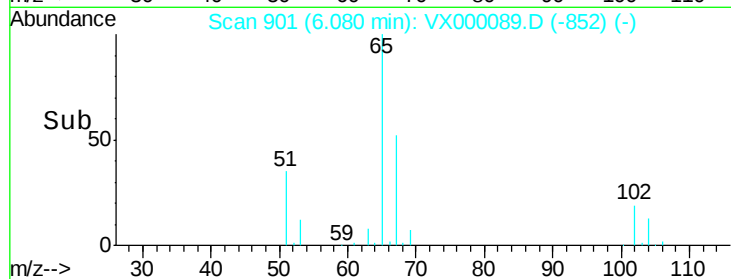
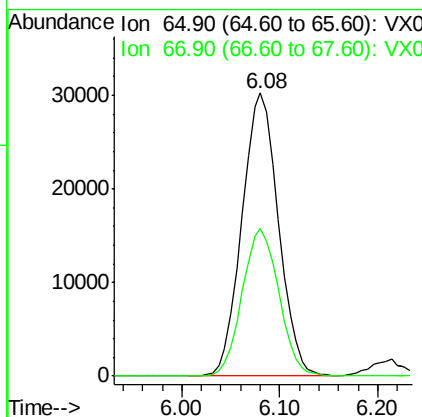
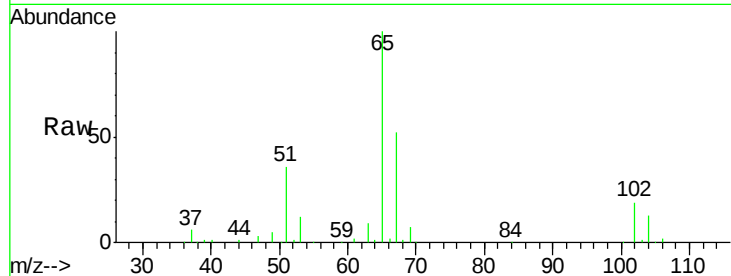
#33
 1,2-Dichloroethane-d4
 Concen: 55.51 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

Tot Ion: 65 Resp: 78403
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8

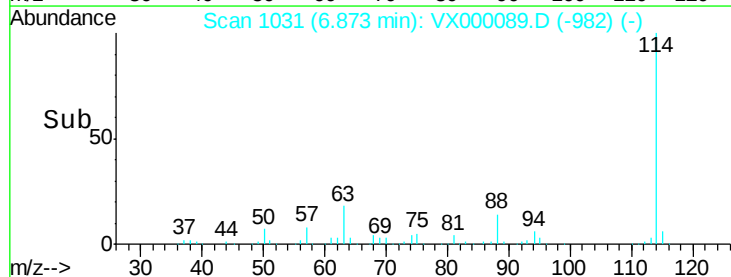
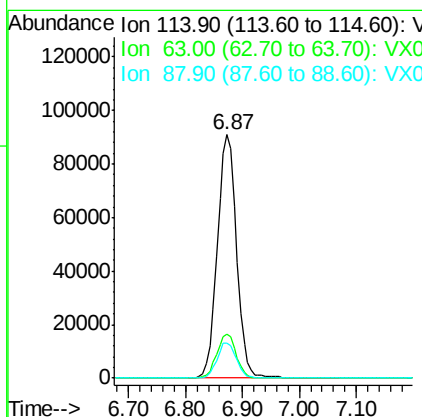
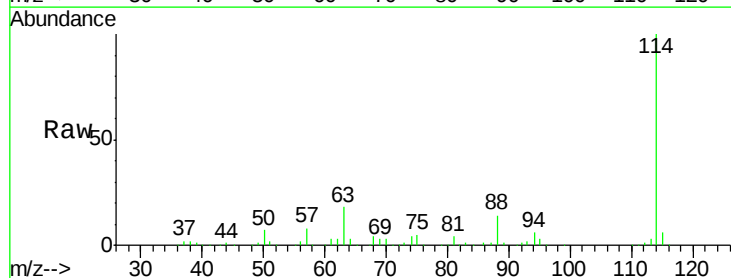
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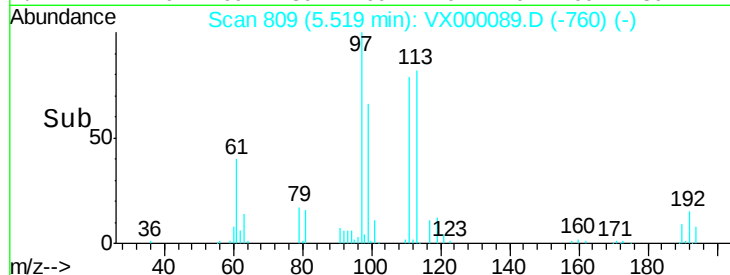
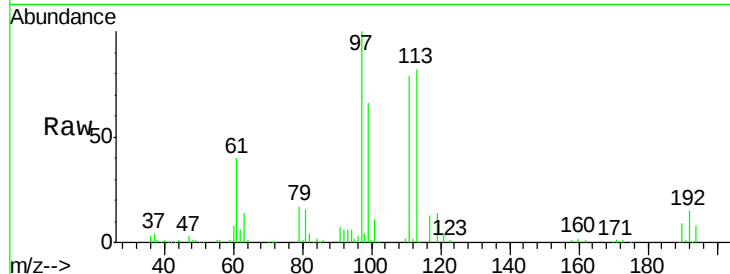
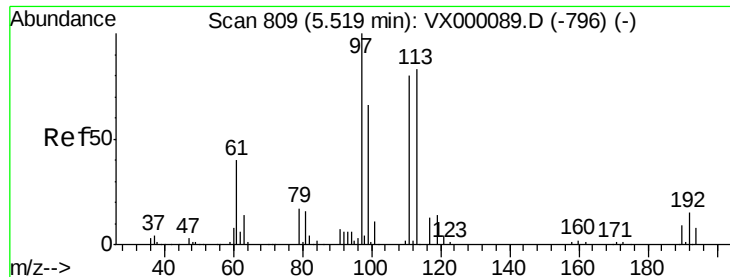
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion: 114 Resp: 212244
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 14.5 0.0 29.0





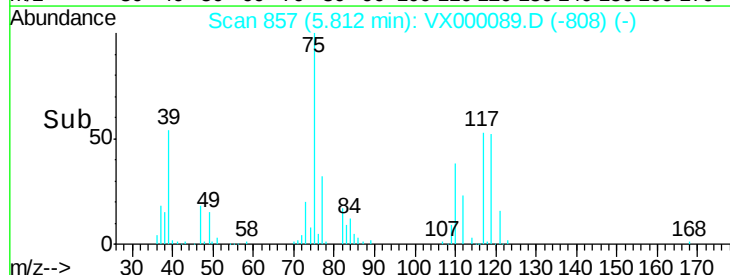
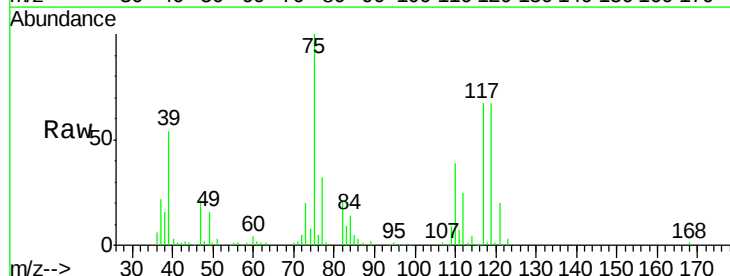
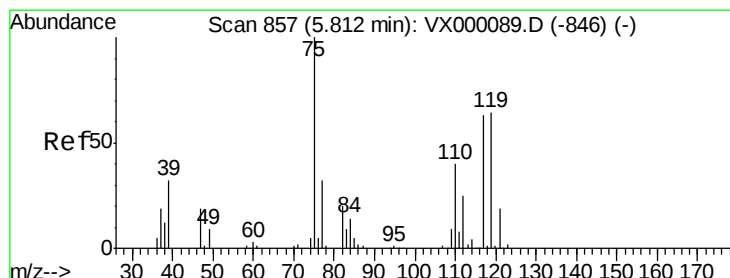
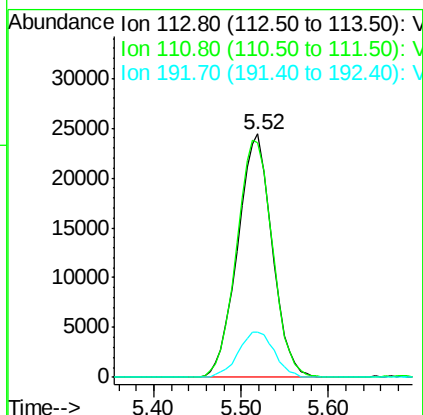
#35
Dibromofluoromethane
Concen: 53.53 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tot Ion	Ratio	Resp	Lower	Upper
113	100	66950		
111	101.3	81.0	121.6	
192	19.6	15.7	23.5	

Instrument :
ClientSampleId :
VSTDICCC050

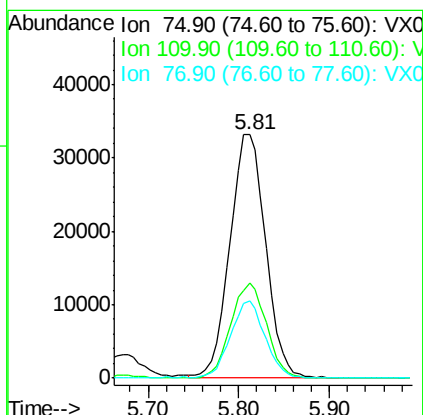
Manual Integrations
APPROVED

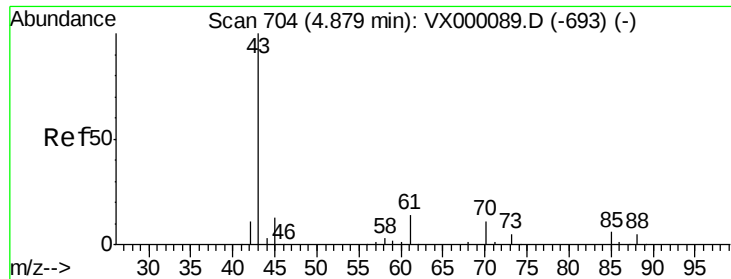
sam
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#36
1,1-Dichloropropene
Concen: 48.87 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90600		
110	39.0	19.5	58.5	
77	30.9	24.7	37.1	





#37

Ethyl Acetate

Concen: 50.07 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

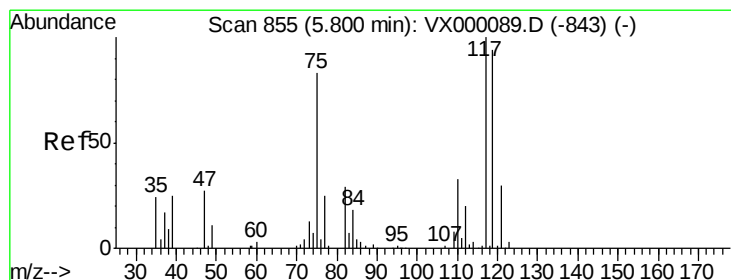
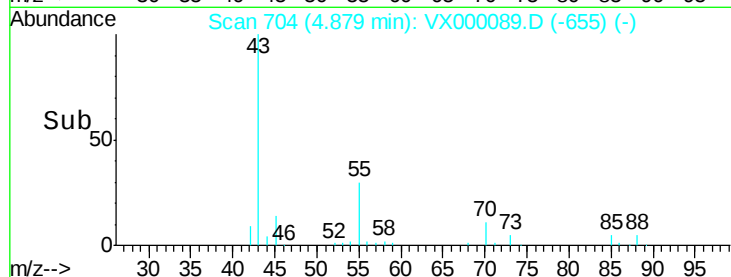
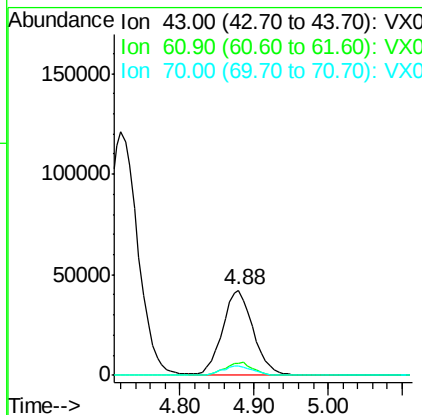
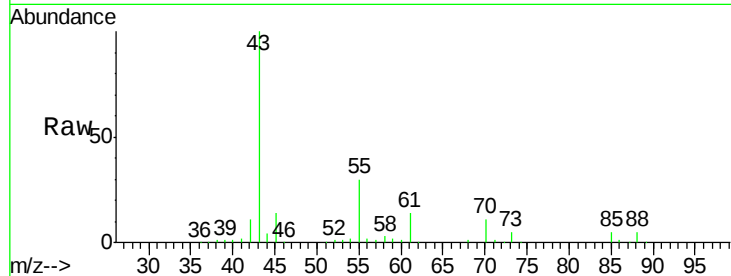
ClientSampled :

VSTDICCC050

Tot Ion:	43	Resp:	121065
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.5	17.3
70	11.2	9.0	13.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.27 ug/l

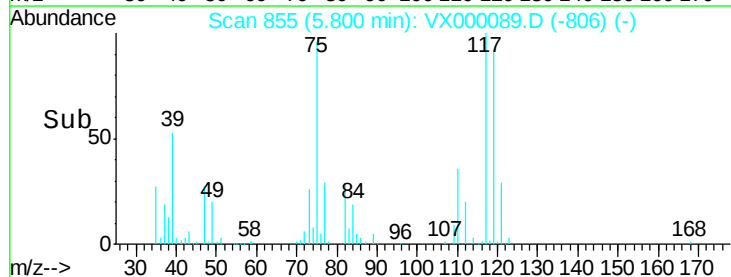
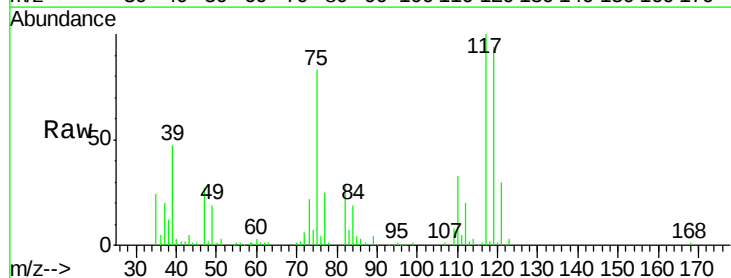
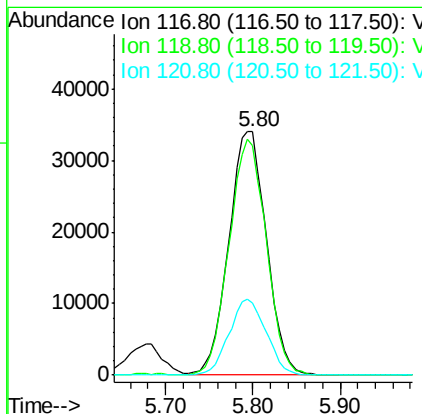
RT: 5.80 min Scan# 855

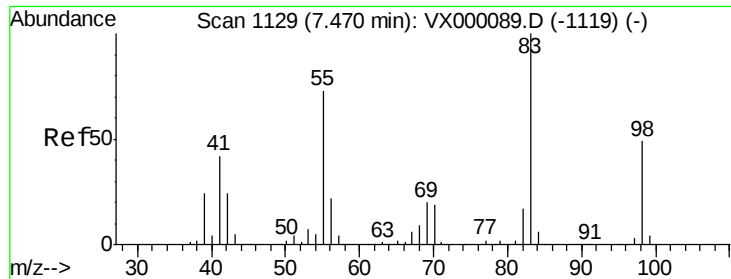
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	117	Resp:	101999
Ion Ratio	Lower	Upper	
117	100		
119	94.1	75.3	112.9
121	29.6	23.7	35.5





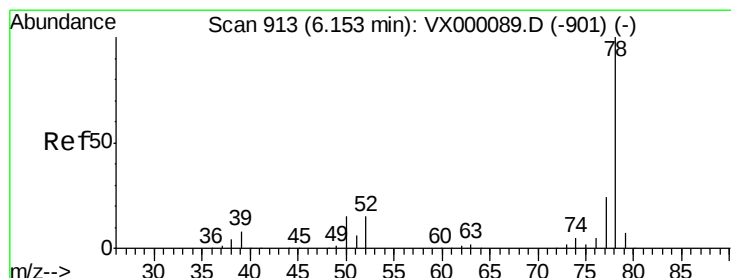
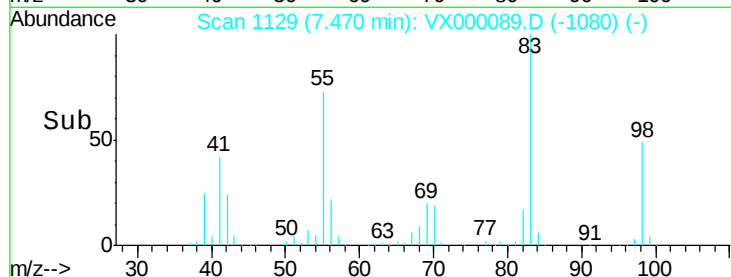
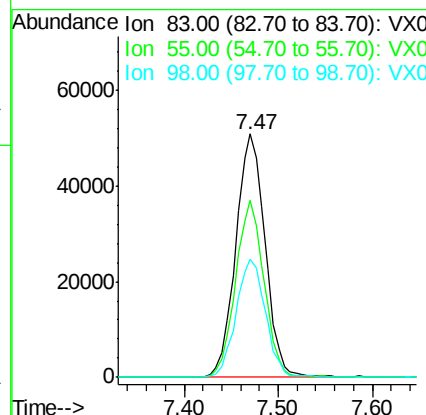
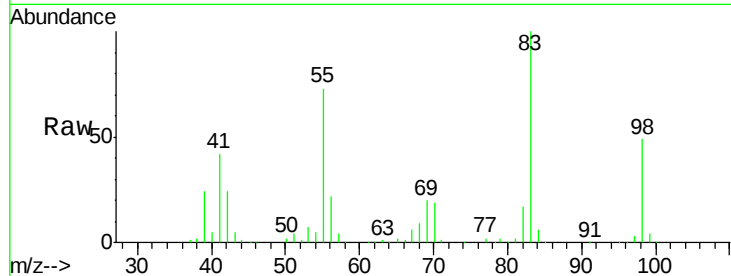
#39
Methvlcvclohexane
Concen: 48.90 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	109764
Ion Ratio	Lower	Upper	
83	100		
55	72.7	58.2	87.2
98	48.8	39.0	58.6

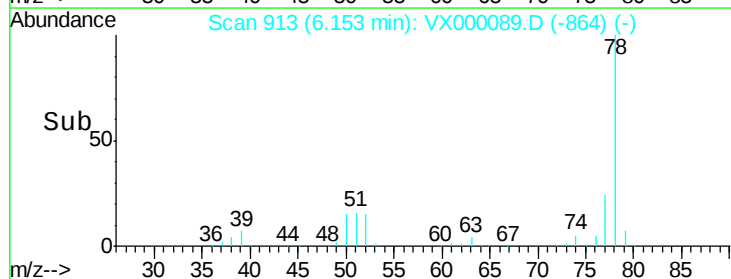
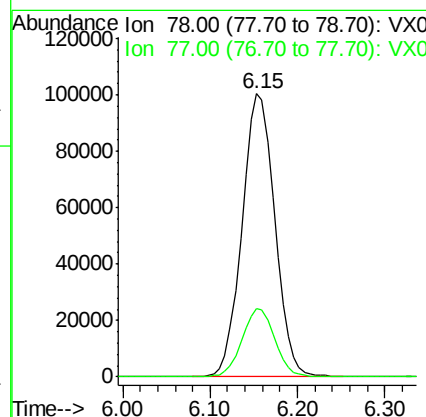
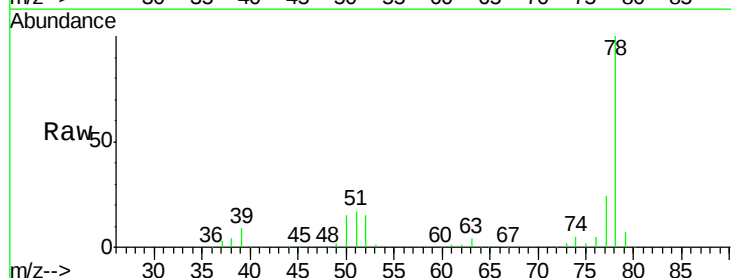
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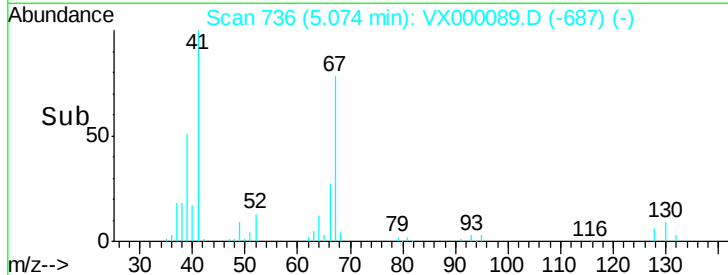
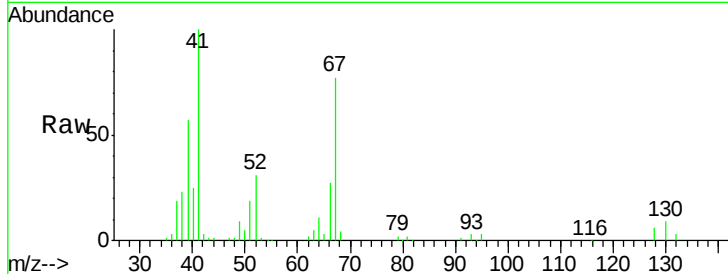
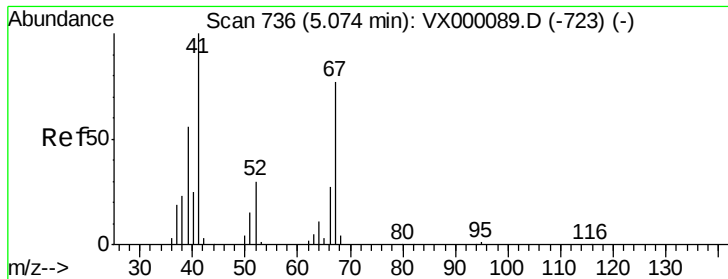
sam
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#40
Benzene
Concen: 50.02 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	78	Resp	261761
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0





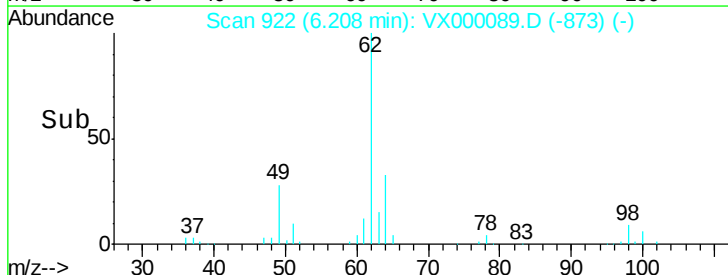
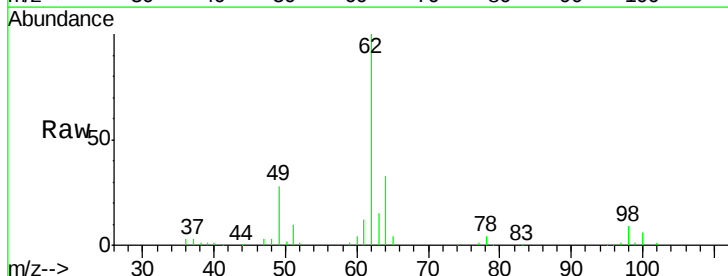
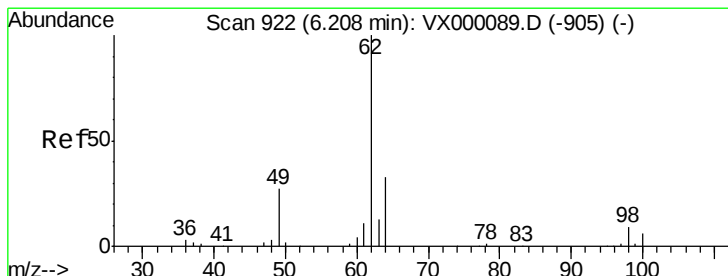
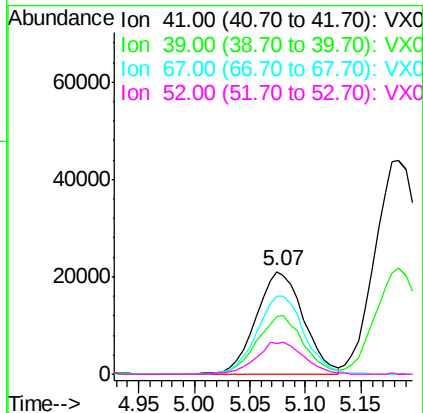
#41
Methacrylonitrile
Concen: 50.23 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.4	45.1	67.7		
67	76.2	61.0	91.4		
52	32.2	25.8	38.6		

Instrument :
ClientSampled :
VSTDICCC050

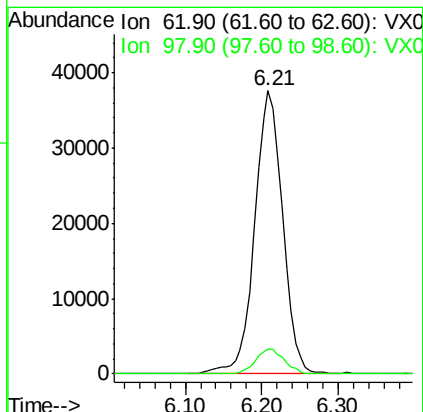
Manual Integrations
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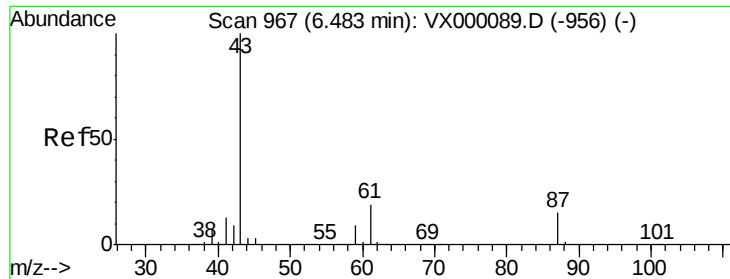
sam
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#42
1,2-Dichloroethane
Concen: 51.17 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.9	0.0	17.8		





#43

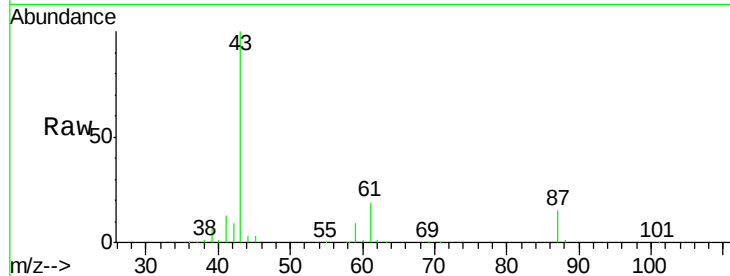
Isopropyl Acetate
 Concen: 49.94 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

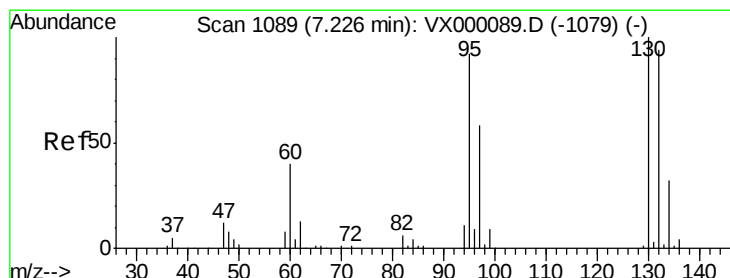
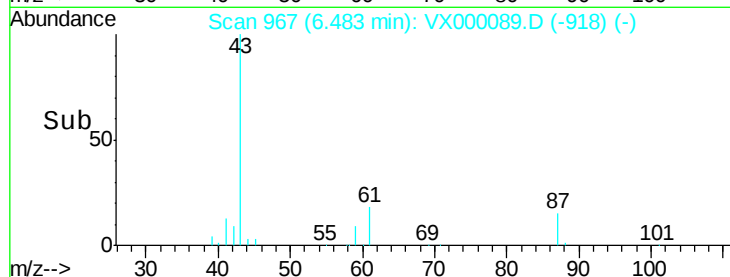
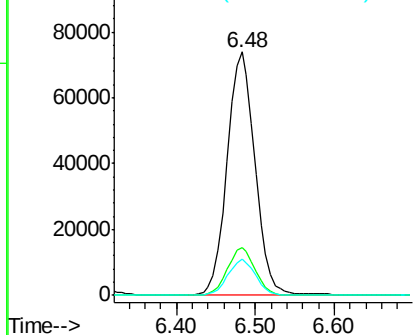
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	14.6	11.7	17.5

Manual Integrations
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sam
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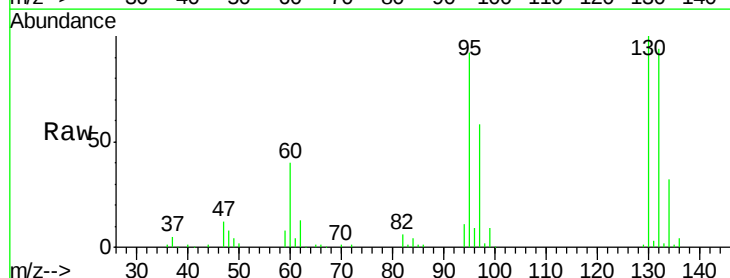
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



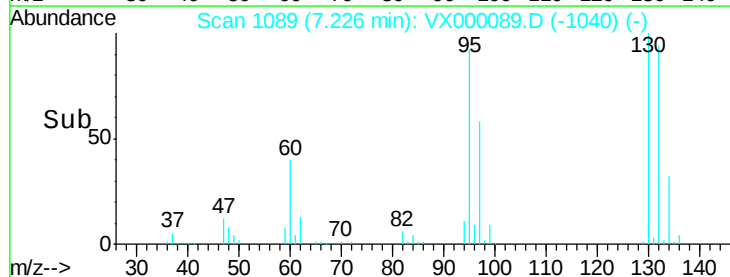
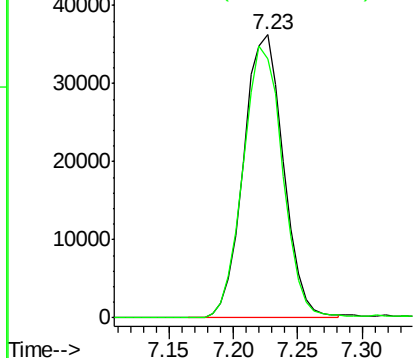
#44

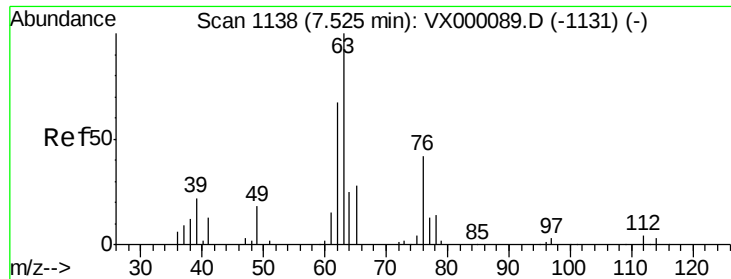
Trichloroethene
 Concen: 48.25 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	183.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





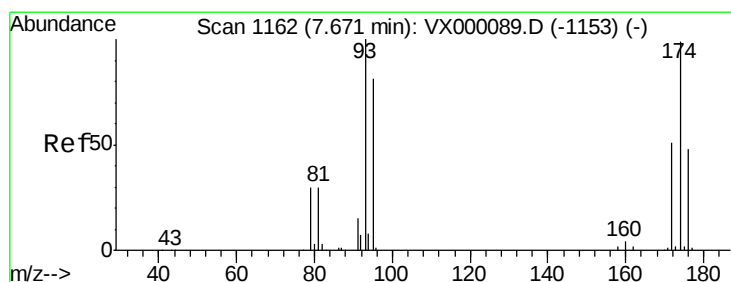
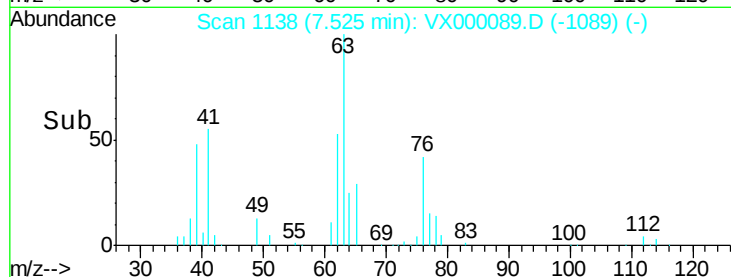
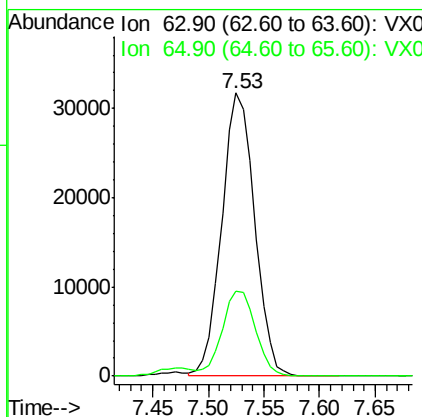
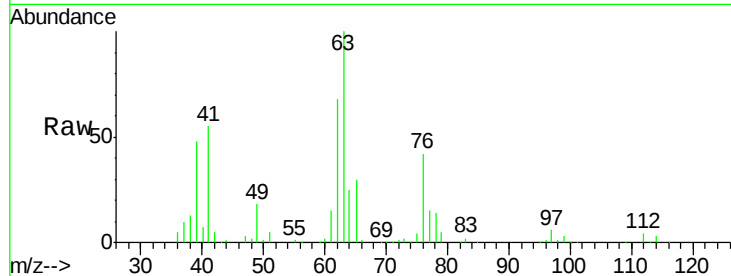
#45
 1,2-Dichloropropane
 Concen: 51.08 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 65149
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.8

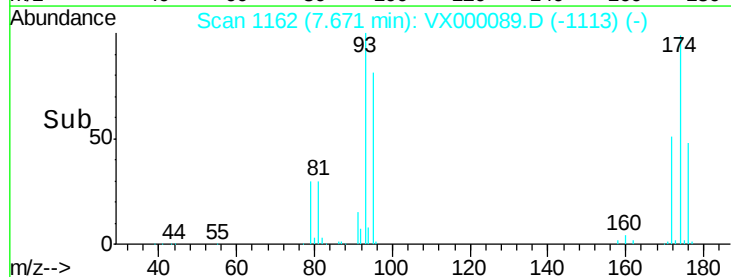
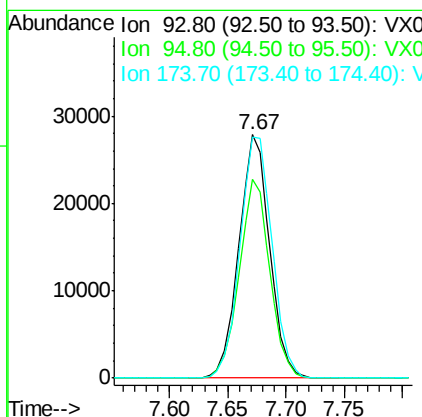
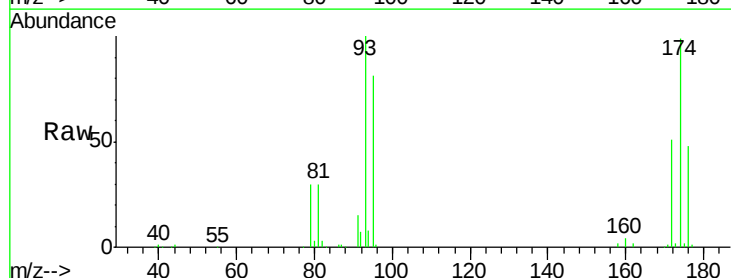
Manual Integrations
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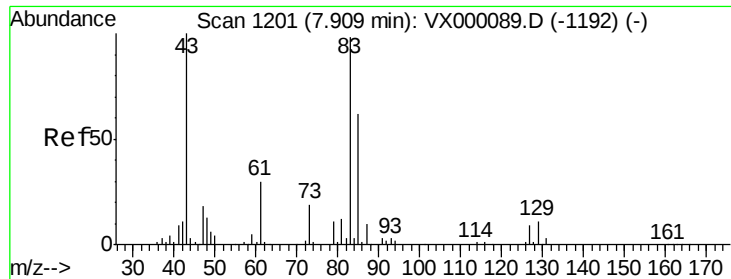
sam
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#46
 Dibromomethane
 Concen: 51.89 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion: 93 Resp: 51147
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.0 97.6
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 50.63 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

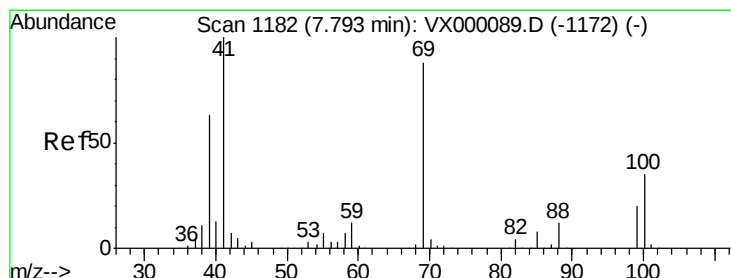
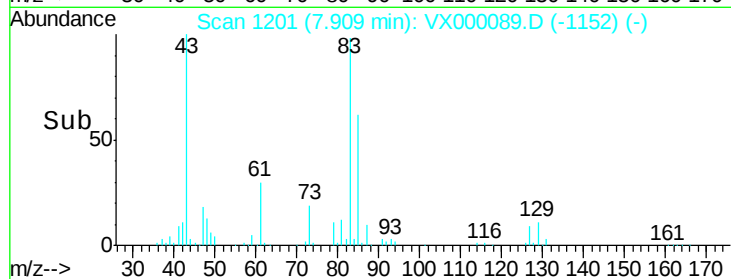
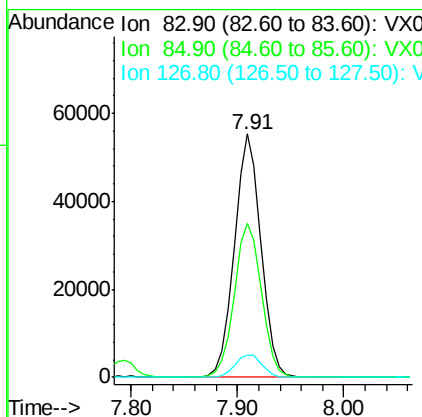
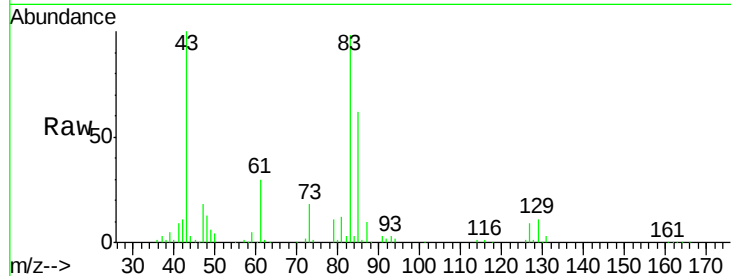
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	96709
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.4	75.6
127	9.0	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.04 ug/l

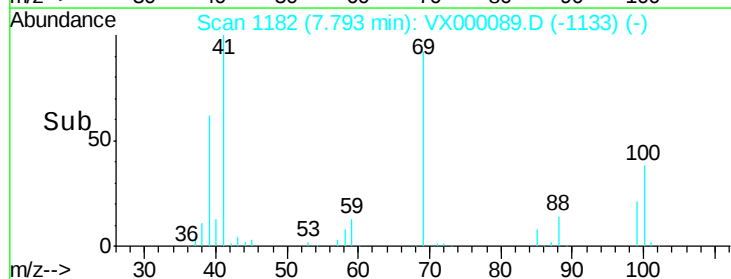
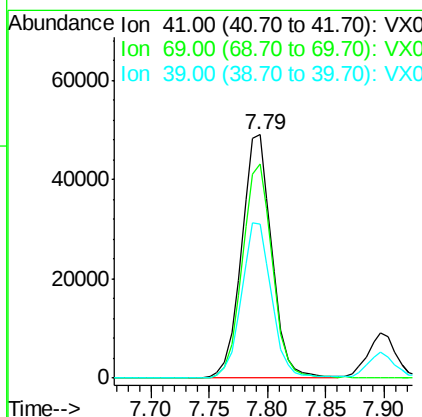
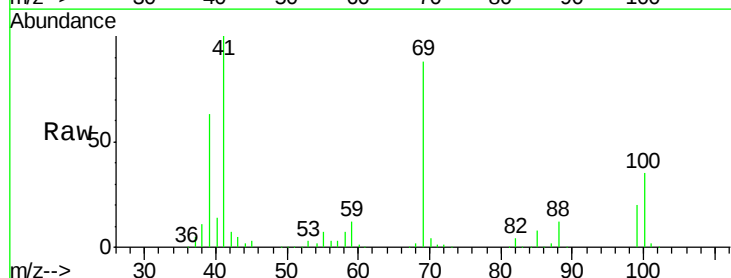
RT: 7.79 min Scan# 1182

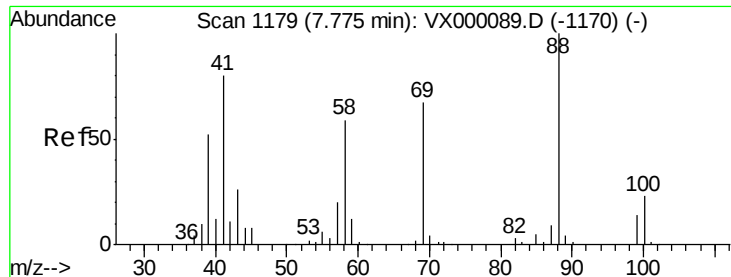
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	41	Resp:	89135
Ion Ratio	Lower	Upper	
41	100		
69	87.8	70.2	105.4
39	63.8	51.0	76.6





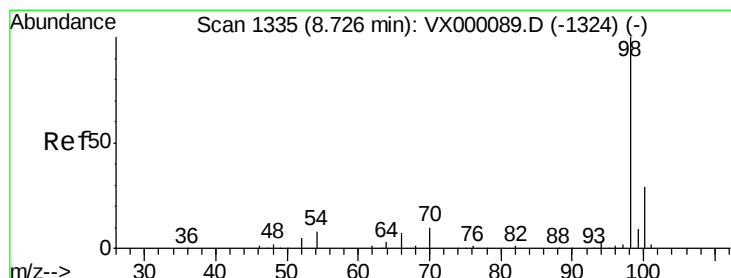
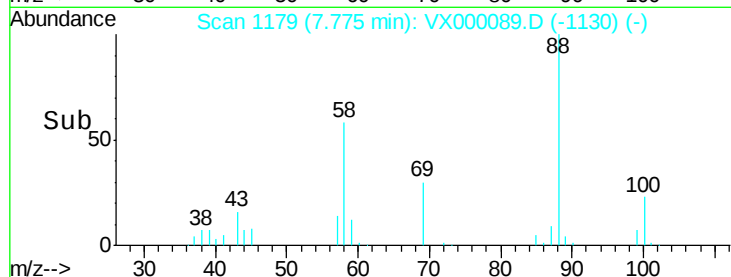
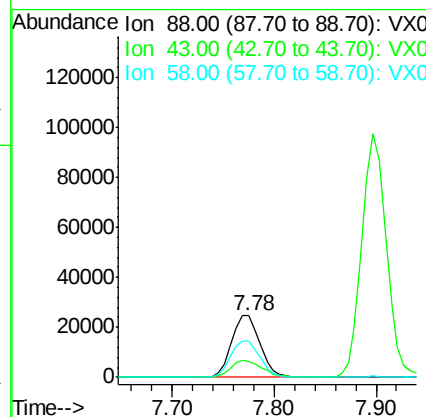
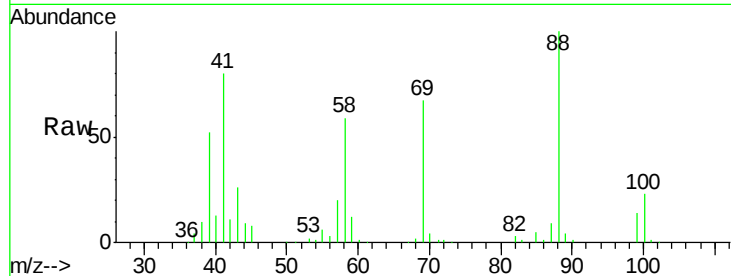
#49
1,4-Dioxane
Concen: 1005.77 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.1	36.1
58	61.3	49.0	73.6

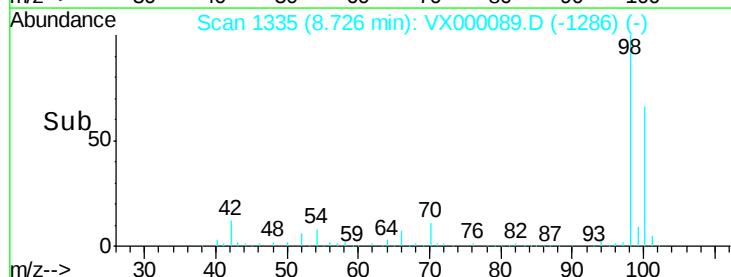
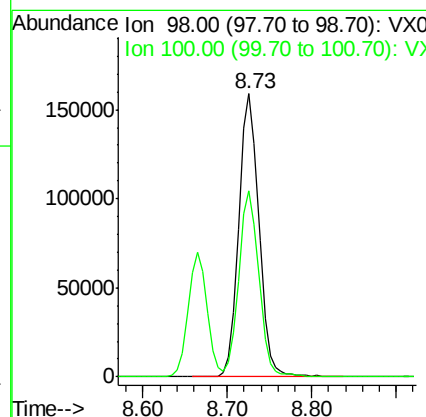
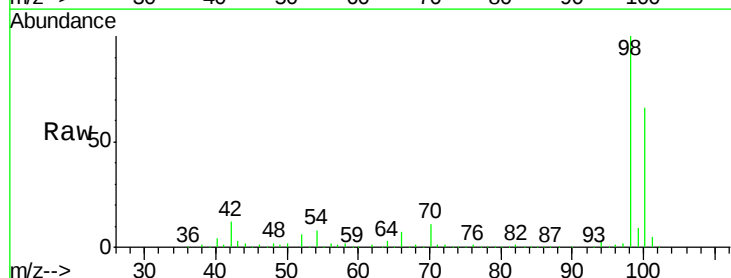
Manual Integrations
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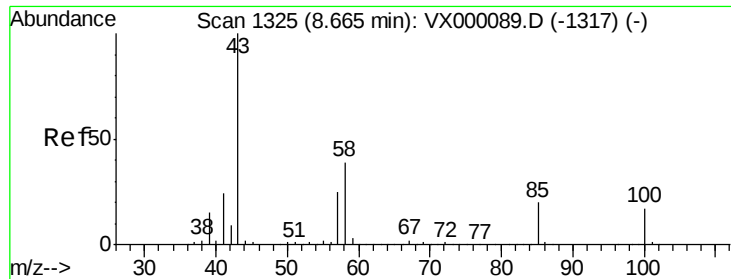
sam
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#50
Toluene-d8
Concen: 54.49 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 263.64 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 670517

Ion Ratio Lower Upper

43 100

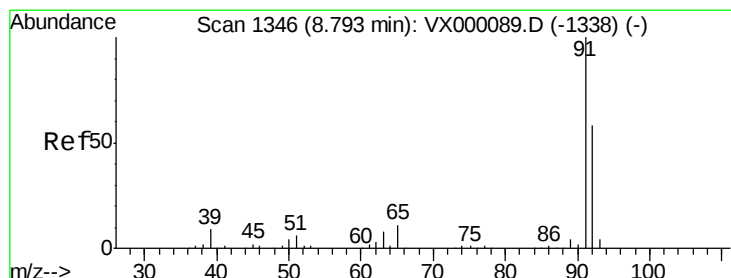
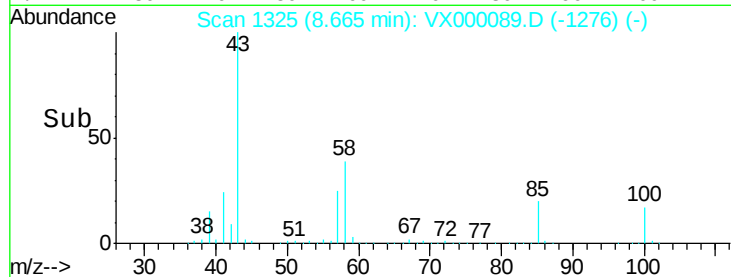
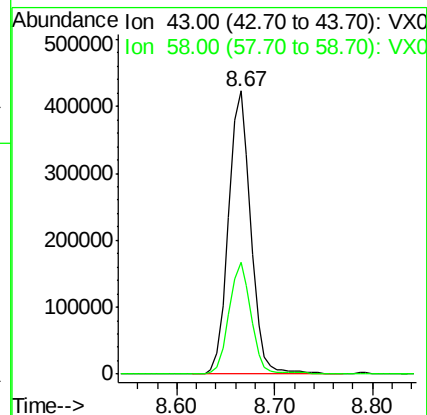
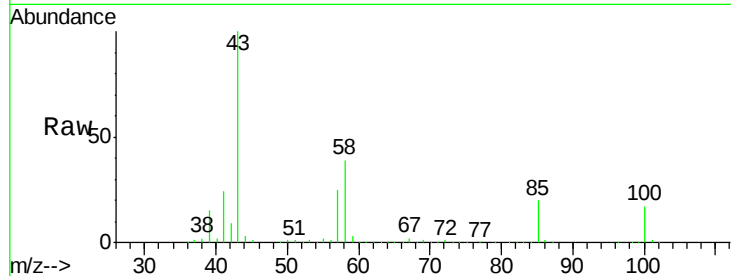
58 39.5 31.6 47.4

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#52

Toluene

Concen: 51.13 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000089.D

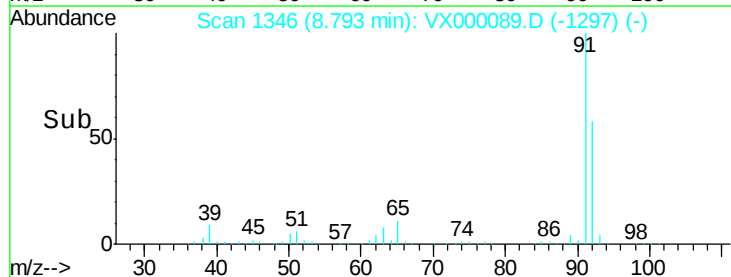
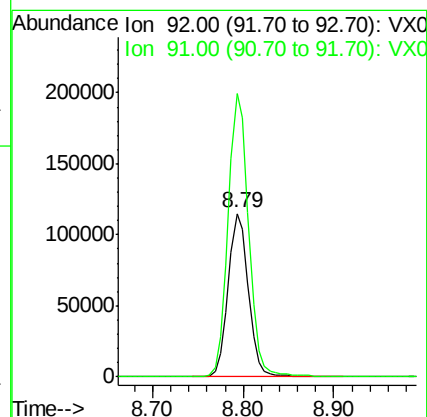
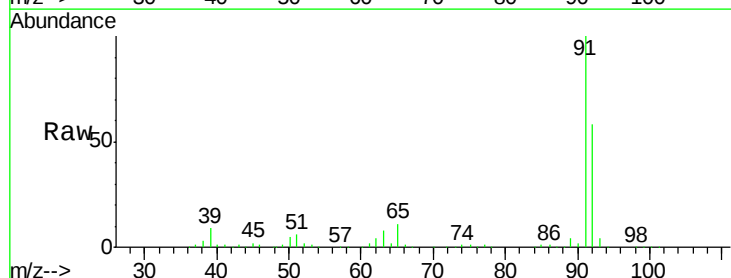
Acq: 14 Feb 2018 16:09

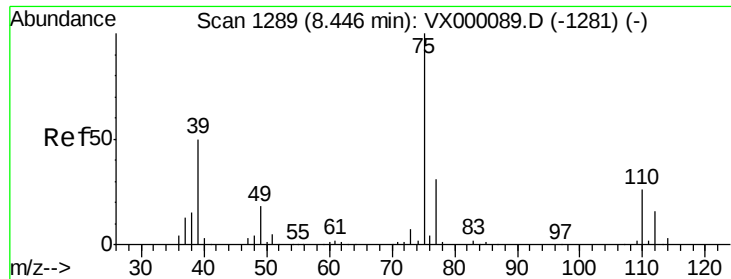
Tgt Ion: 92 Resp: 180032

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6





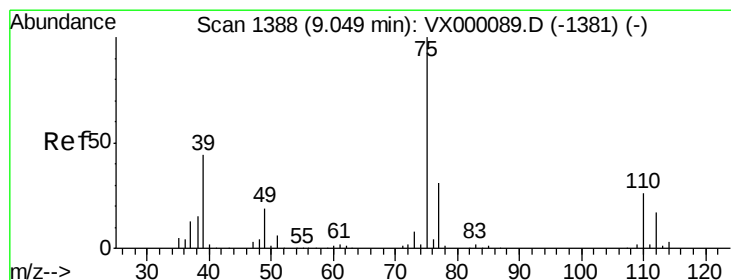
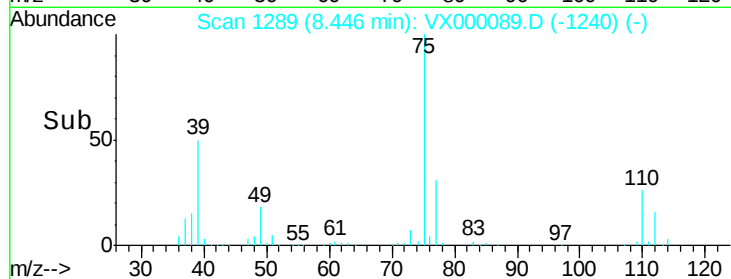
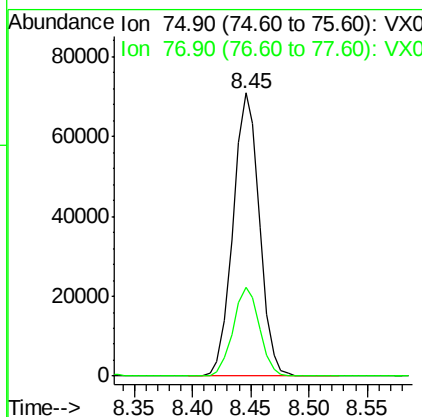
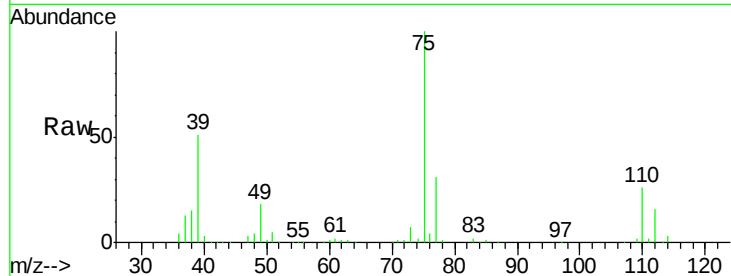
#53
t-1,3-Dichloropropene
Concen: 50.23 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 111979
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

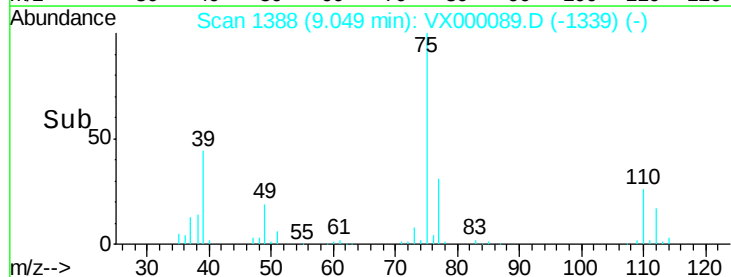
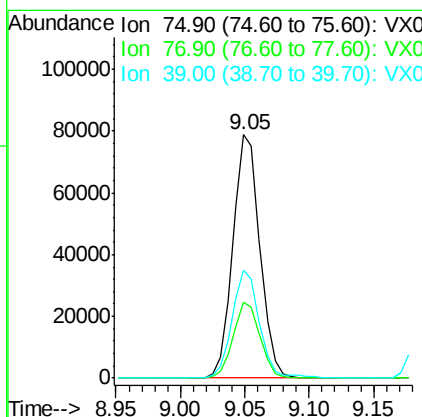
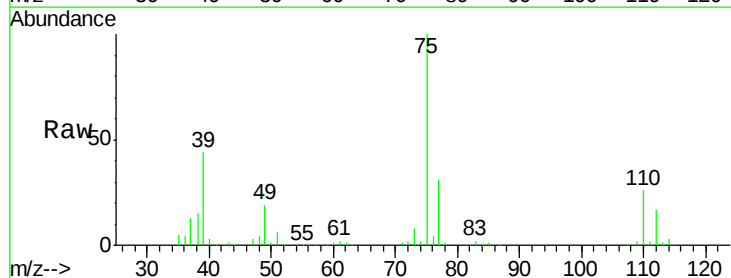
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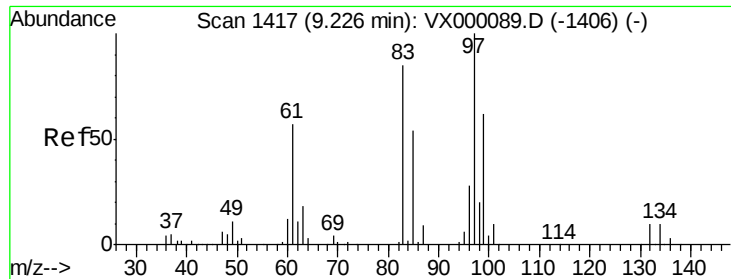
sam
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#54
cis-1,3-Dichloropropene
Concen: 52.84 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion: 75 Resp: 114856
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 44.2 35.4 53.0





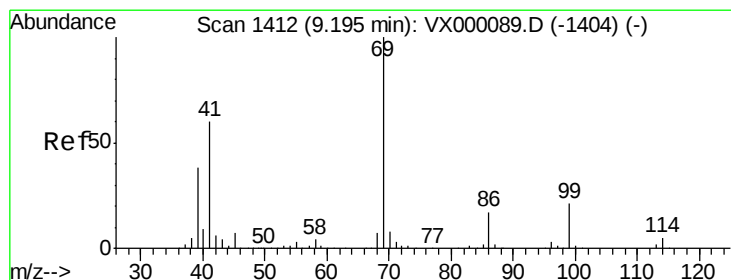
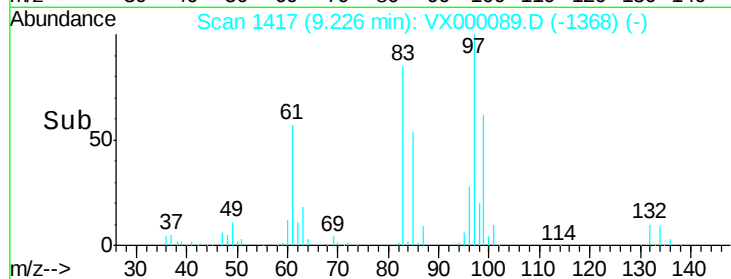
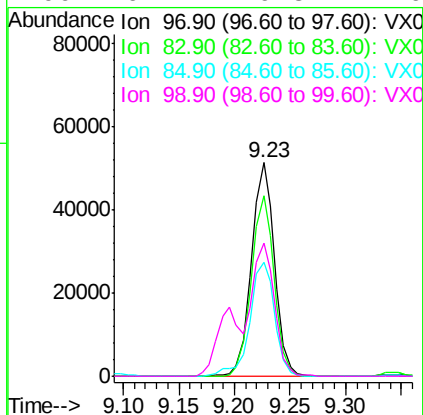
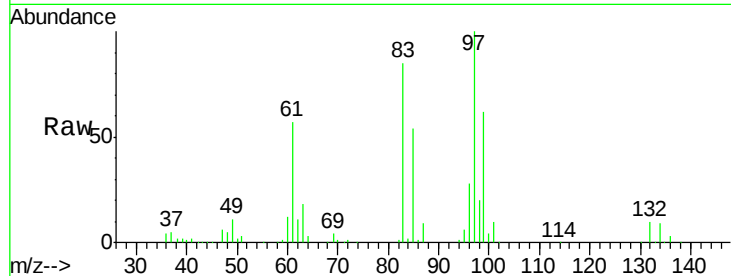
#55
 1,1,2-Trichloroethane
 Concen: 50.05 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	73818
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.6	101.4
85	53.6	42.9	64.3
99	62.2	49.8	74.6

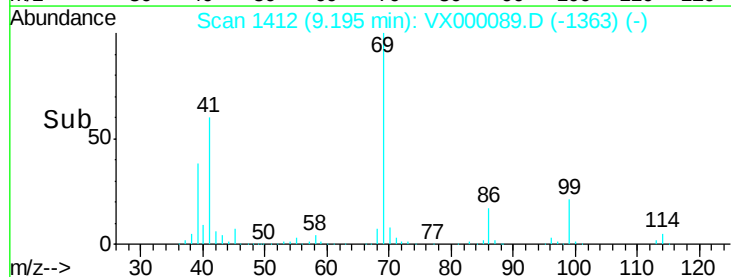
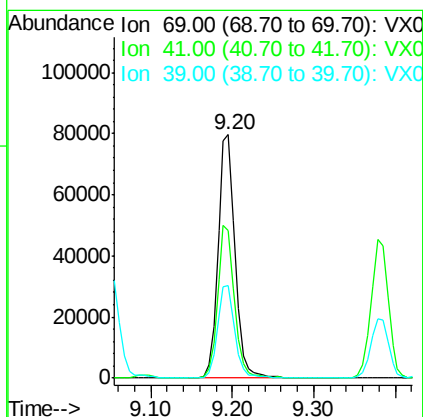
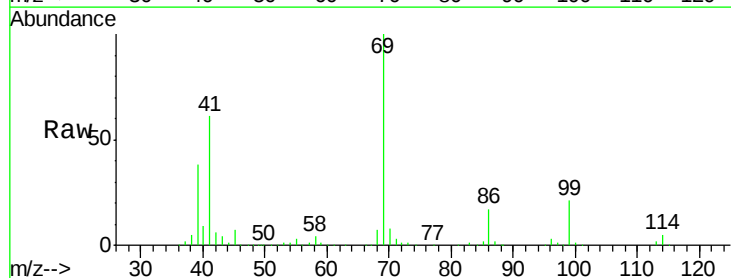
Manual Integrations
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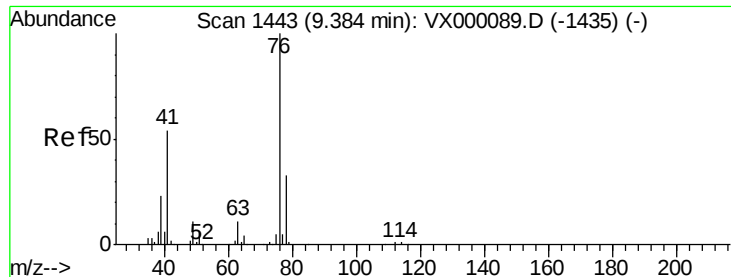
sam
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#56
 Ethyl methacrylate
 Concen: 51.73 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion:	69	Resp:	116963
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.4	74.0
39	39.1	31.3	46.9





#57

1,3-Dichloropropane

Concen: 51.29 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 117974

Ion Ratio Lower Upper

76 100

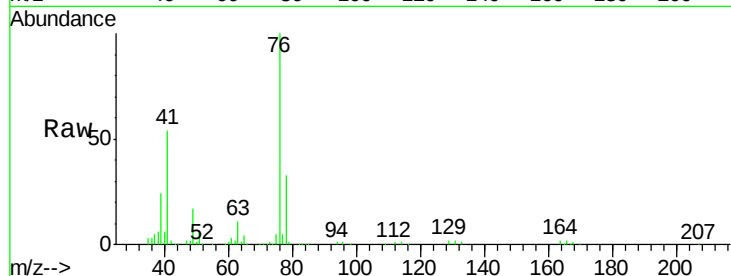
78 32.3 25.8 38.8

Manual Integrations

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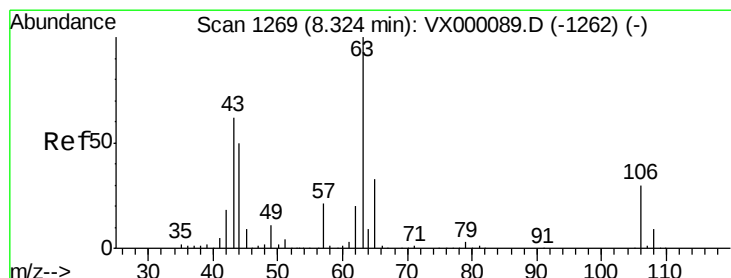
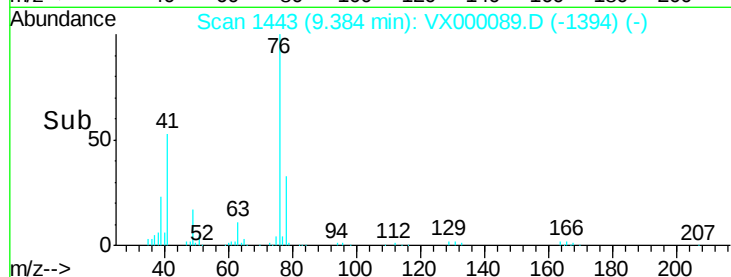
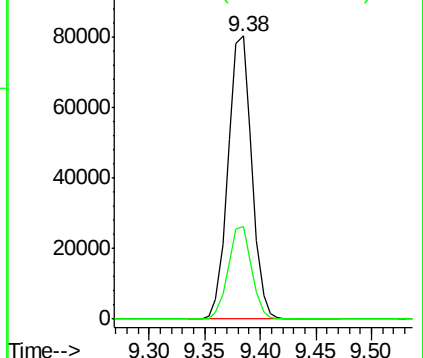
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 253.78 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000089.D

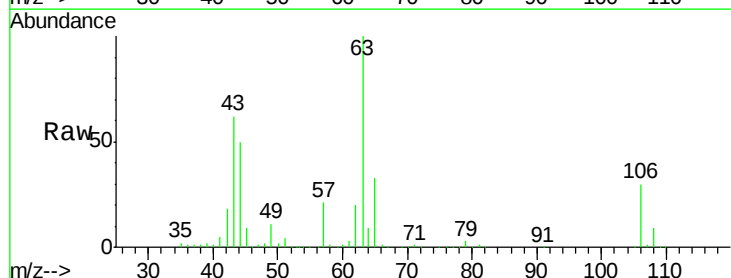
Acq: 14 Feb 2018 16:09

Tgt Ion: 63 Resp: 284062

Ion Ratio Lower Upper

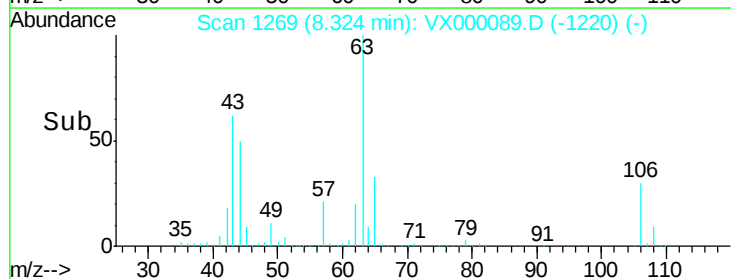
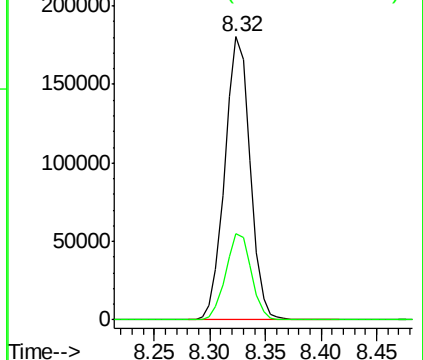
63 100

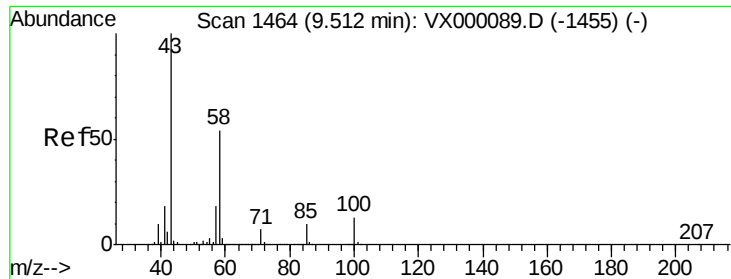
106 30.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





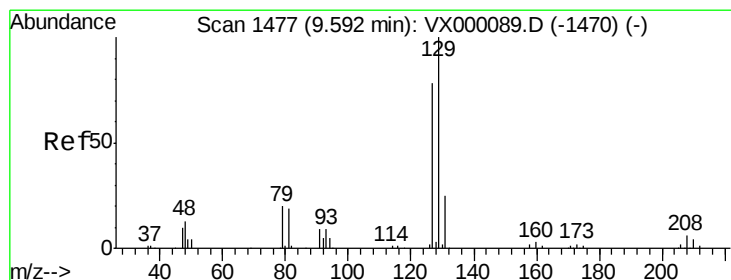
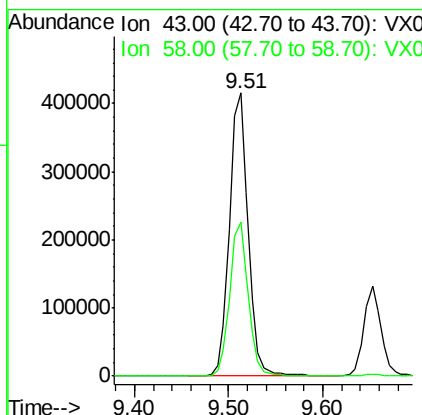
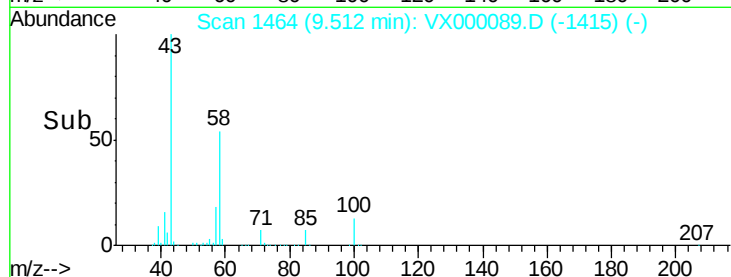
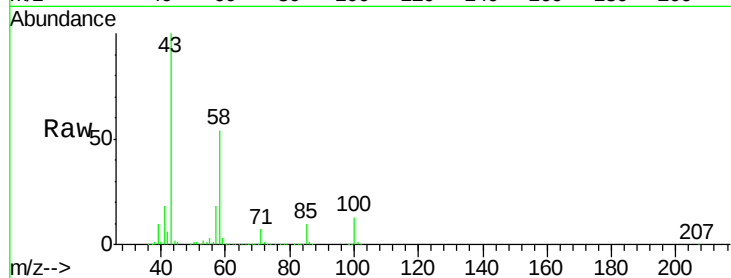
#59
2-Hexanone
Concen: 274.04 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 570770
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

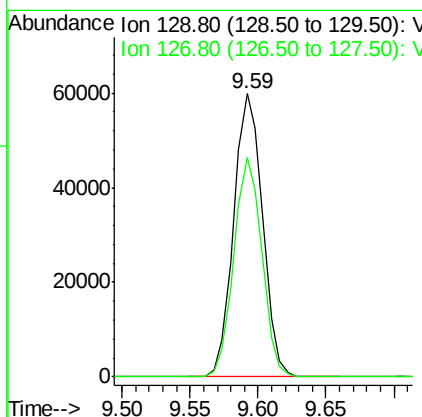
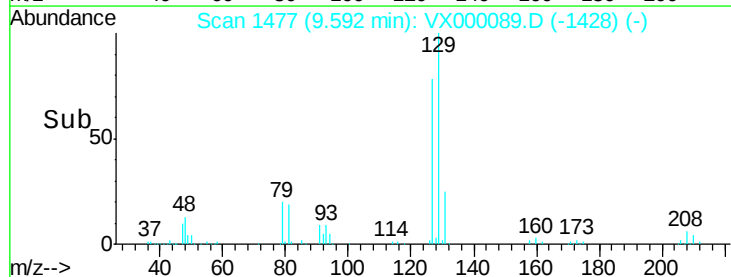
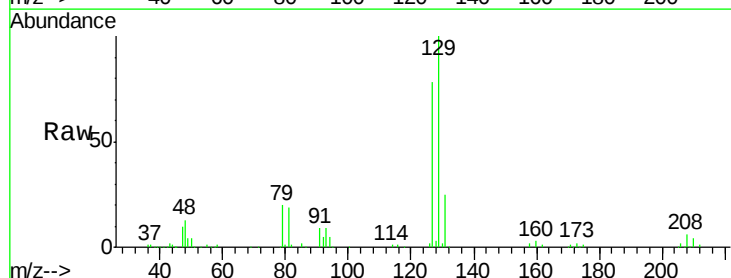
Manual Integrations
APPROVED

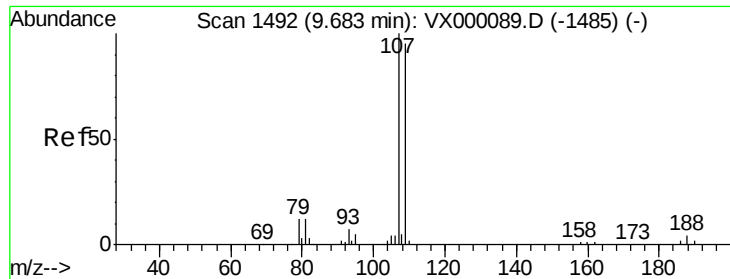
sam
2/16/2018 1:20:33 PM



#60
Dibromochloromethane
Concen: 52.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion:129 Resp: 88234
Ion Ratio Lower Upper
129 100
127 75.3 37.6 112.9





#61

1,2-Dibromoethane

Concen: 51.00 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion:107 Resp: 82495

Ion Ratio Lower Upper

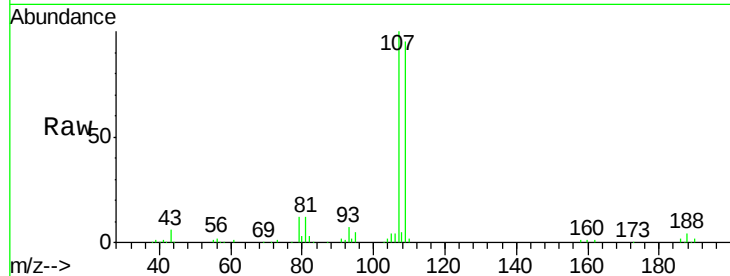
107 100

109 95.5 76.4 114.6

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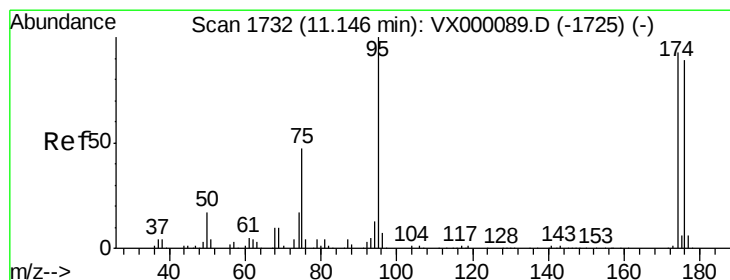
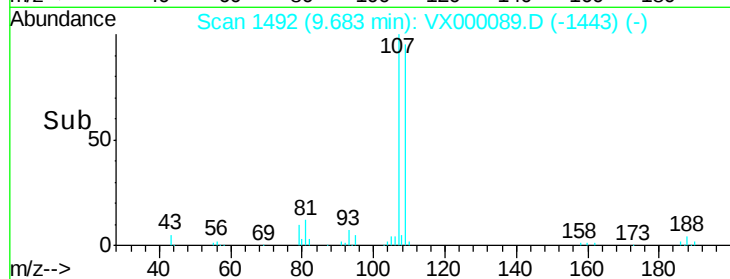
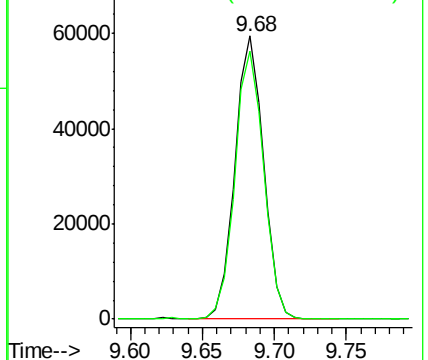
sam

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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: 53.21 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

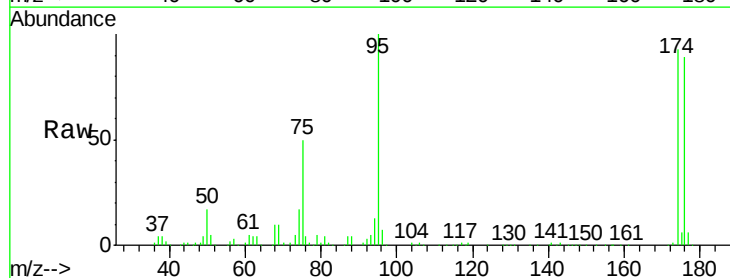
Tgt Ion: 95 Resp: 101142

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.8

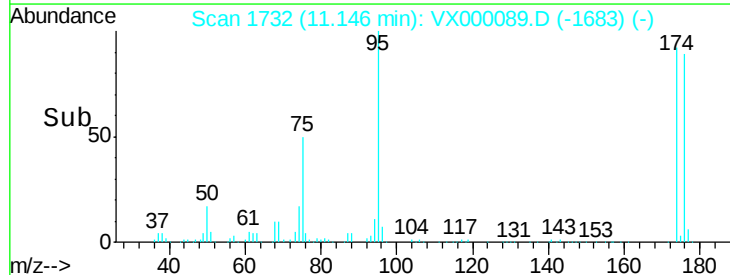
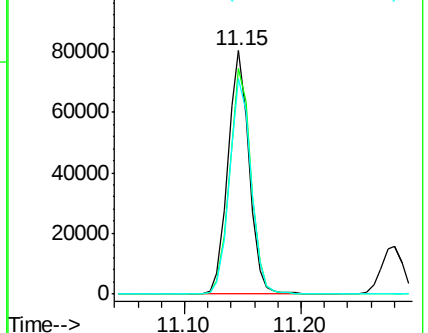
176 90.6 0.0 181.2

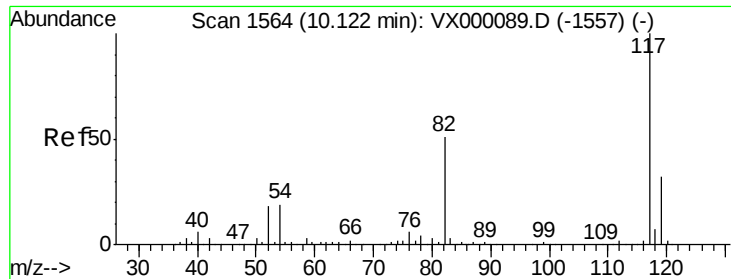


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





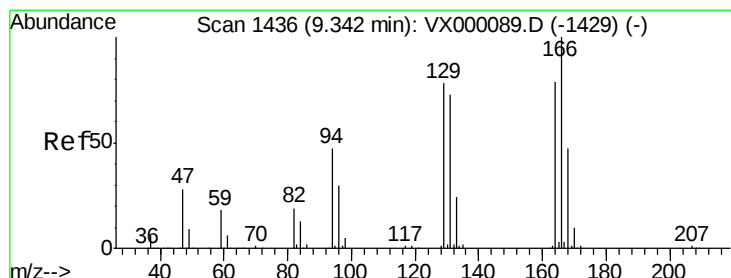
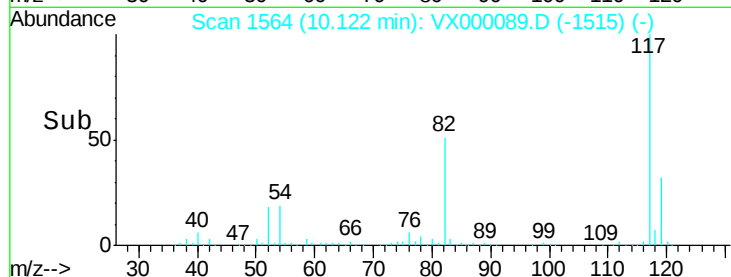
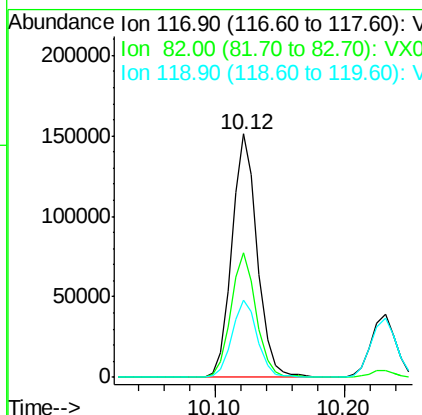
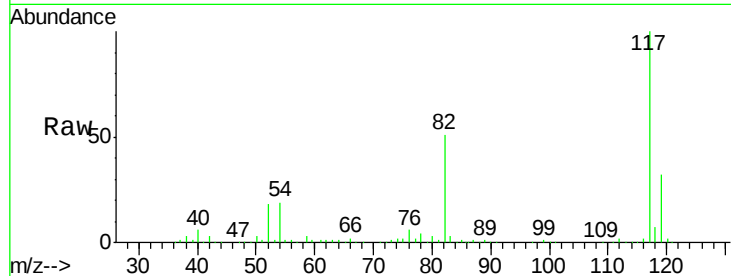
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.6
119	31.9	25.5	38.3

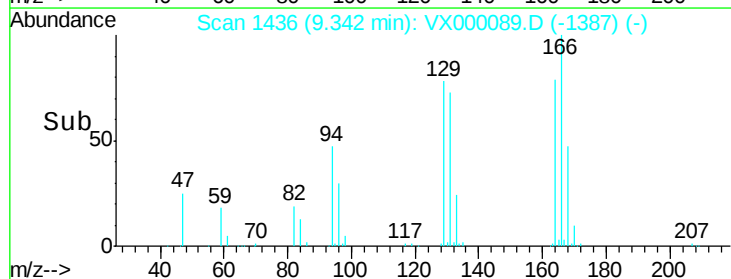
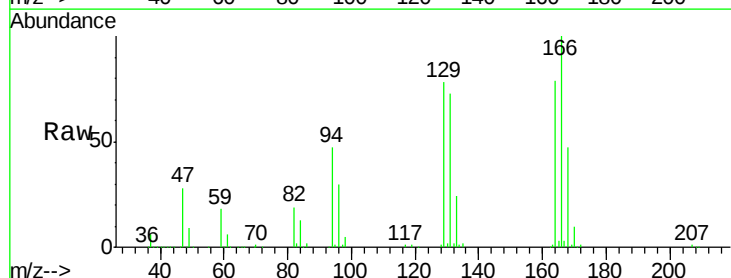
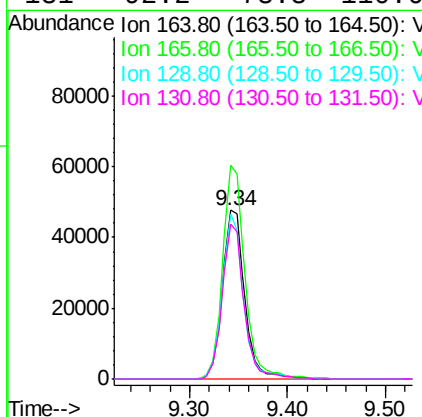
Manual Integrations
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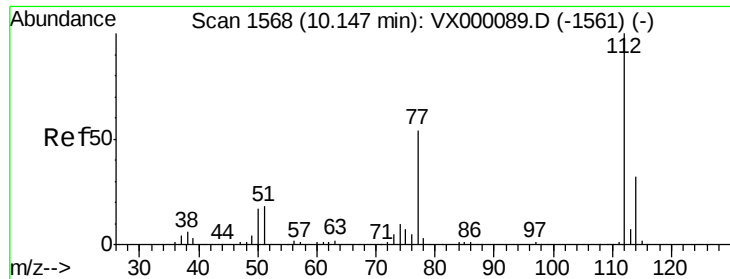
sam
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#64
Tetrachloroethene
Concen: 48.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.4	152.2
129	98.3	78.6	118.0
131	92.2	73.8	110.6





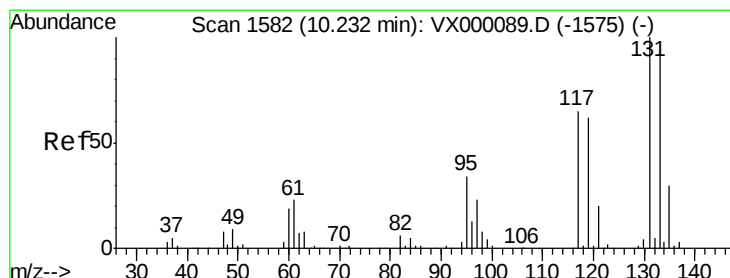
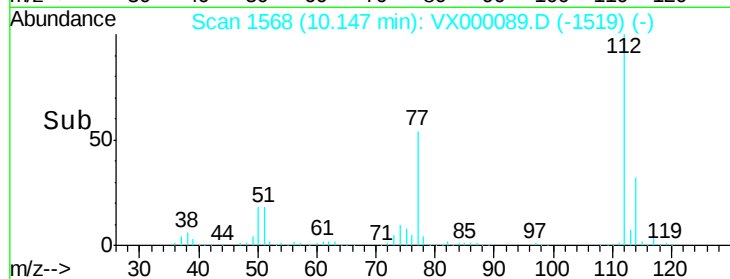
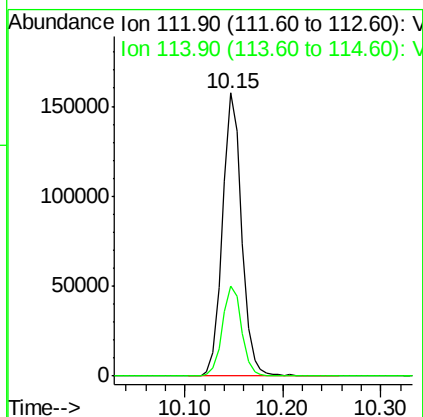
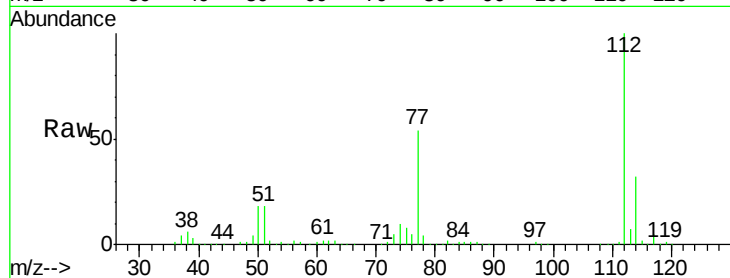
#65
Chlorobenzene
Concen: 49.54 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion:112 Resp: 214303
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

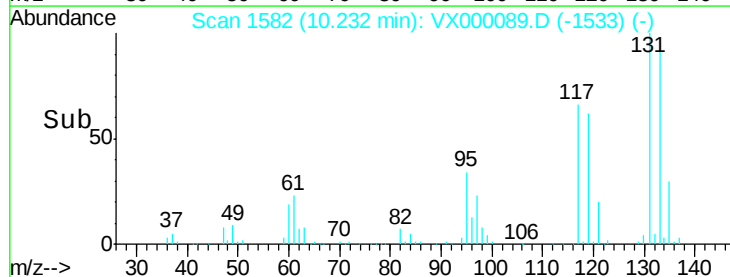
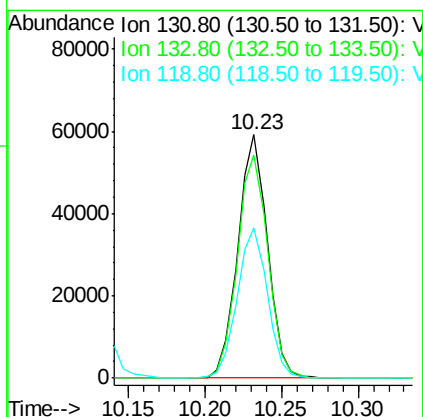
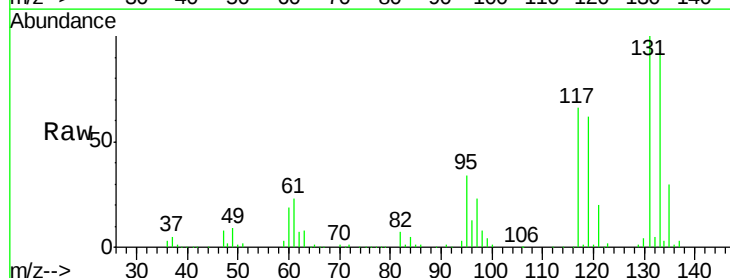
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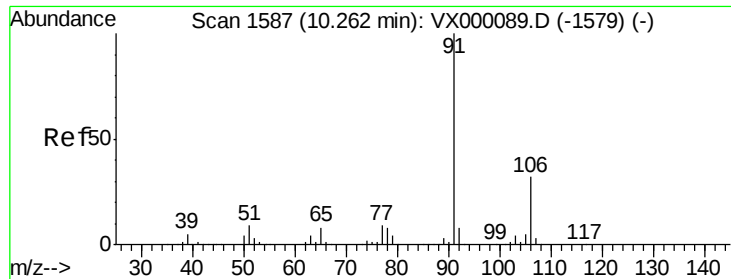
sam
2/16/2018 1:20:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.89 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion:131 Resp: 79041
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 63.4 31.7 95.1





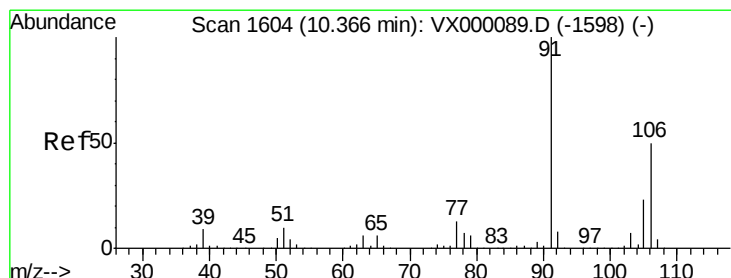
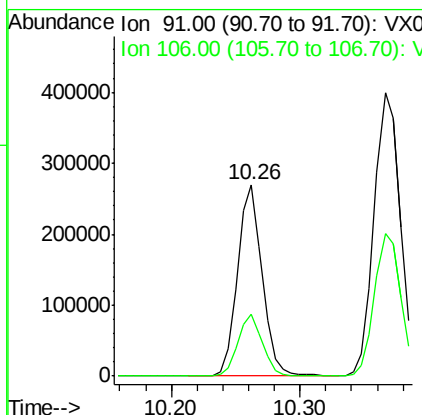
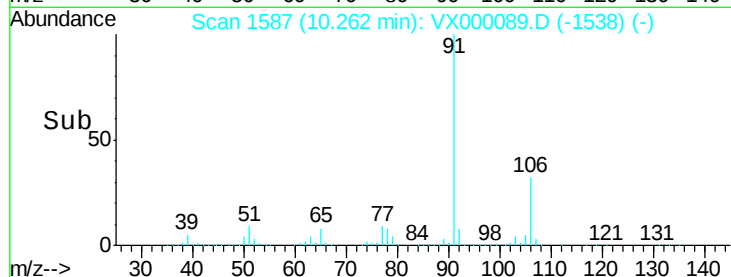
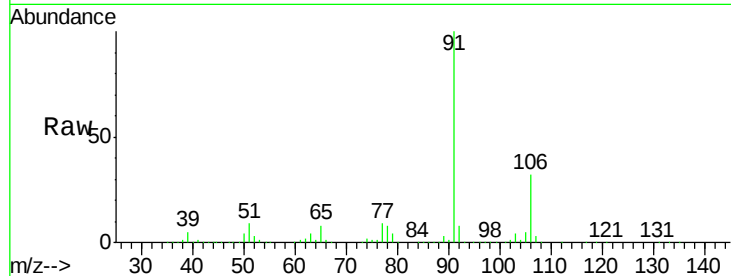
#67
Ethyl Benzene
Concen: 49.99 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 358940
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6

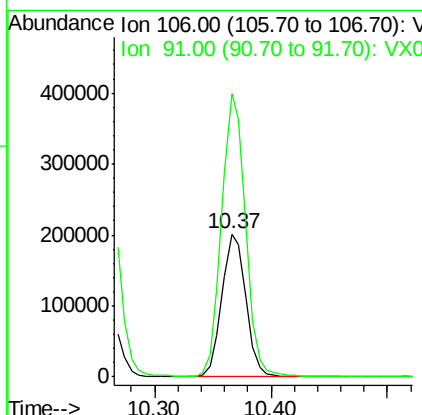
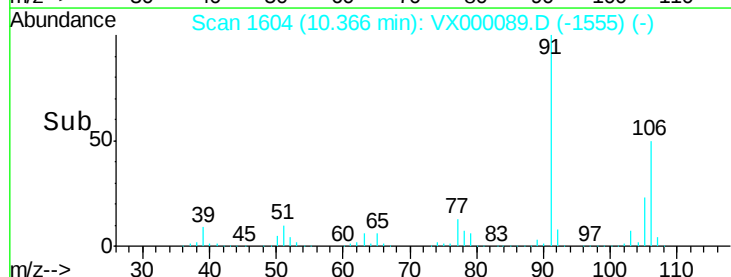
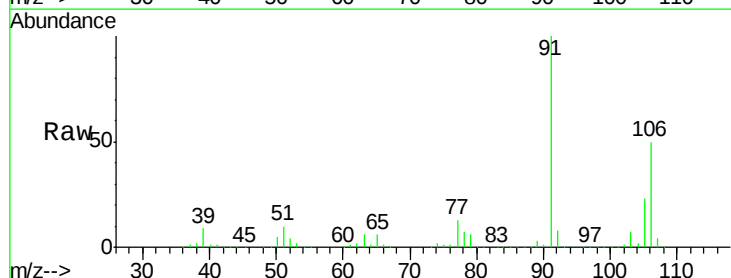
Manual Integrations
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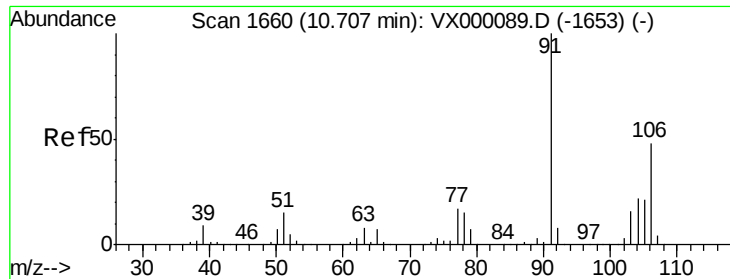
sam
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#68
m/p-Xylenes
Concen: 100.12 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion: 106 Resp: 286204
Ion Ratio Lower Upper
106 100
91 198.9 159.1 238.7





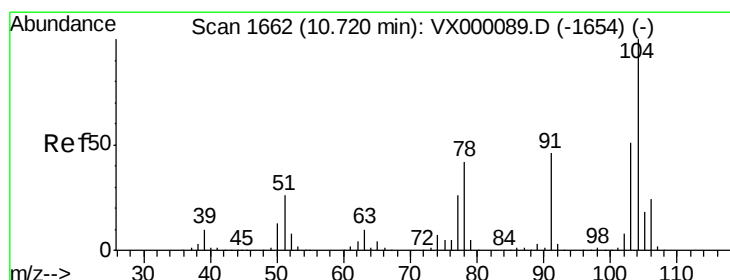
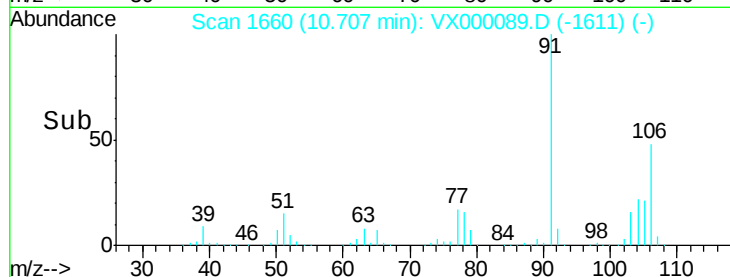
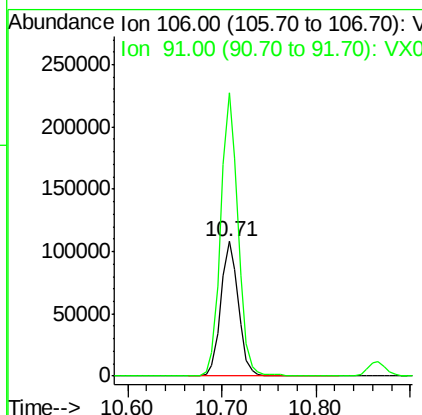
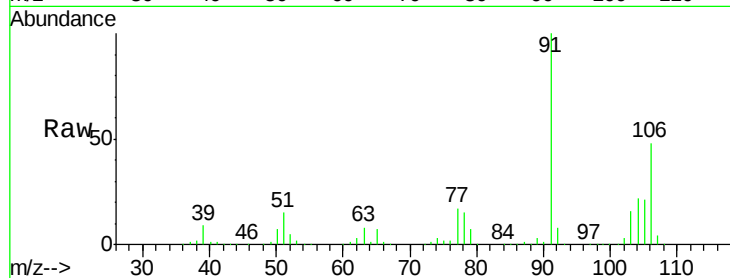
#69
o-Xylene
Concen: 50.66 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 139799
Ion Ratio Lower Upper
106 100
91 207.7 103.8 311.6

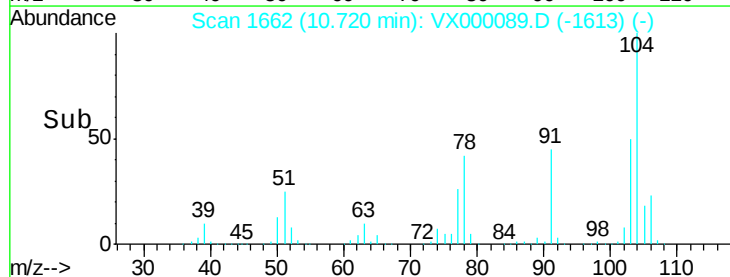
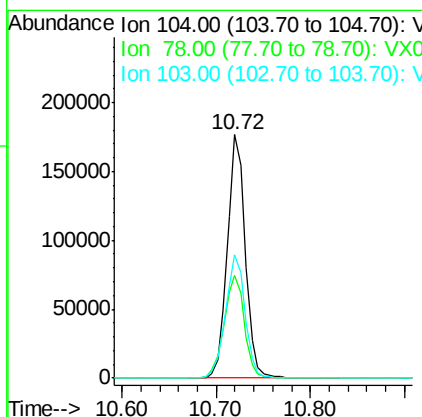
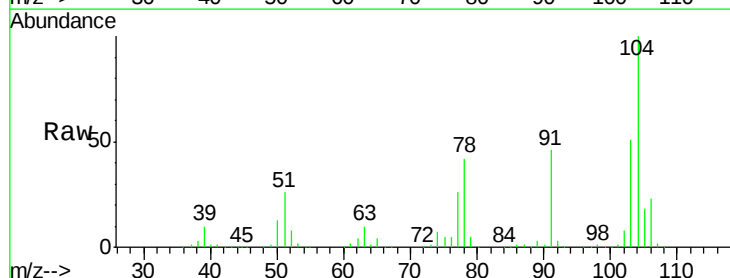
Manual Integrations
APPROVED

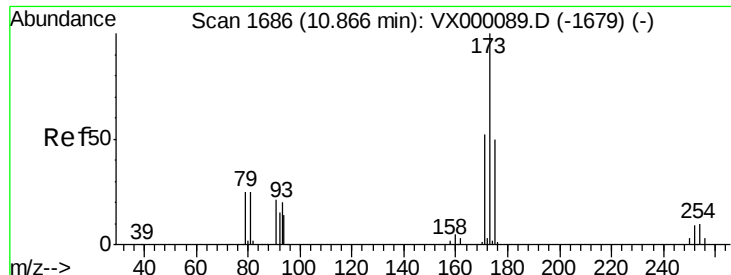
sam
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#70
Styrene
Concen: 50.30 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion:104 Resp: 233934
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 55.3 44.2 66.4





#71

Bromoform

Concen: 50.93 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion:173 Resp: 74117

Ion Ratio Lower Upper

173 100

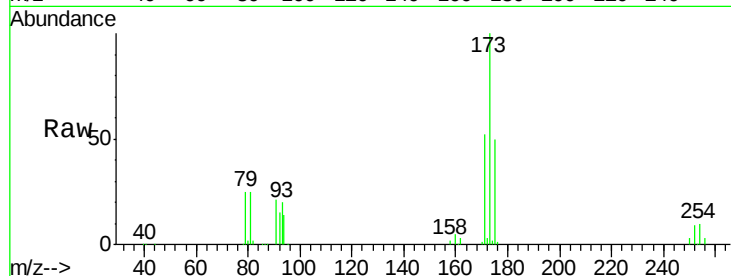
175 48.7 24.3 73.0

254 0.0 0.0 0.0#

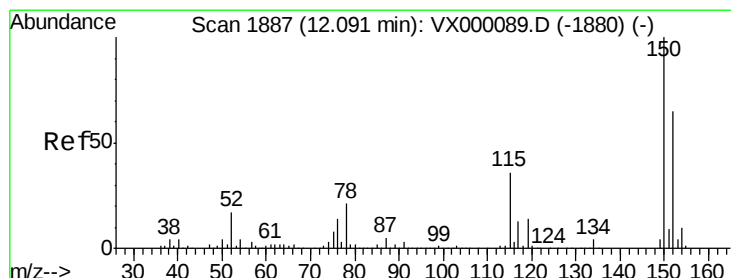
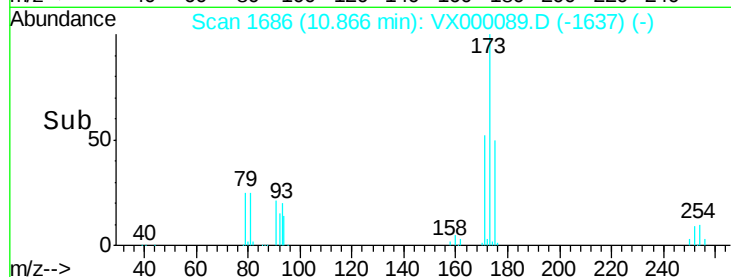
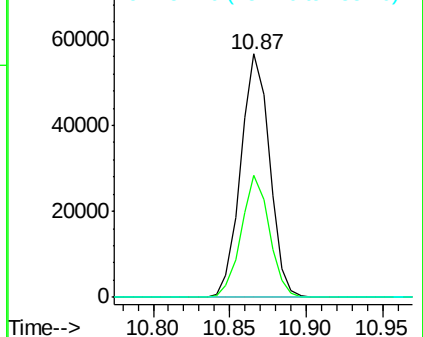
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

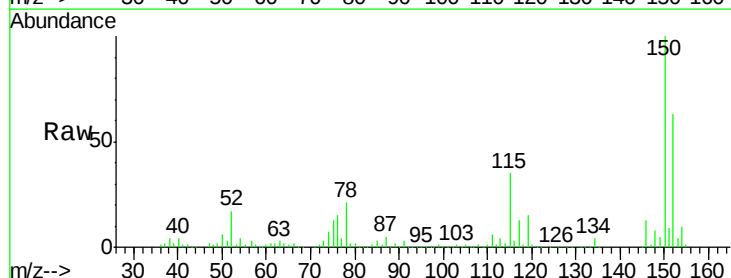
Tgt Ion:152 Resp: 120648

Ion Ratio Lower Upper

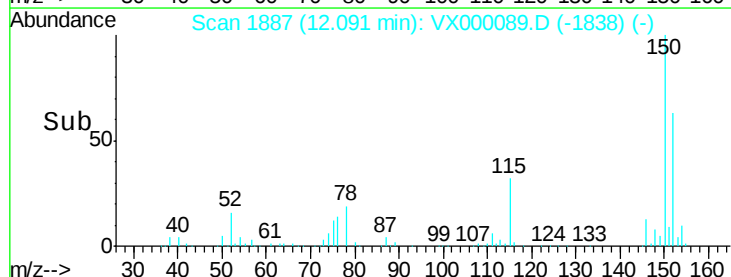
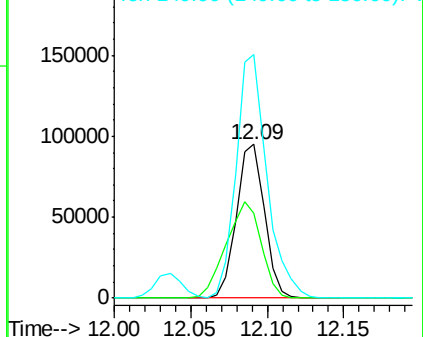
152 100

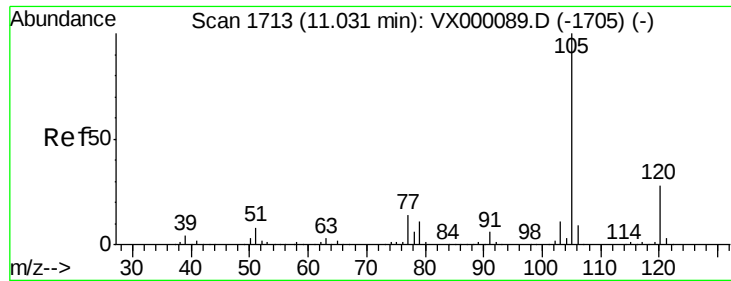
115 78.1 39.1 117.2

150 174.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.61 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :
VSTDICCC050

Tot Ion:105 Resp: 371990

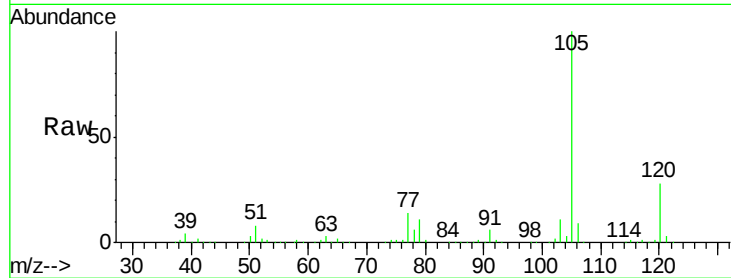
Ion Ratio Lower Upper

105 100

120 28.0 14.0 42.0

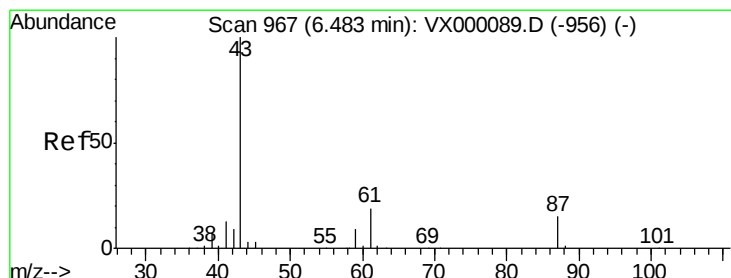
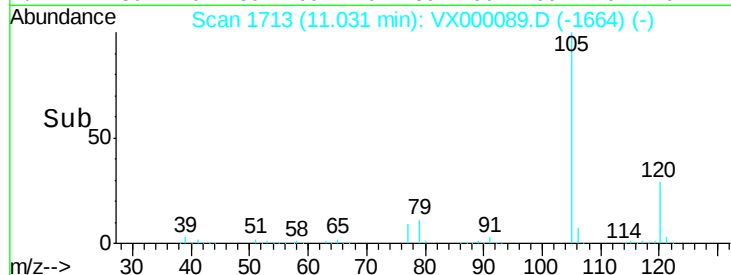
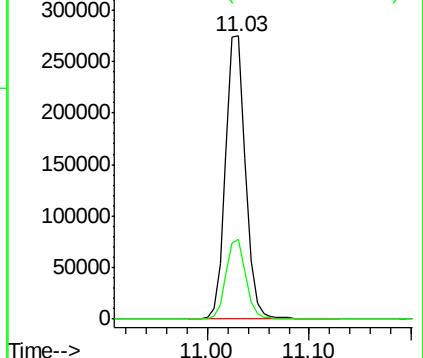
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.08 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion: 43 Resp: 181194

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

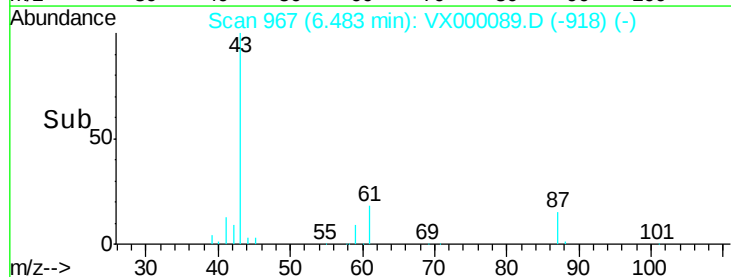
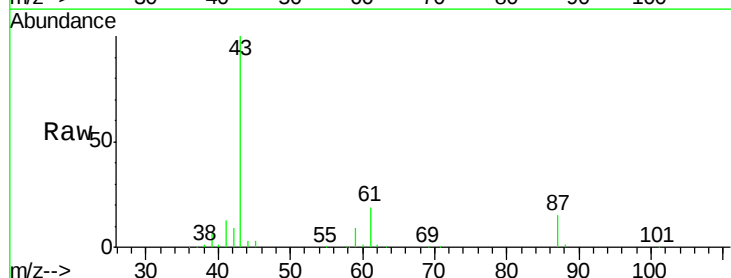
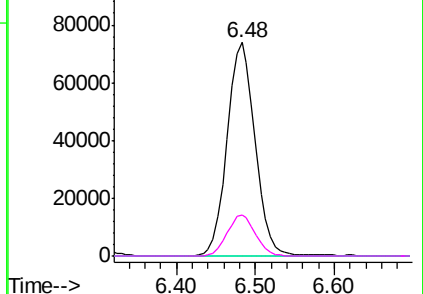
61 19.5 15.6 23.4

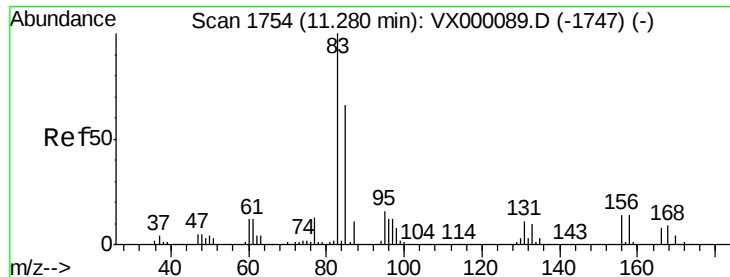
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.32 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

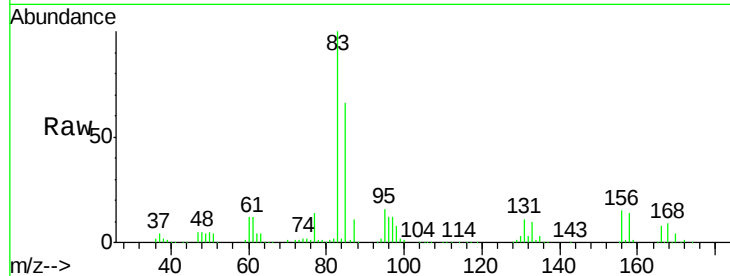
Instrument :

ClientSampled :
VSTDICCC050

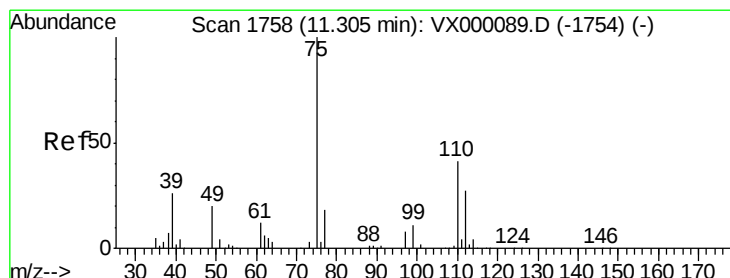
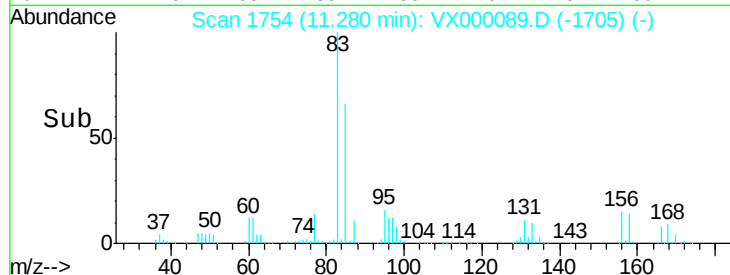
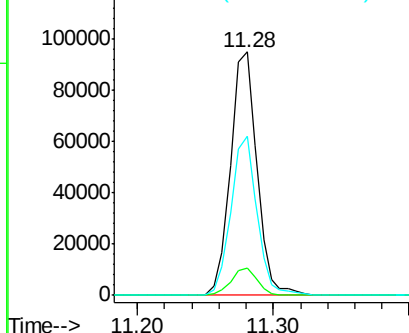
Tot Ion:	83	Resp:	128606
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.5	32.3	96.8

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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: 50.87 ug/l m

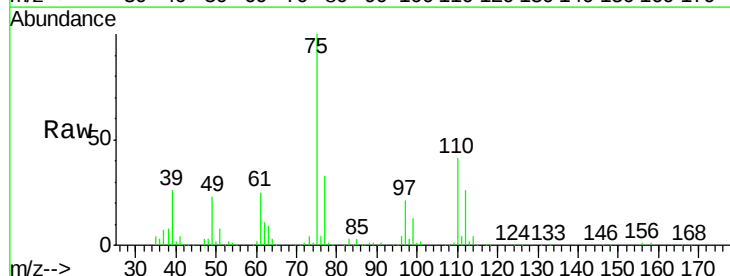
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

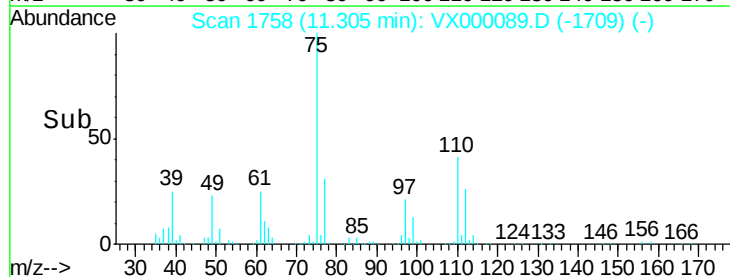
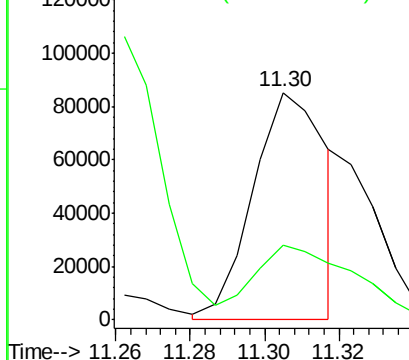
Lab File: VX000089.D

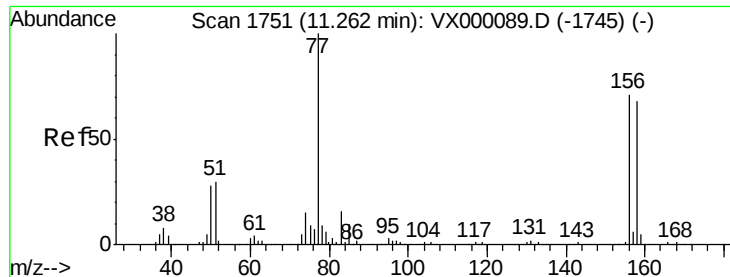
Acq: 14 Feb 2018 16:09

Tgt Ion:	75	Resp:	116434
Ion Ratio	Lower	Upper	
75	100		
77	45.5	22.8	68.3



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





#77

Bromobenzene

Concen: 49.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

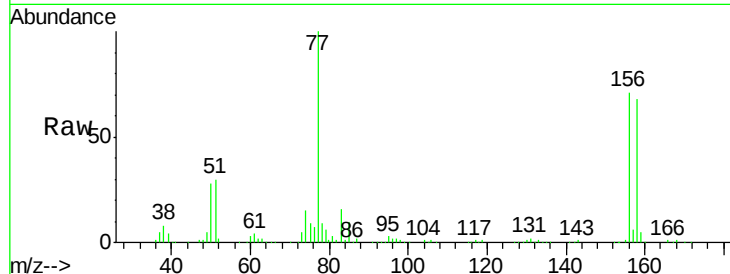
ClientSampled :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.0	67.0	201.0
158	96.6	48.3	144.9

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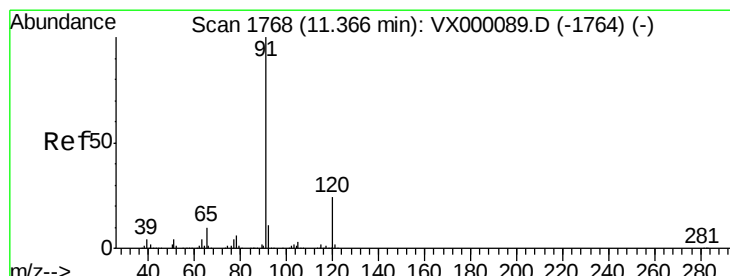
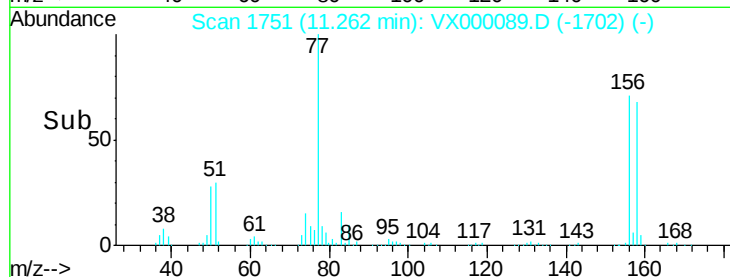
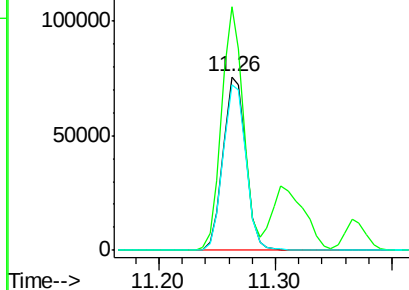
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.79 ug/l

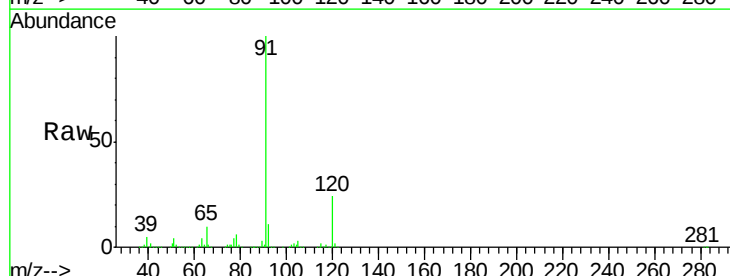
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000089.D

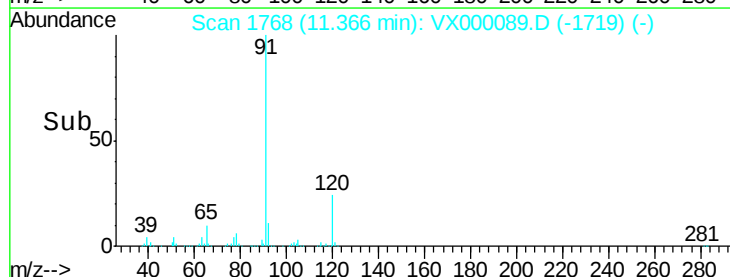
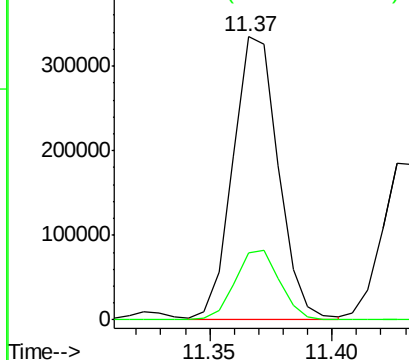
Acq: 14 Feb 2018 16:09

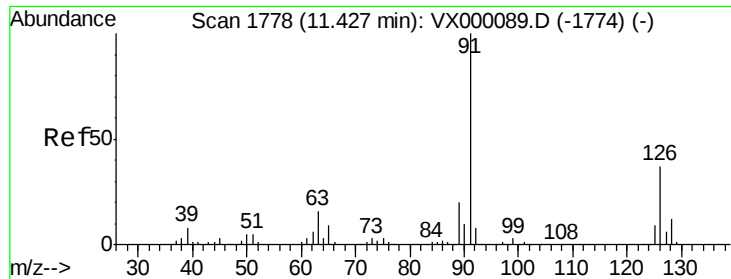
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





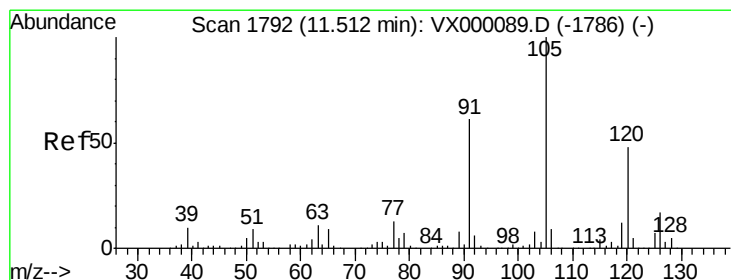
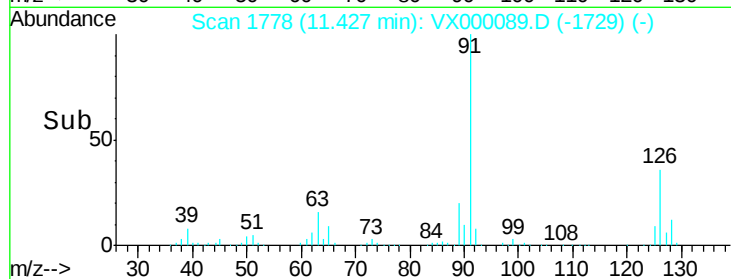
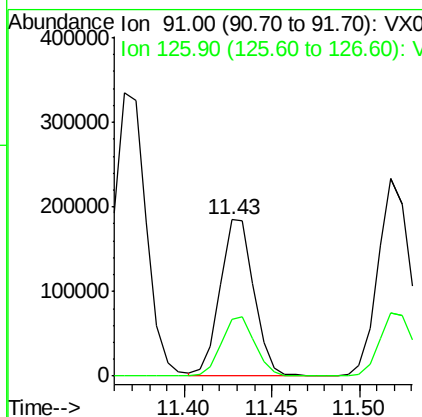
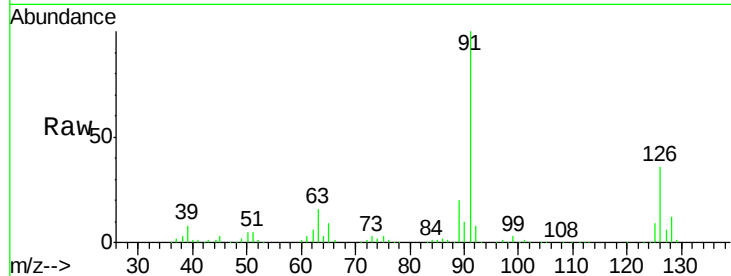
#79
 2-Chlorotoluene
 Concen: 49.00 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

Tot Ion: 91 Resp: 251519
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2

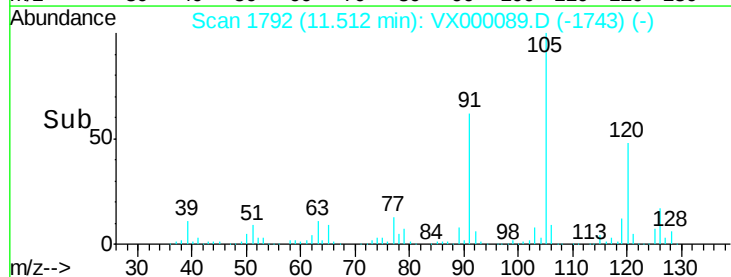
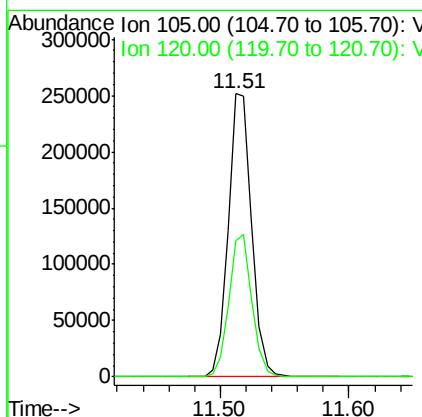
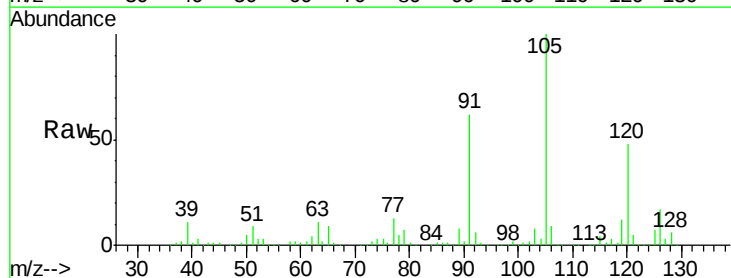
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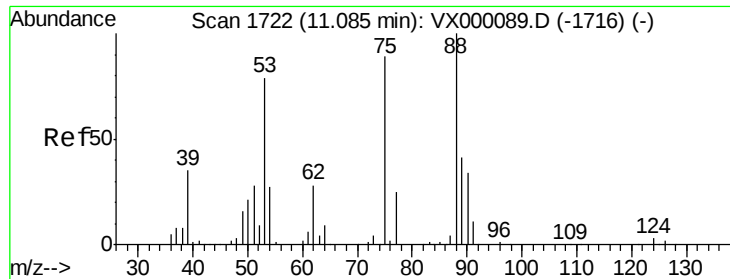
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.75 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion: 105 Resp: 319753
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





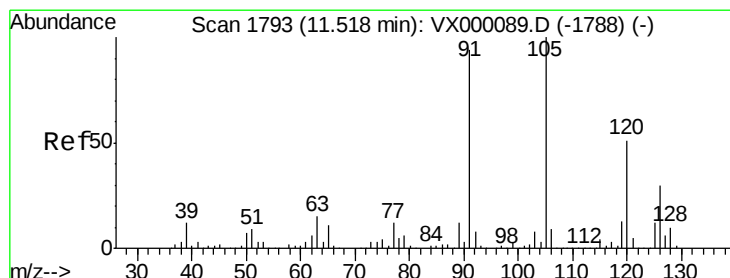
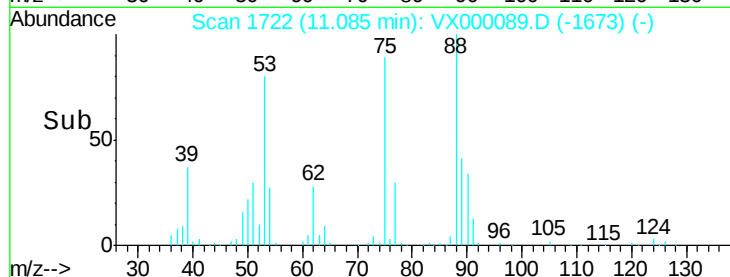
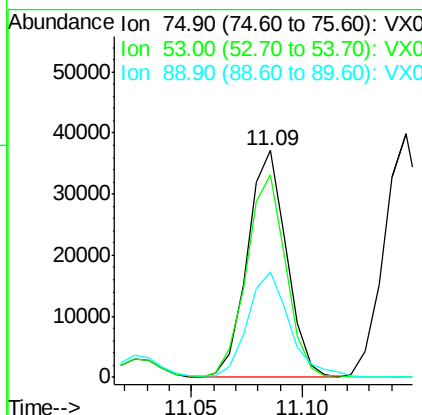
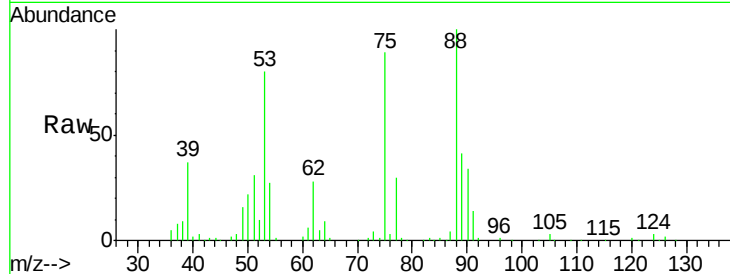
#81
trans-1,4-Dichloro-2-butene
Concen: 49.49 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	72.3	108.5
89	50.7	40.6	60.8

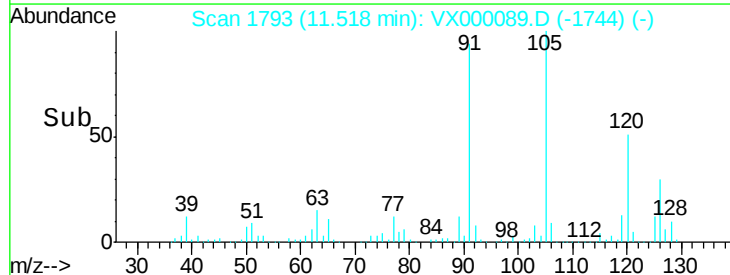
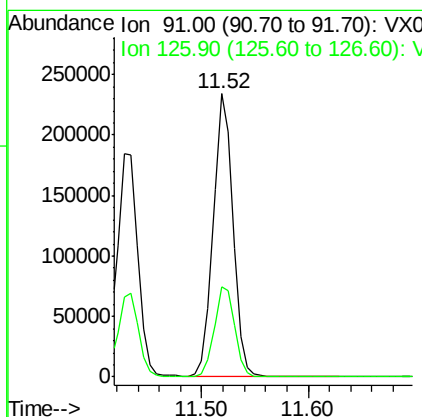
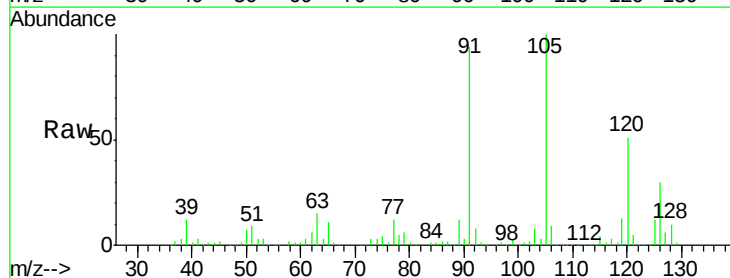
Manual Integrations
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#82
4-Chlorotoluene
Concen: 48.71 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0





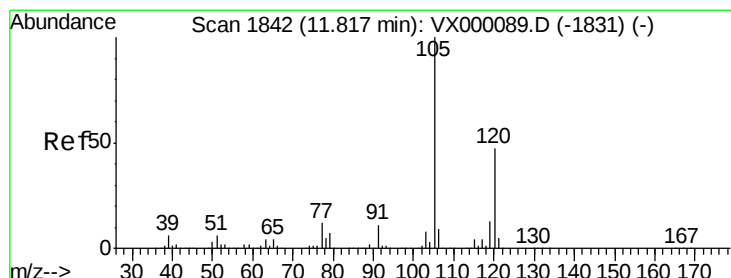
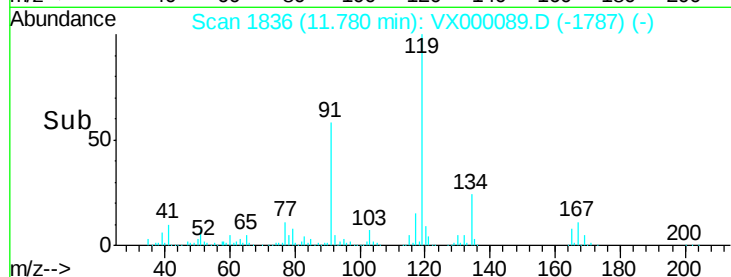
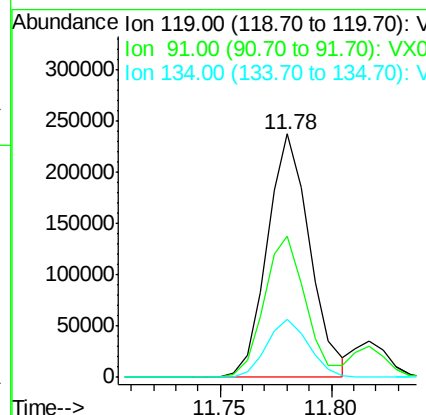
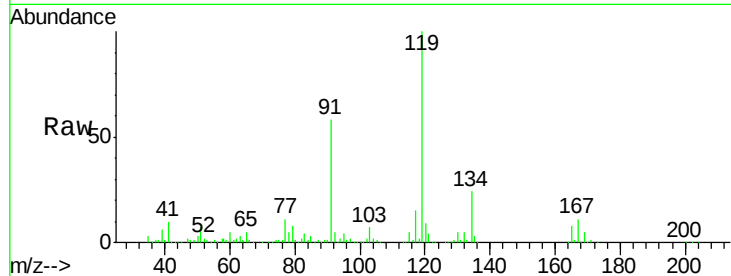
#83
 tert-Butylbenzene
 Concen: 48.70 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	315037		
91	56.8	28.4	85.2	
134	23.6	11.8	35.4	

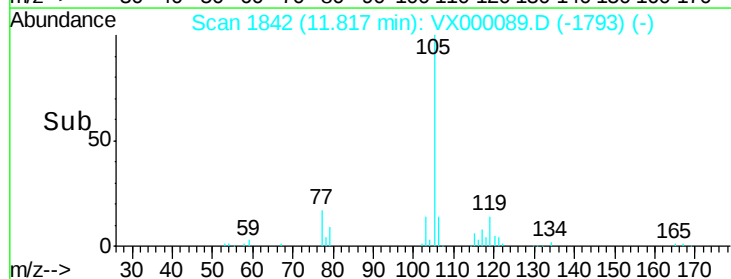
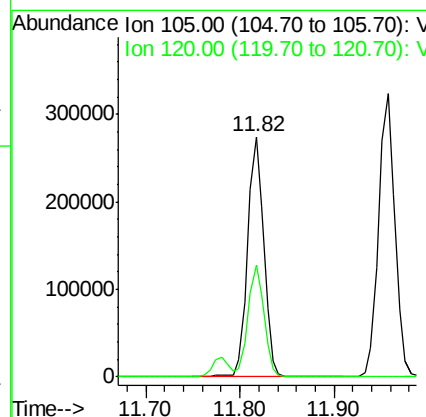
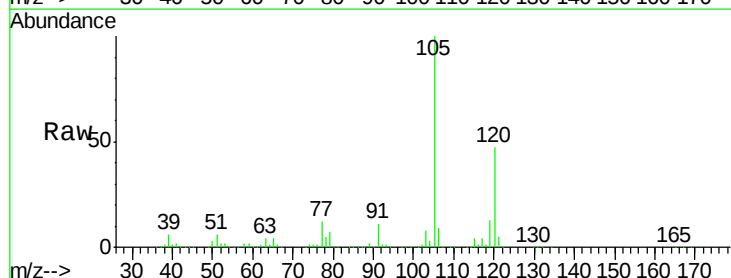
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.95 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328922		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 48.97 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 390674

Ion Ratio Lower Upper

105 100

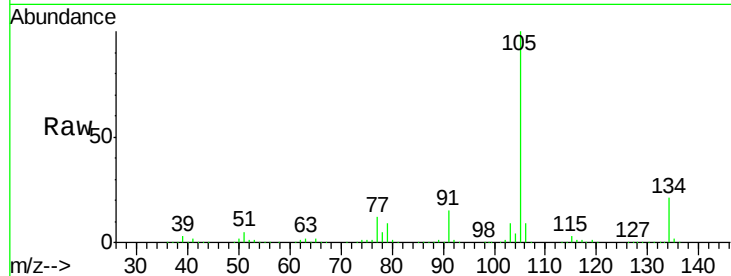
134 21.1 10.5 31.6

Manual Integrations

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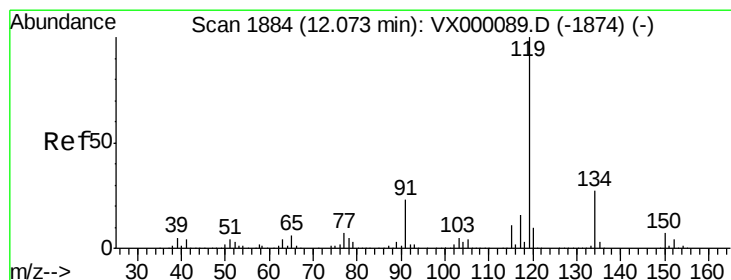
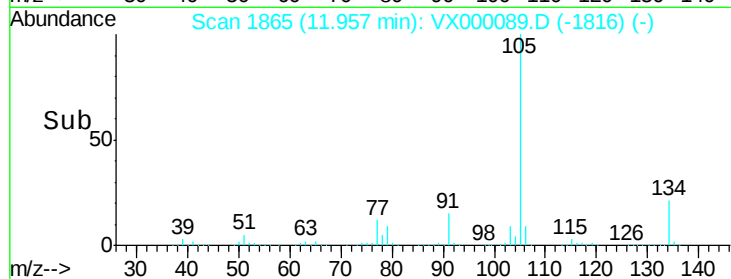
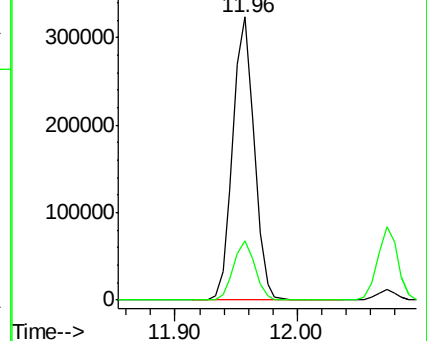
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.49 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

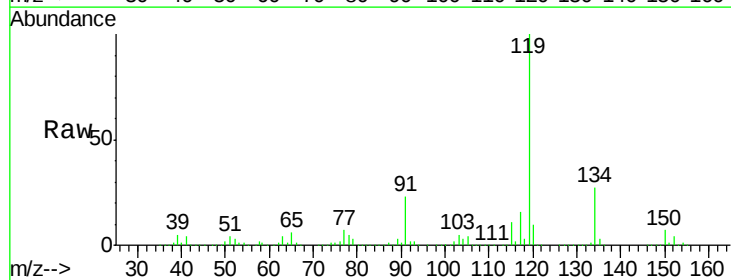
Tgt Ion:119 Resp: 355751

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

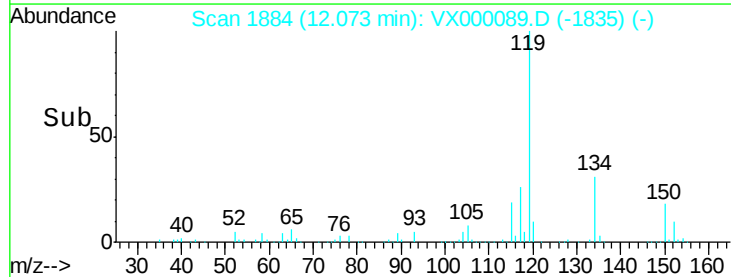
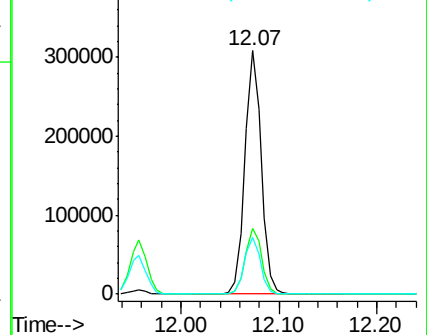
91 23.3 11.7 35.0

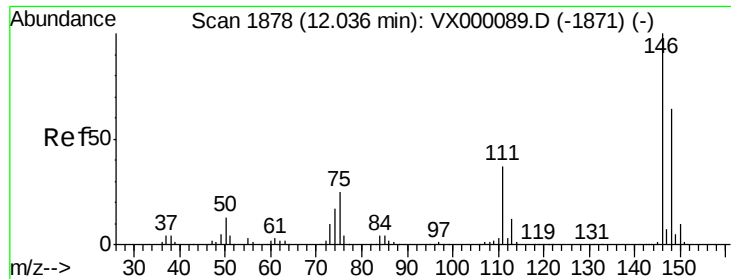


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.19 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Instrument :

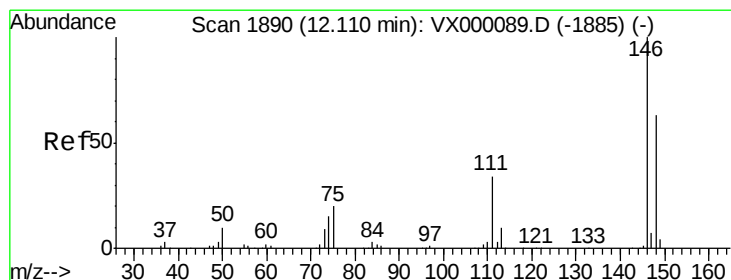
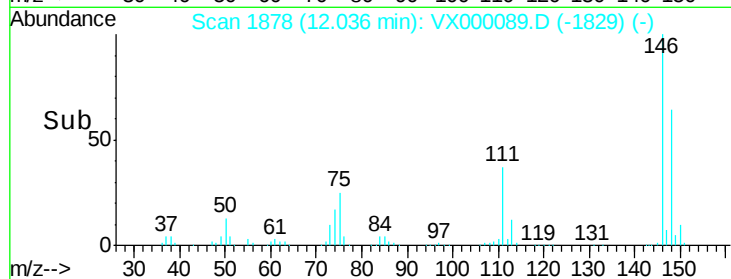
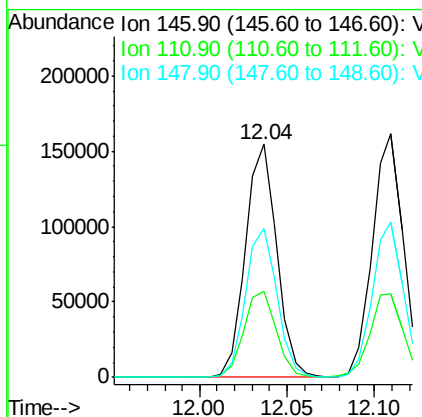
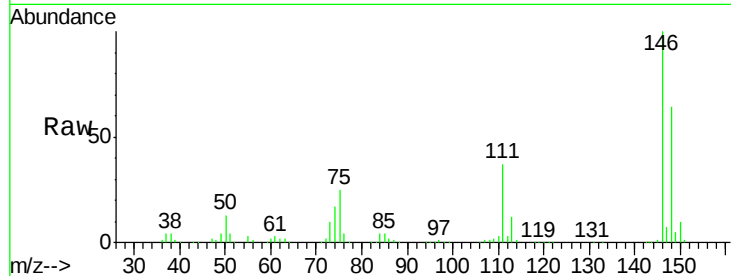
ClientSampled :

VSTDICCC050

Tot Ion:	146	Resp:	192629
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.1	57.3
148	64.4	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 49.28 ug/l

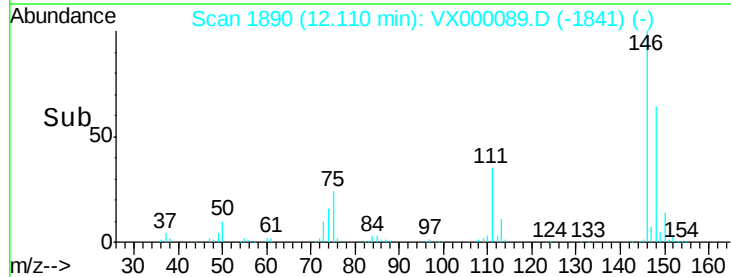
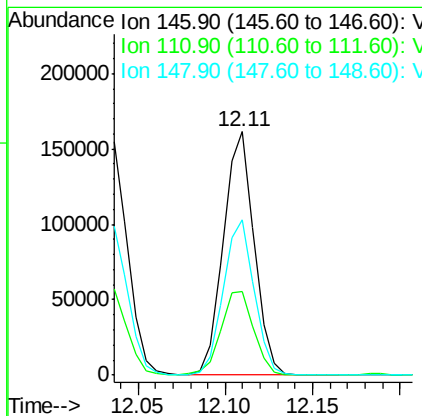
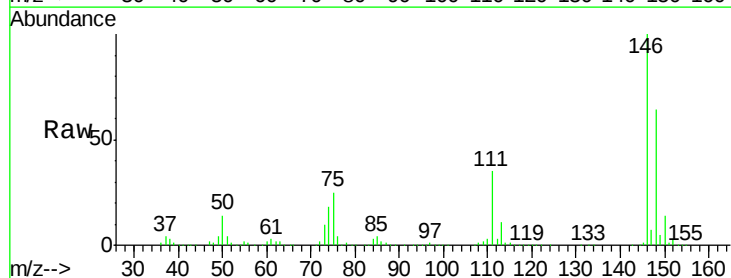
RT: 12.11 min Scan# 1890

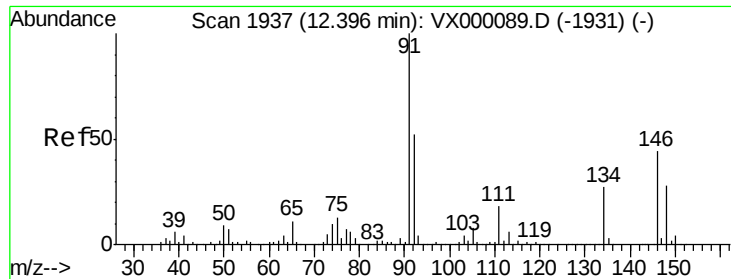
Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	146	Resp:	197690
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.4	55.0
148	63.9	31.9	95.9





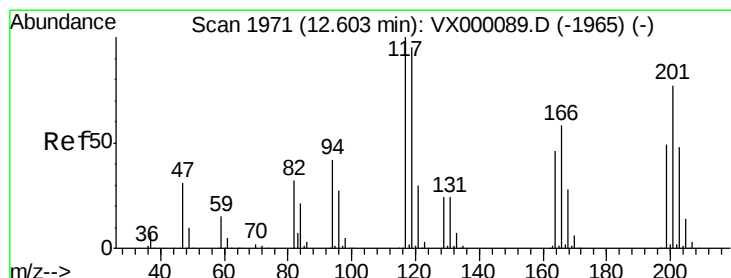
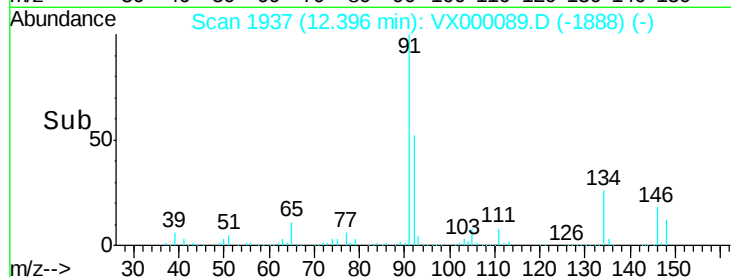
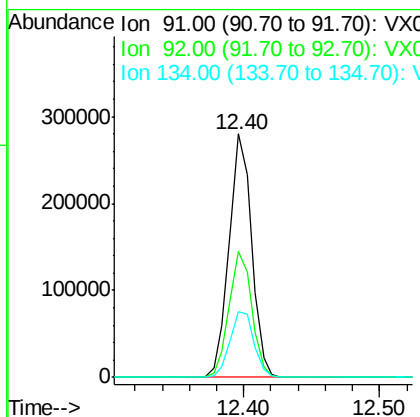
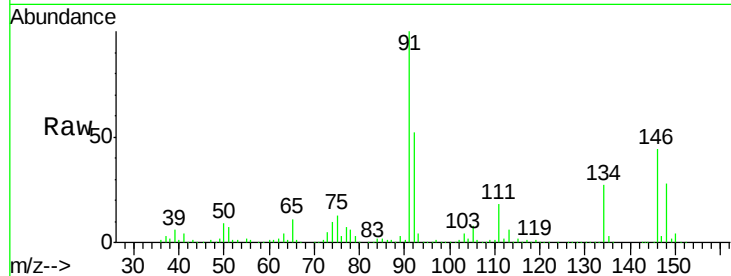
#89
n-Butylbenzene
Concen: 48.27 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Instrument :
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	323191		
92	52.4	26.2	78.6	
134	28.6	14.3	42.9	

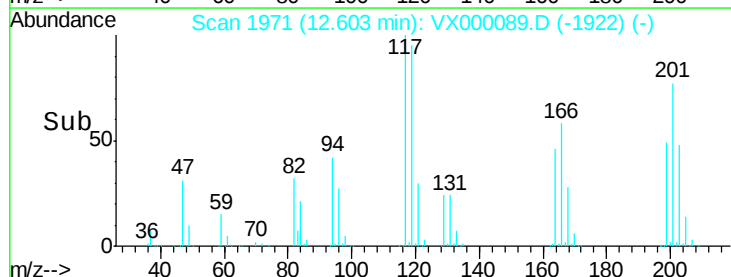
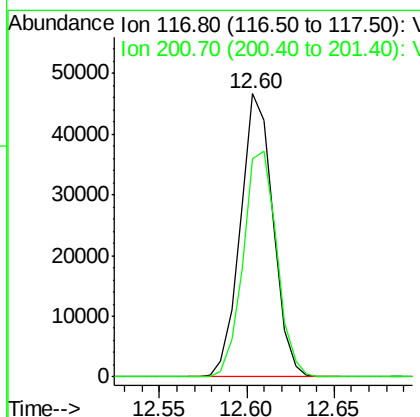
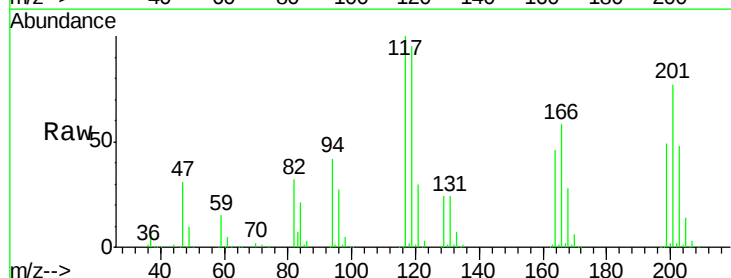
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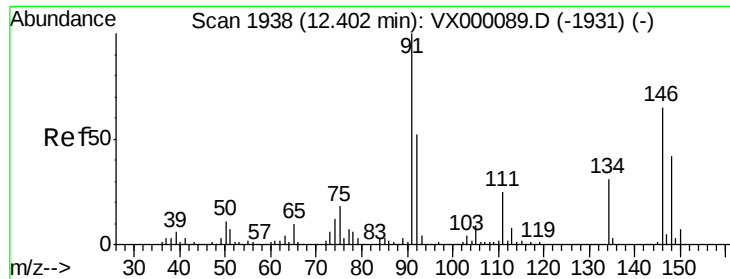
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#90
Hexachloroethane
Concen: 48.30 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60333		
201	82.3	41.1	123.4	





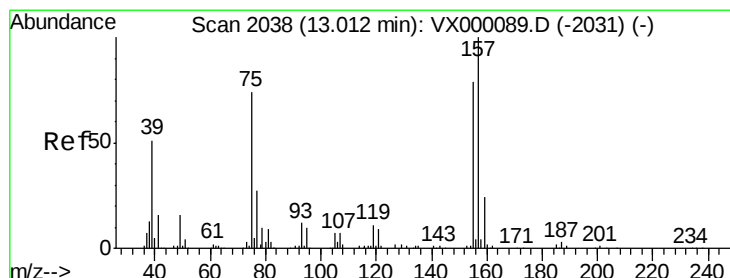
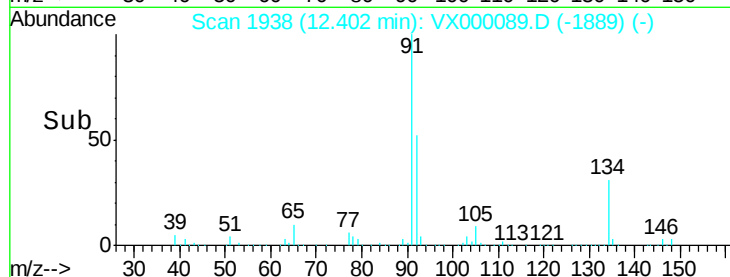
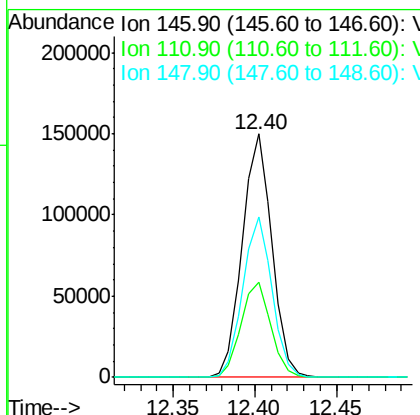
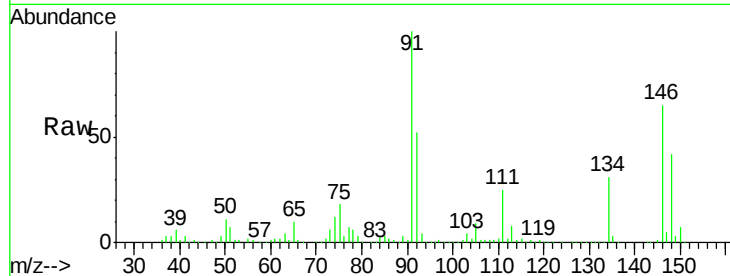
#91
 1,2-Dichlorobenzene
 Concen: 49.61 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	190073		
111	39.2	19.6	58.8	
148	64.7	32.4	97.0	

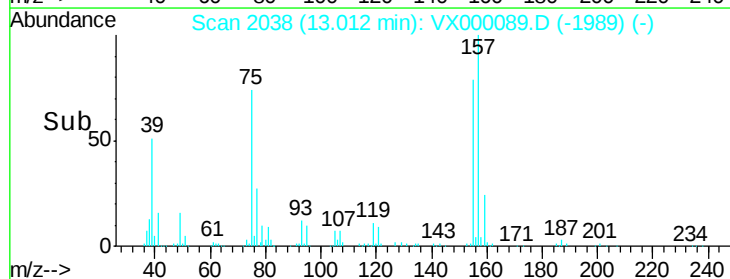
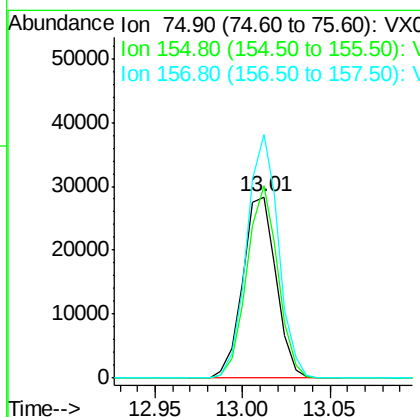
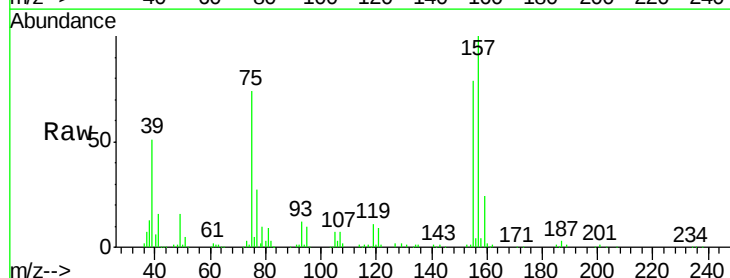
Manual Integrations
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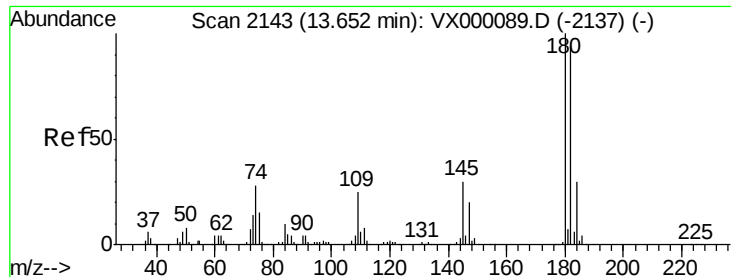
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.77 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37534		
155	98.6	49.3	147.9	
157	127.4	63.7	191.1	





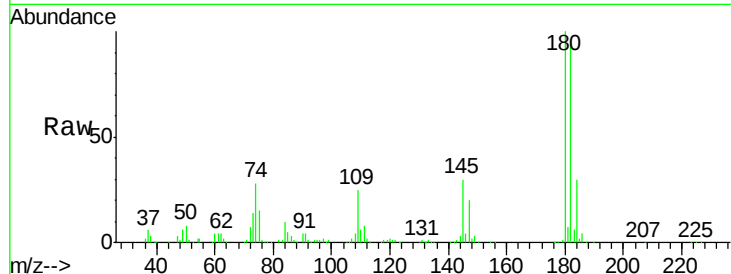
#93
 1,2,4-Trichlorobenzene
 Concen: 48.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Instrument :
 ClientSampled :
 VSTDICCC050

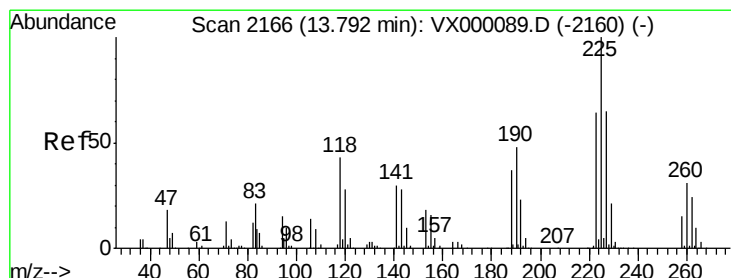
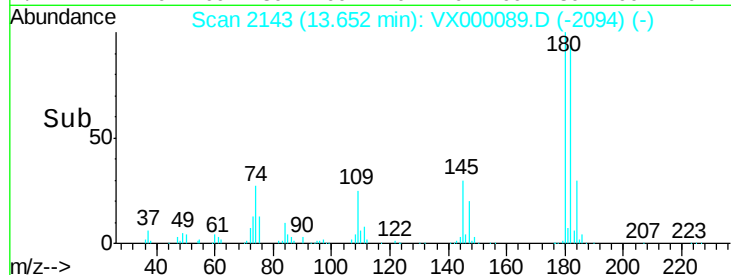
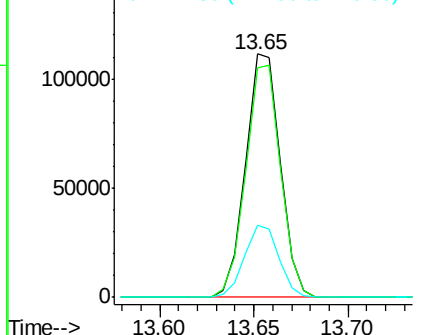
Tot Ion	Ratio	Resp	Lower	Upper
180	100	142206		
182	95.6	47.8	143.4	
145	29.4	14.7	44.1	

Manual Integrations
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sam
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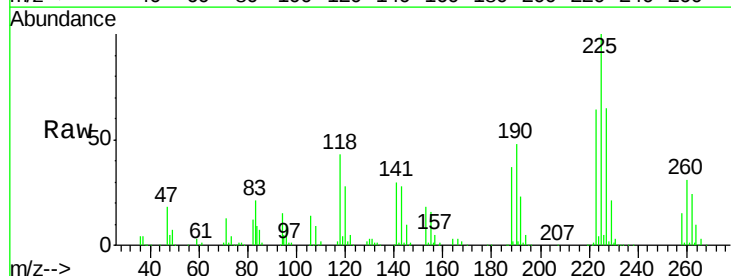


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

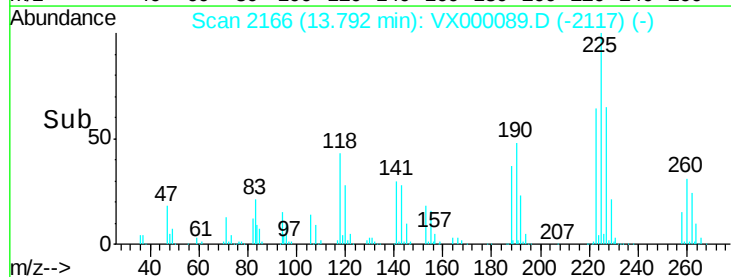
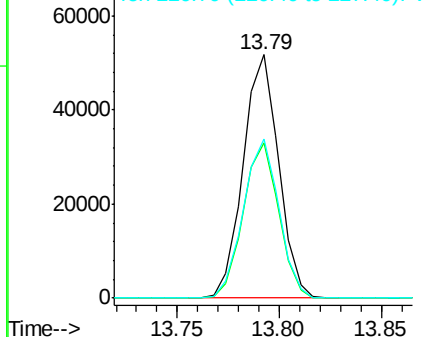


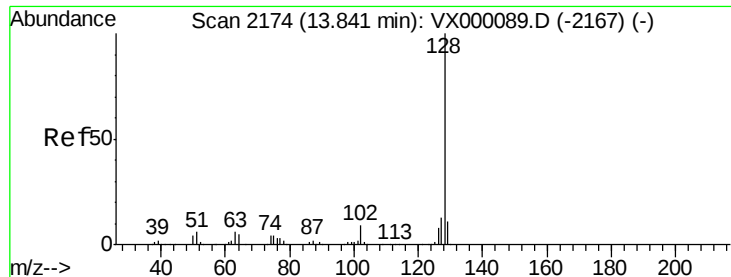
#94
 Hexachlorobutadiene
 Concen: 46.00 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 14 Feb 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62551		
223	63.8	31.9	95.7	
227	65.6	32.8	98.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

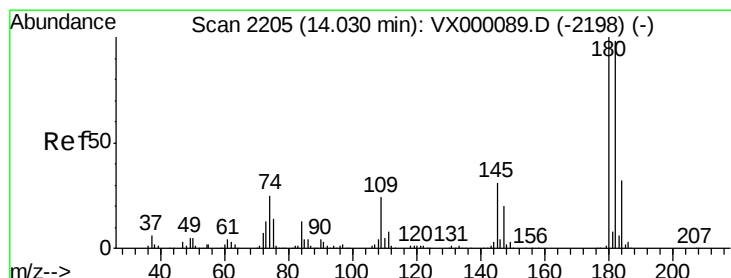
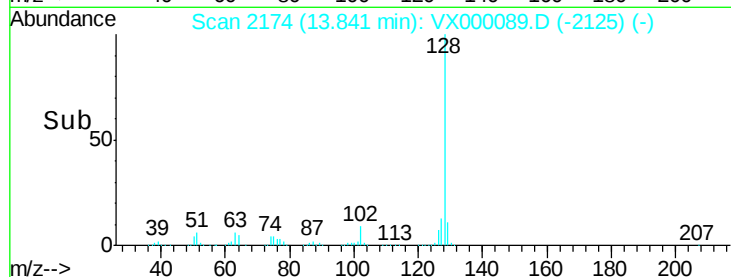
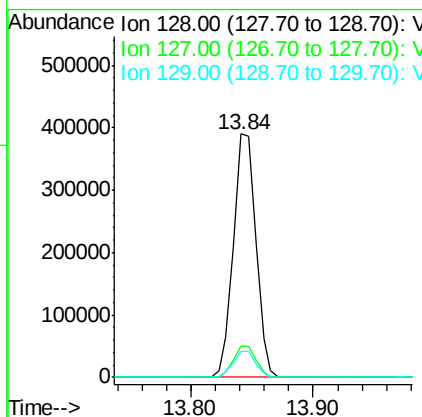
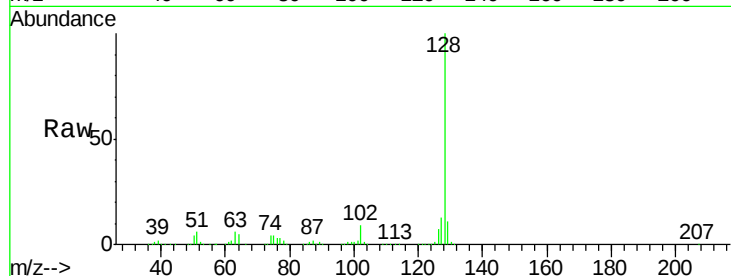
Instrument :

ClientSampled :
VSTDICCC050

Tot Ion:	128	Resp:	493138
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

sam
2/16/2018 1:20:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.53 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 14 Feb 2018 16:09

Tgt Ion:	180	Resp:	141498
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.2	144.6
145	30.6	15.3	45.9

