

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000091.D
 Acq On : 14 Feb 2018 17:30
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 2/16/2018 1:20:36 PM

Quant Time: Feb 15 03:21:57 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	5.67	168	134255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	211337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	150513	103.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.96%	
35) Dibromofluoromethane	5.51	113	132658	106.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.02%	
50) Toluene-d8	8.73	98	513449	109.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.48%	
62) 4-Bromofluorobenzene	11.15	95	209219	110.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	131006	104.91	ug/l	100
3) Chloromethane	1.32	50	118371	94.46	ug/l	97
4) Vinyl Chloride	1.41	62	138921	97.99	ug/l	96
5) Bromomethane	1.64	94	114162	136.23	ug/l	98
6) Chloroethane	1.71	64	89468	104.24	ug/l	99
7) Trichlorofluoromethane	1.92	101	242743	98.15	ug/l	98
8) Diethyl Ether	2.20	74	85446	95.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135664	97.16	ug/l	98
10) Methyl Iodide	2.51	142	173518	111.07	ug/l	99
11) Tert butyl alcohol	3.10	59	318865	545.93	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127202	96.34	ug/l	98
13) Acrolein	2.30	56	144870	496.84	ug/l	98
14) Allyl chloride	2.73	41	220340	95.58	ug/l	99
15) Acrylonitrile	3.16	53	511497	509.39	ug/l	100
16) Acetone	2.46	43	494534	561.11	ug/l	99
17) Carbon Disulfide	2.57	76	366440	95.89	ug/l	99
18) Methyl Acetate	2.79	43	231778	107.07	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	439908	97.23	ug/l	100
20) Methylene Chloride	2.86	84	135425	96.11	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138612	97.33	ug/l	96
22) Diisopropyl ether	3.89	45	367394	96.38	ug/l	99
23) Vinyl Acetate	3.84	43	1885711	546.54	ug/l	99
24) 1,1-Dichloroethane	3.70	63	229600	99.67	ug/l	99
25) 2-Butanone	4.73	43	703047	539.37	ug/l	99
26) 2,2-Dichloropropane	4.59	77	196450	97.21	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	135876	97.98	ug/l	97
28) Bromochloromethane	5.03	49	95623	115.69	ug/l	98
29) Tetrahydrofuran	5.18	42	466544	527.13	ug/l	100
30) Chloroform	5.23	83	242460	101.75	ug/l	98
31) Cyclohexane	5.58	56	191068	98.64	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	225100	100.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	178138	96.50	ug/l	99
37) Ethyl Acetate	4.88	43	245992	102.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	207279	100.54	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	223836	100.14	ug/l	96
40) Benzene	6.15	78	522809	100.33	ug/l	99
41) Methacrylonitrile	5.08	41	124733	100.93	ug/l	99
42) 1,2-Dichloroethane	6.21	62	188318	100.67	ug/l	100
43) Isopropyl Acetate	6.48	43	363400	100.58	ug/l	100
44) Trichloroethene	7.23	130	157220	98.30	ug/l	99
45) 1,2-Dichloropropane	7.52	63	129816	102.22	ug/l	100
46) Dibromomethane	7.67	93	101106	103.01	ug/l	97
47) Bromodichloromethane	7.91	83	194289	102.15	ug/l	99
48) Methyl methacrylate	7.79	41	177580	100.12	ug/l	98
49) 1,4-Dioxane	7.77	88	101729	2150.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1400175	552.90	ug/l	100
52) Toluene	8.79	92	363356	103.64	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	228359	102.87	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	228923	105.78	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	149655	101.90	ug/l	99
56) Ethyl methacrylate	9.20	69	241916	107.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	233195	101.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	574595	515.54	ug/l	100
59) 2-Hexanone	9.51	43	1220917	588.71	ug/l	99
60) Dibromochloromethane	9.59	129	182253	107.97	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167886	104.23	ug/l	99
64) Tetrachloroethene	9.34	164	149372	95.81	ug/l	98
65) Chlorobenzene	10.15	112	429693	98.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	158937	101.29	ug/l	99
67) Ethyl Benzene	10.26	91	718597	99.07	ug/l	100
68) m/p-Xylenes	10.37	106	580644	201.07	ug/l	98
69) o-Xylene	10.71	106	281736	101.07	ug/l	100
70) Styrene	10.72	104	481129	102.40	ug/l	100
71) Bromoform	10.87	173	164188	111.67	ug/l #	100
73) Isopropylbenzene	11.03	105	759965	93.63	ug/l	99
74) N-amyl acetate	6.48	43	363400	89.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	274591	99.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	285093m	117.42	ug/l	
77) Bromobenzene	11.27	156	210649	95.75	ug/l	99
78) n-propylbenzene	11.37	91	885114	93.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	512336	94.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	651009	95.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	101909	105.25	ug/l	98
82) 4-Chlorotoluene	11.52	91	623275	95.72	ug/l	99
83) tert-Butylbenzene	11.78	119	648091	94.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	679266	97.25	ug/l	99
85) sec-Butylbenzene	11.96	105	802965	94.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	727246	95.37	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	400851	96.51	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	410891	96.56	ug/l	100
89) n-Butylbenzene	12.40	91	680321	95.79	ug/l	100
90) Hexachloroethane	12.61	117	128862	97.26	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	396285	97.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	79279	99.10	ug/l	99

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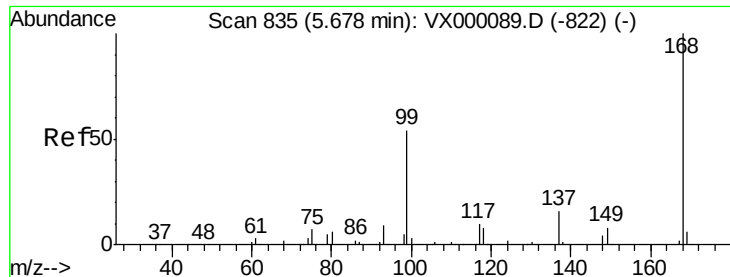
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	299712	96.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	134318	93.11	ug/l	98
95) Naphthalene	13.85	128	1019094	99.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	297149	98.05	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 134255

Ion Ratio Lower Upper

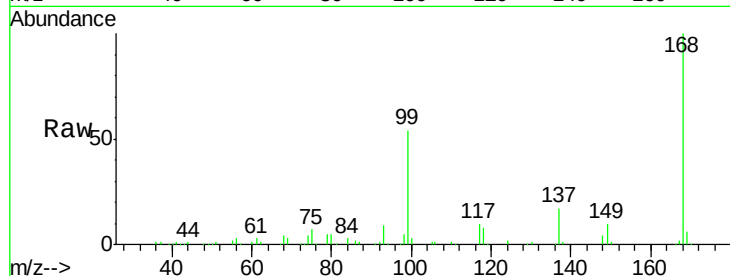
168 100

99 53.7 43.1 64.7

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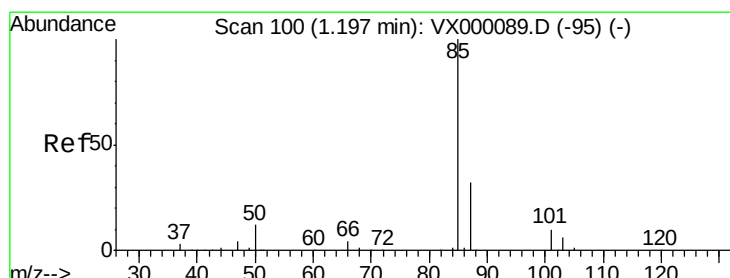
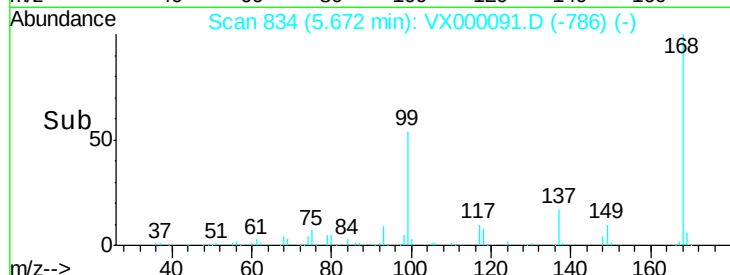
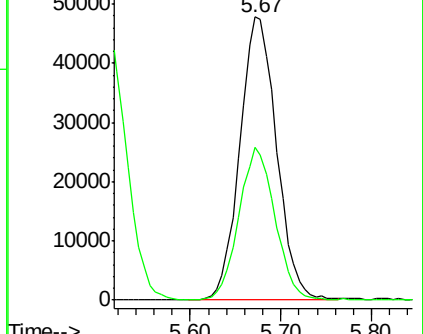
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 104.91 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000091.D

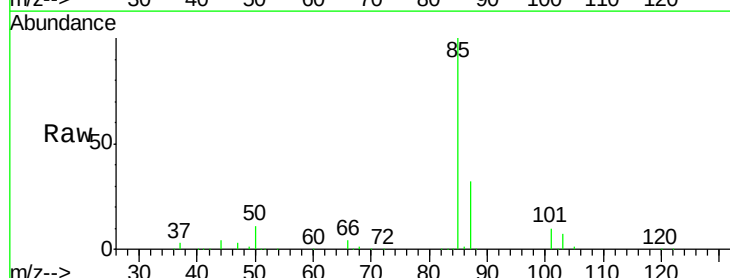
Acq: 14 Feb 2018 17:30

Tgt Ion: 85 Resp: 131006

Ion Ratio Lower Upper

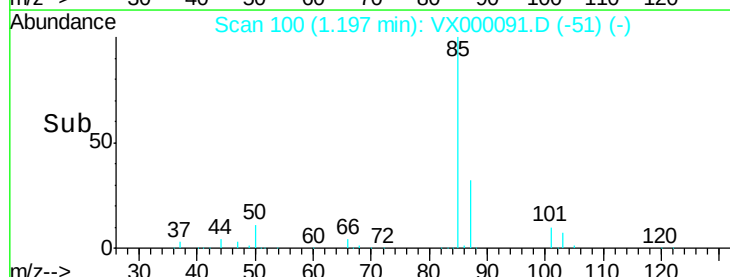
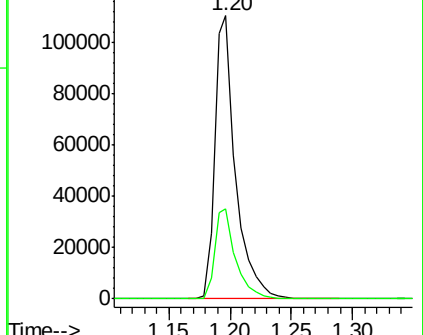
85 100

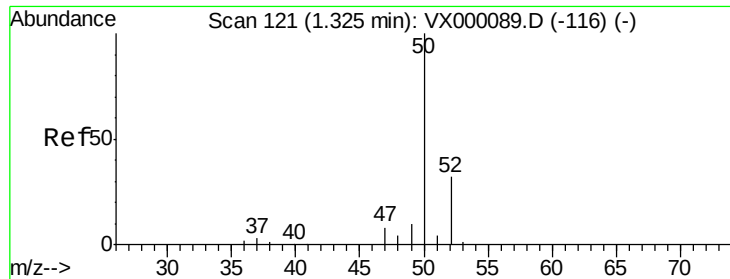
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 94.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 118371

Ion Ratio Lower Upper

50 100

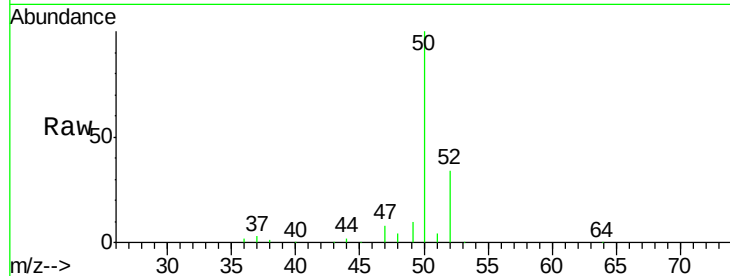
52 33.8 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

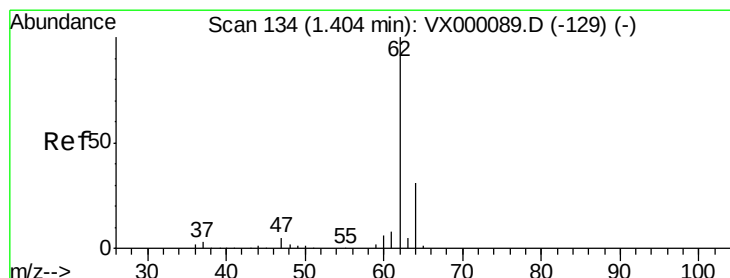
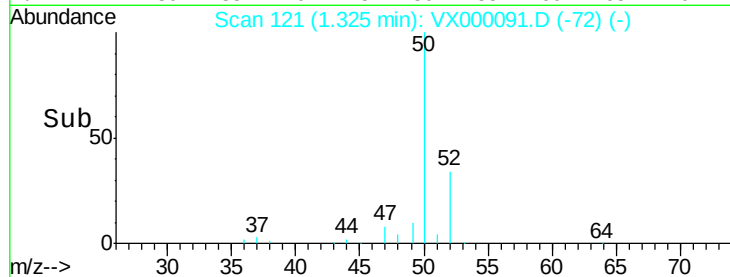
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 97.99 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000091.D

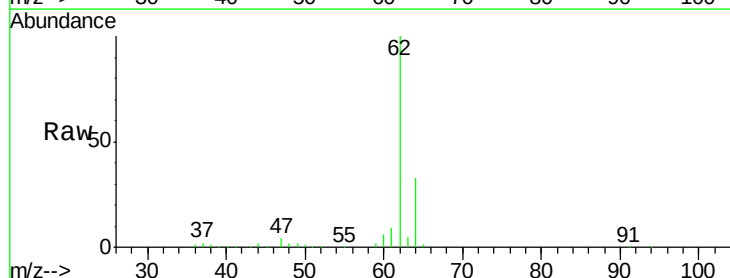
Acq: 14 Feb 2018 17:30

Tgt Ion: 62 Resp: 138921

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

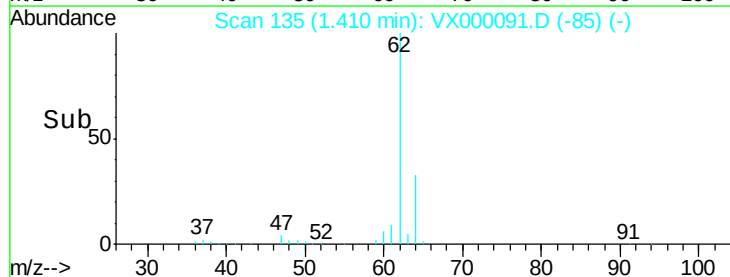
100000

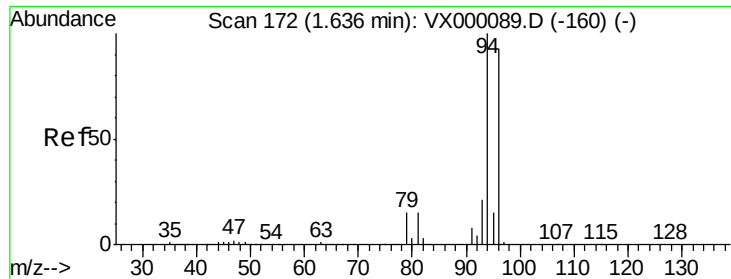
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 136.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 114162

Ion Ratio Lower Upper

94 100

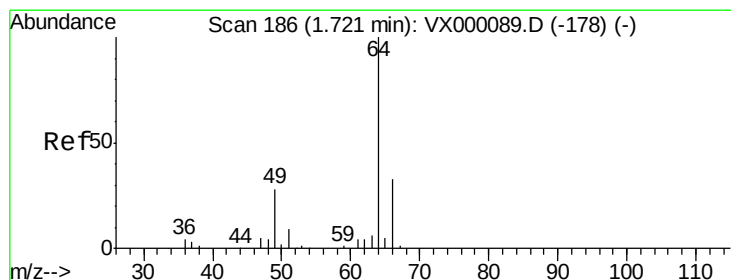
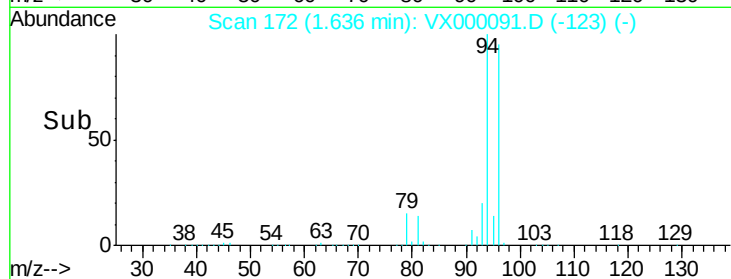
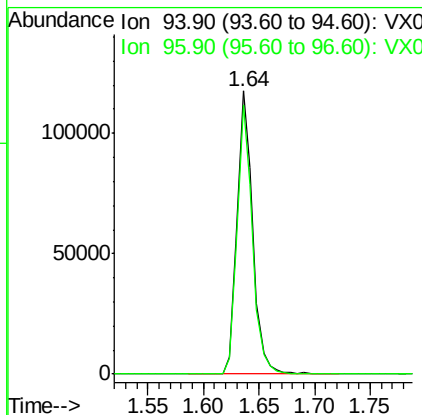
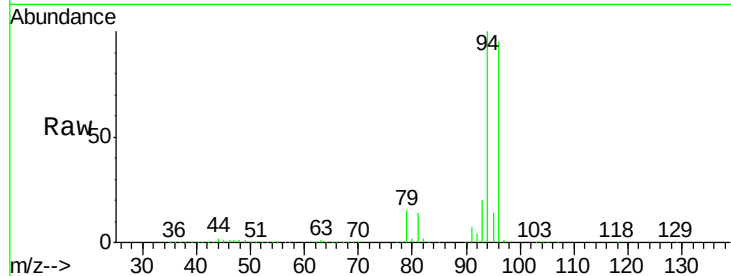
96 95.1 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 104.24 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX000091.D

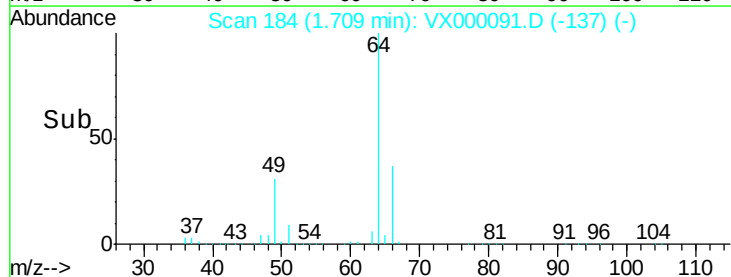
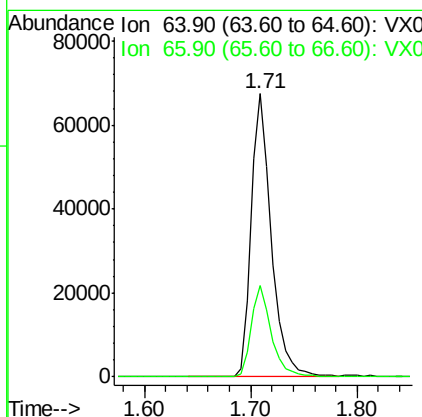
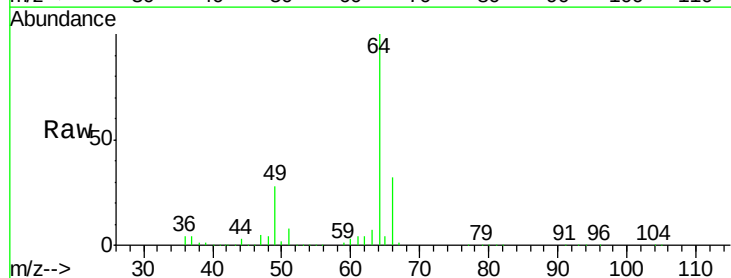
Acq: 14 Feb 2018 17:30

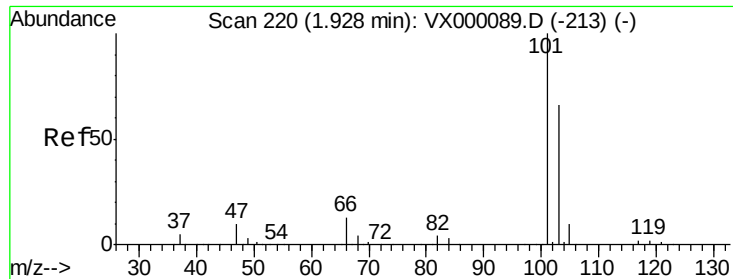
Tgt Ion: 64 Resp: 89468

Ion Ratio Lower Upper

64 100

66 32.0 26.0 39.0





#7

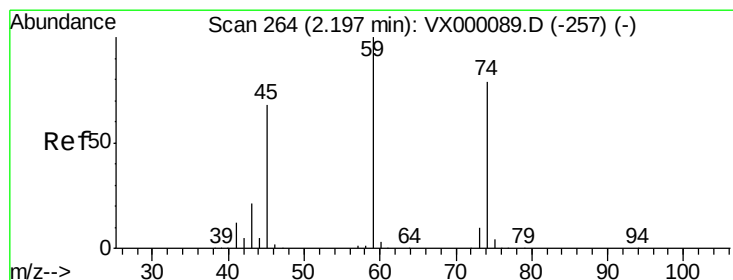
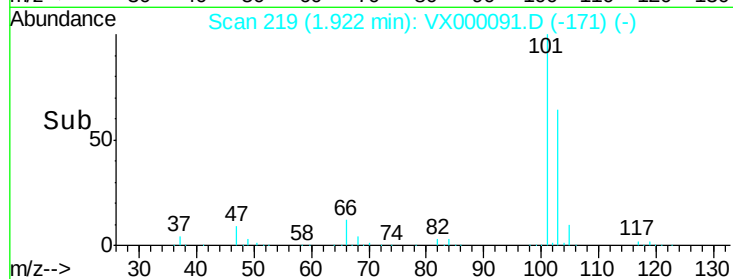
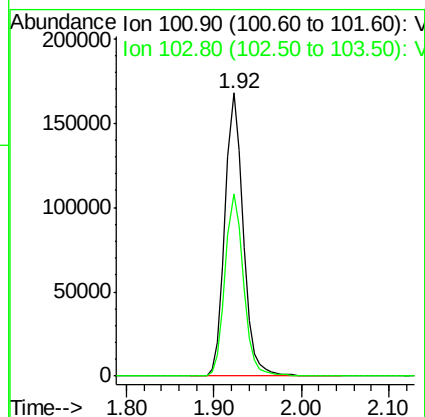
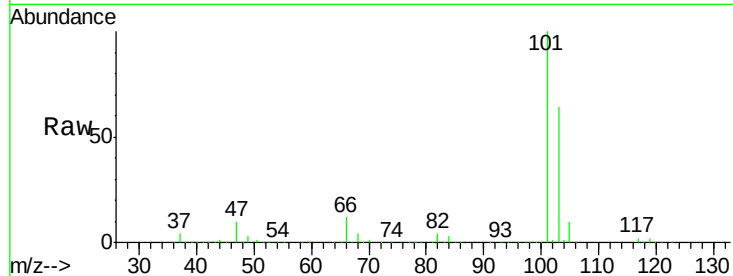
Trichlorofluoromethane
Concen: 98.15 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion:101 Resp: 242743
Ion Ratio Lower Upper
101 100
103 64.3 52.7 79.1

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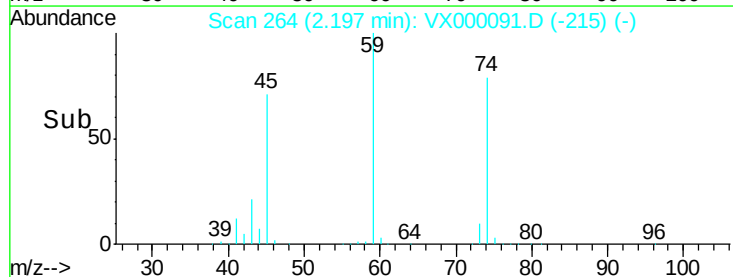
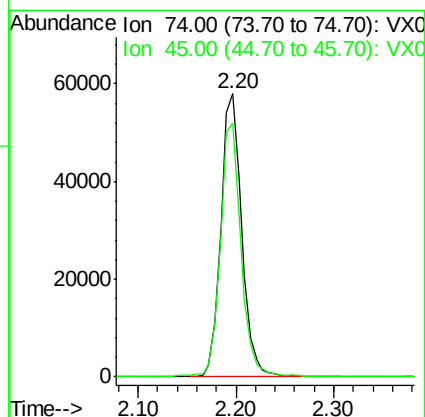
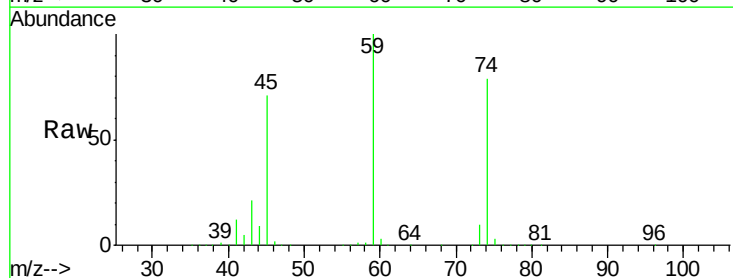
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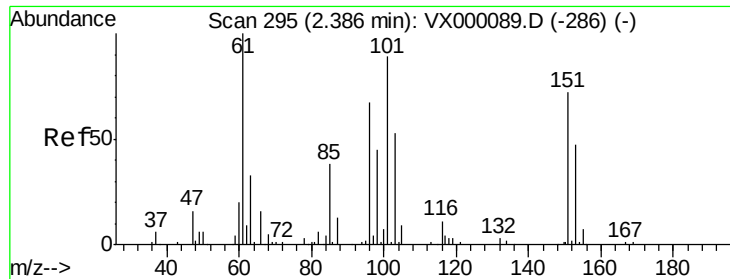


#8

Diethyl Ether
Concen: 95.86 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion: 74 Resp: 85446
Ion Ratio Lower Upper
74 100
45 90.8 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.16 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

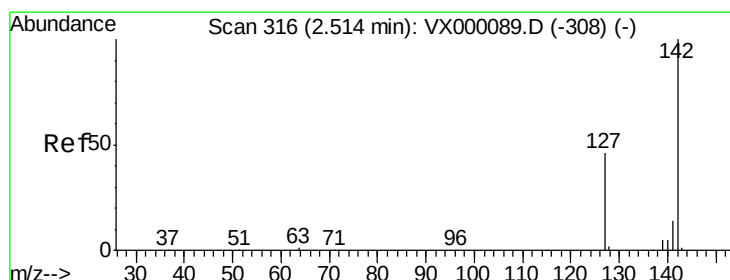
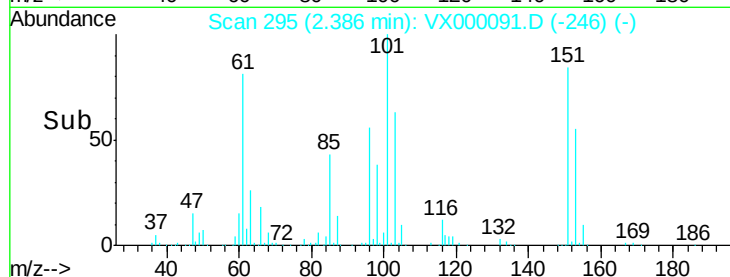
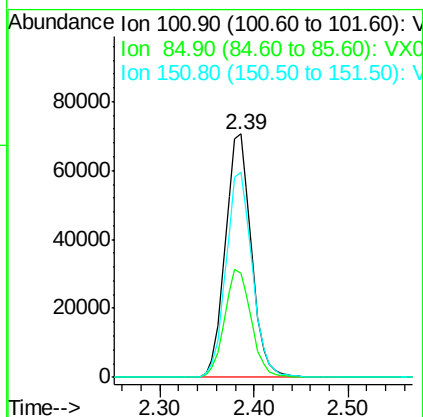
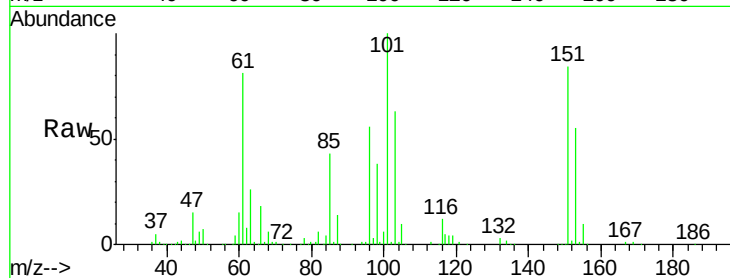
ClientSampled :

VSTDIC100

Tot Ion:	101	Resp:	135664
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.7	55.1
151	85.1	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 111.07 ug/l

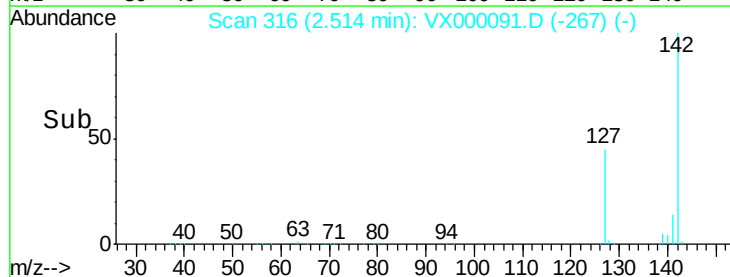
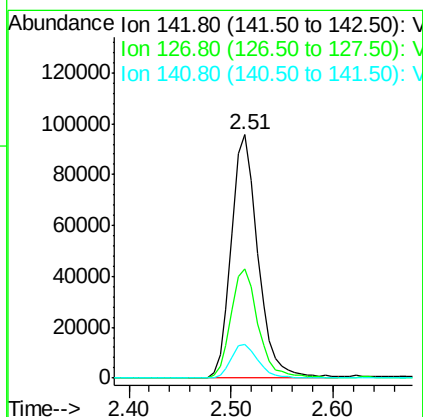
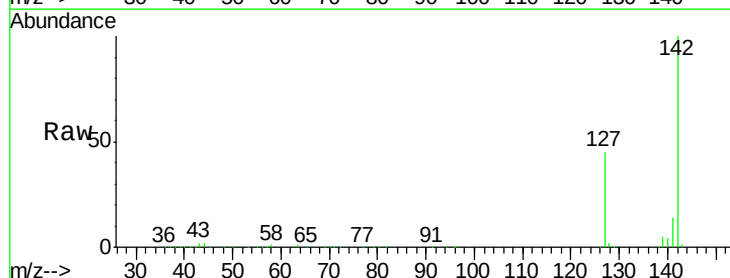
RT: 2.51 min Scan# 316

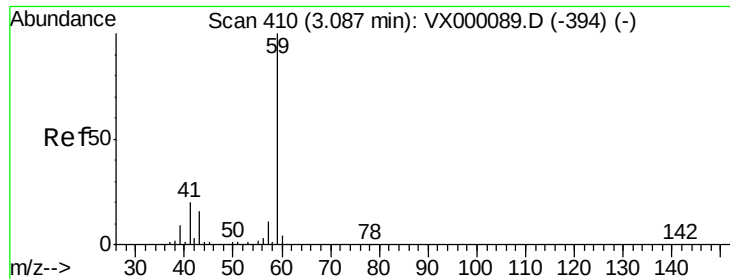
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	142	Resp:	173518
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.8	55.2
141	14.2	11.6	17.4





#11

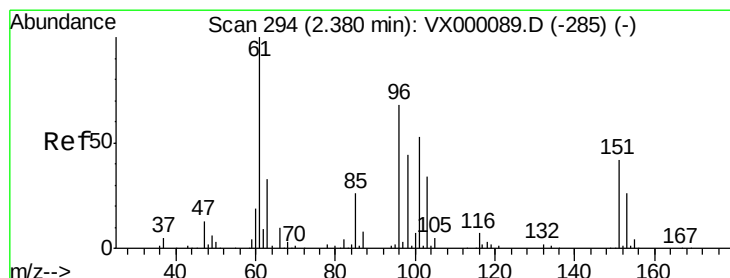
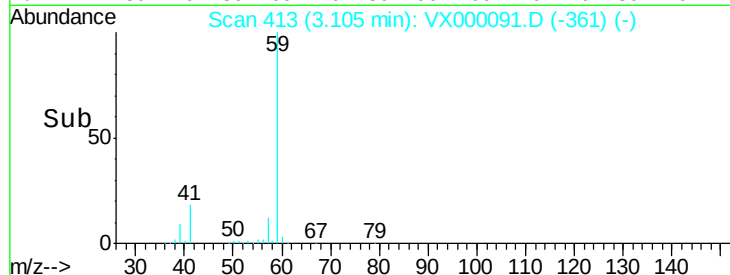
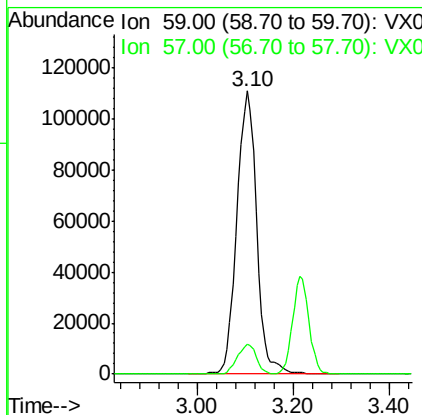
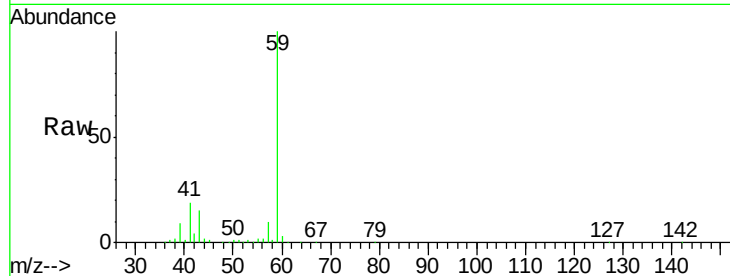
Tert butyl alcohol
Concen: 545.93 ug/l
RT: 3.10 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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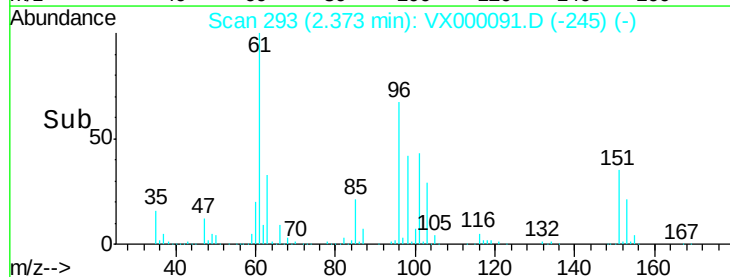
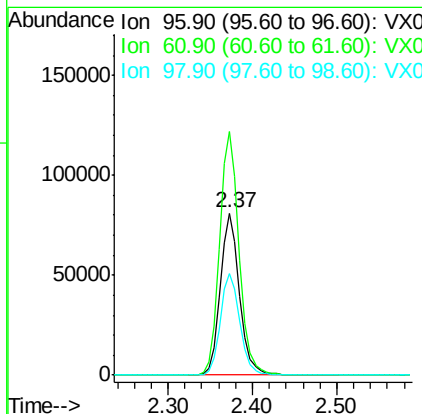
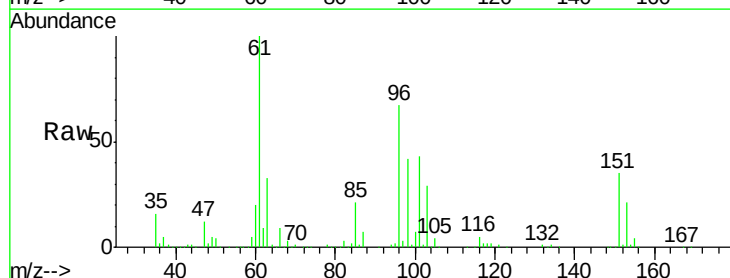
sam
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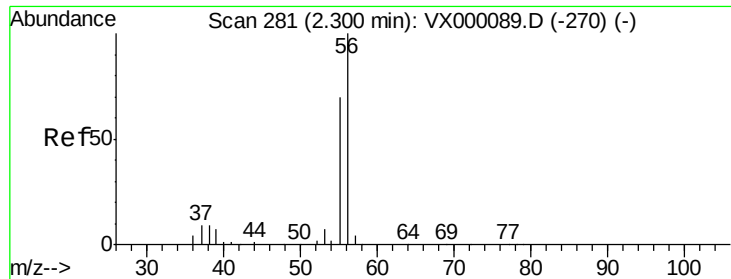


#12

1,1-Dichloroethene
Concen: 96.34 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.0	117.7	176.5
98	62.5	51.3	76.9





#13

Acrolein

Concen: 496.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 144870

Ion Ratio Lower Upper

56 100

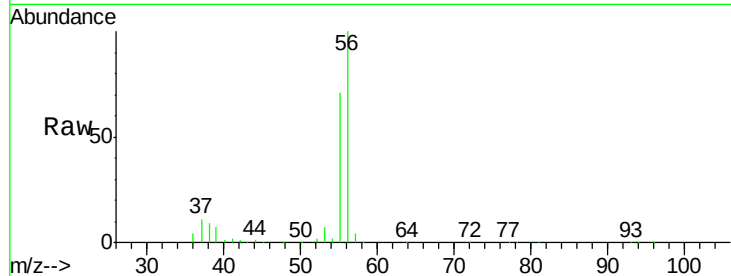
55 71.6 56.2 84.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

100000

80000

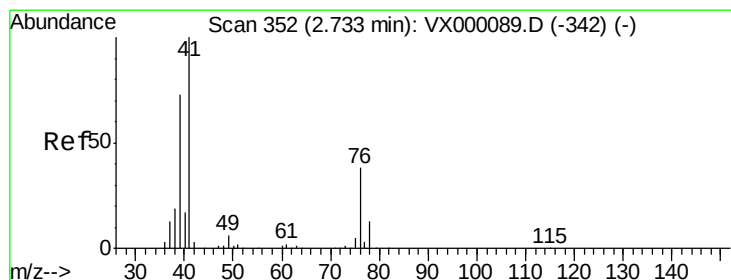
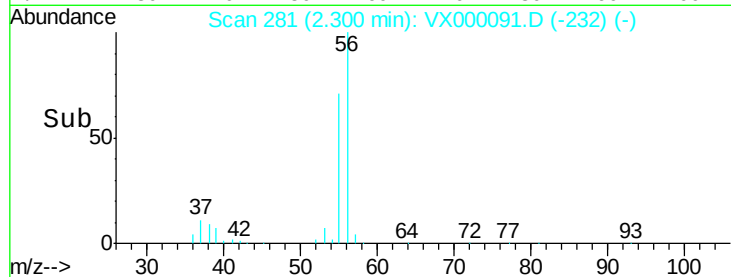
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 95.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

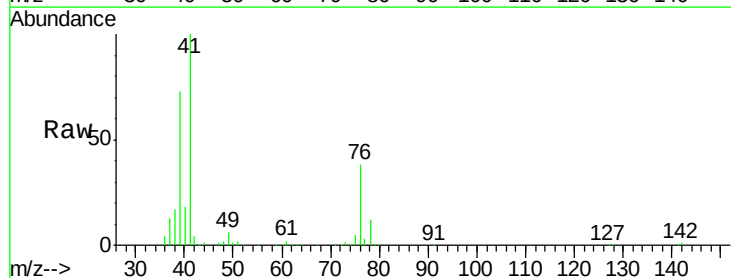
Tgt Ion: 41 Resp: 220340

Ion Ratio Lower Upper

41 100

39 68.1 55.1 82.7

76 35.3 28.5 42.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

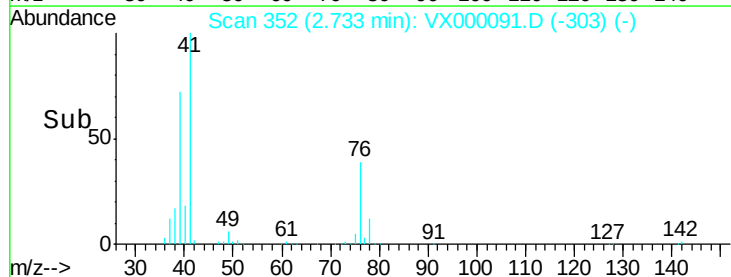
150000

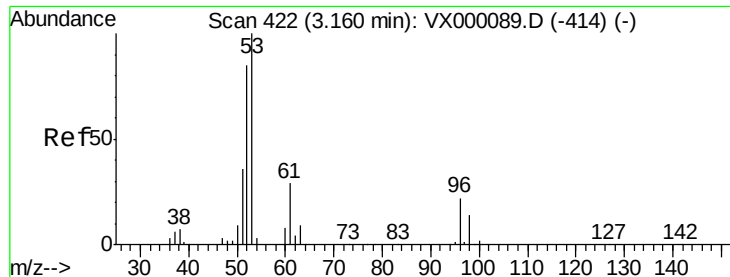
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 509.39 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

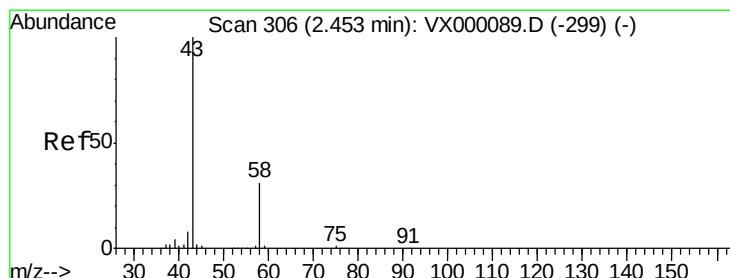
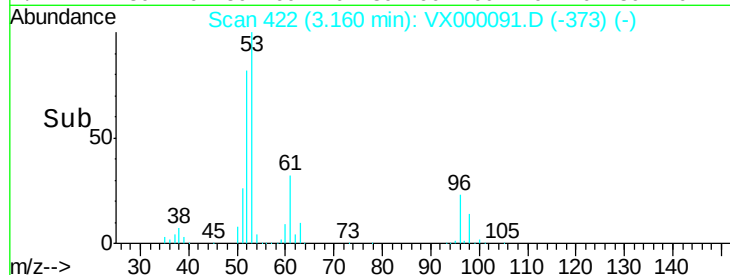
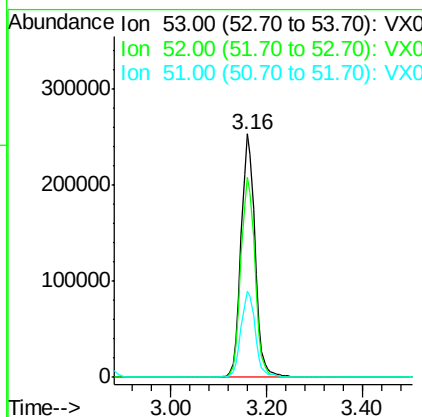
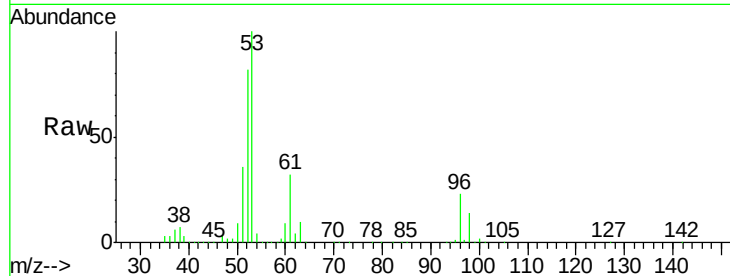
ClientSampled :

VSTDICC100

Tot Ion:	53	Resp:	511497
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	36.7	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 561.11 ug/l

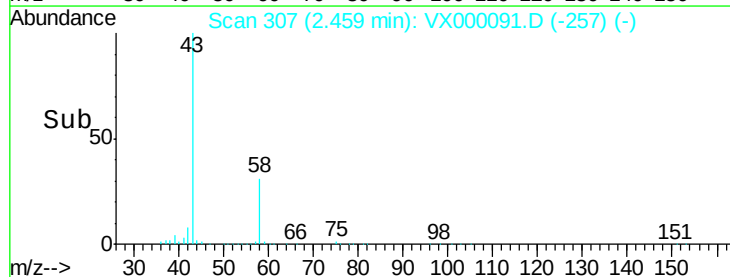
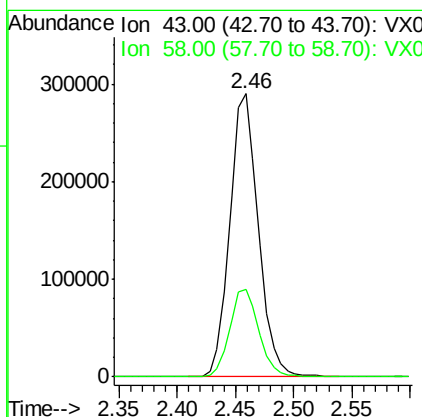
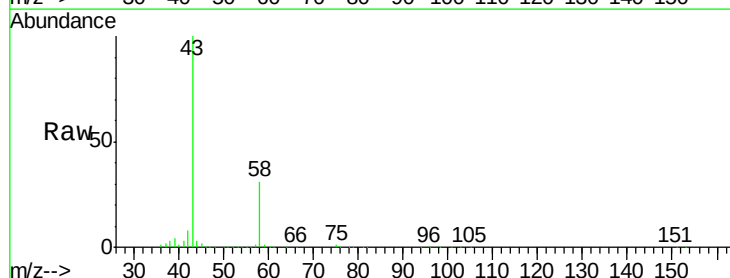
RT: 2.46 min Scan# 307

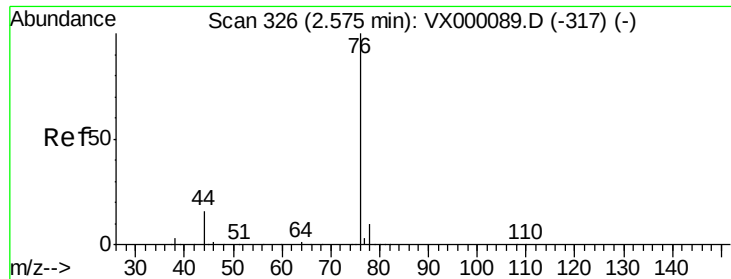
Delta R.T. 0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	43	Resp:	494534
Ion Ratio	Lower	Upper	
43	100		
58	30.8	25.0	37.4





#17

Carbon Disulfide

Concen: 95.89 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 366440

Ion Ratio Lower Upper

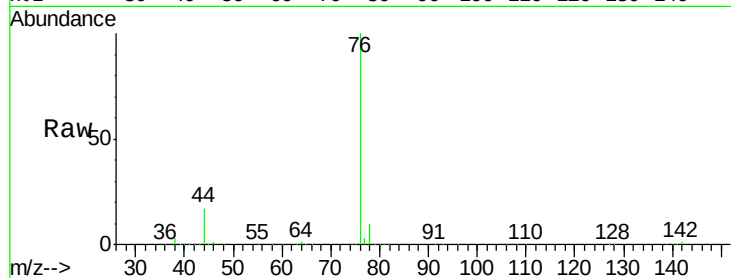
76 100

78 9.6 7.8 11.8

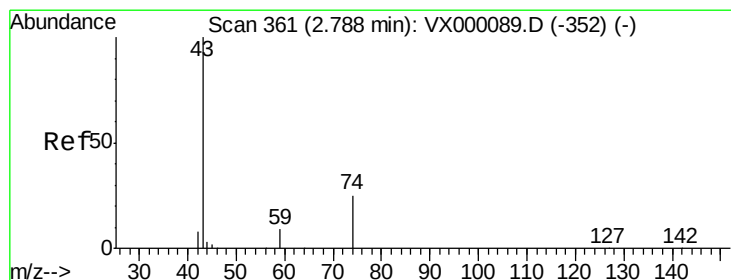
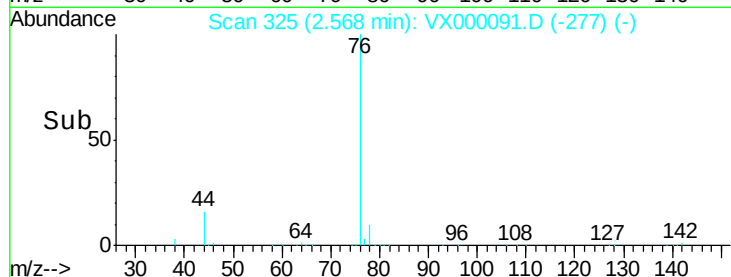
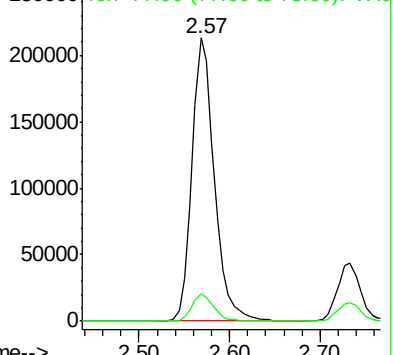
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Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 107.07 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000091.D

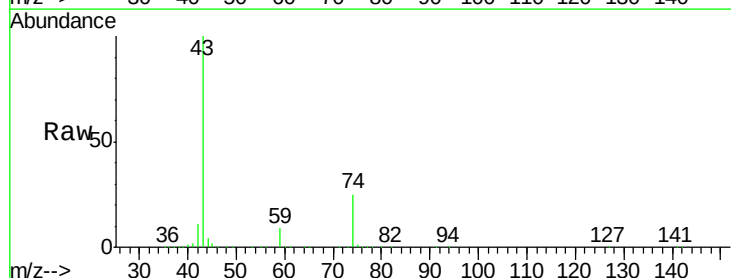
Acq: 14 Feb 2018 17:30

Tgt Ion: 43 Resp: 231778

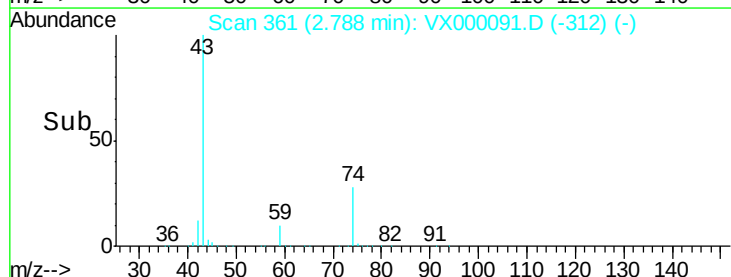
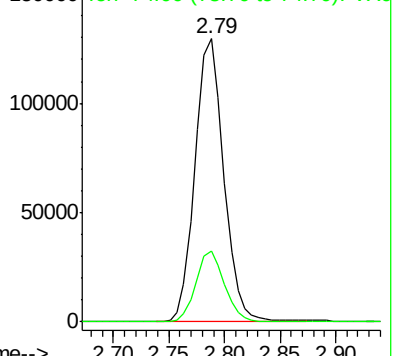
Ion Ratio Lower Upper

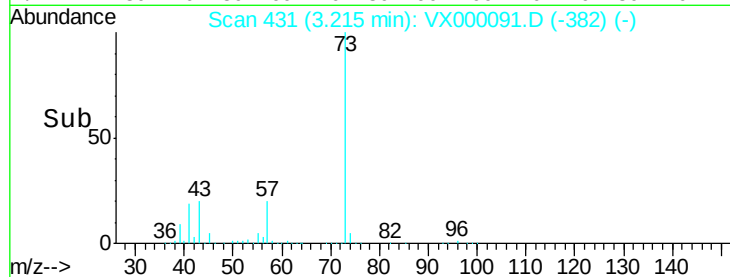
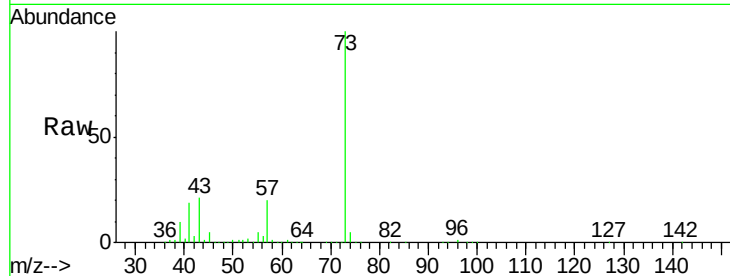
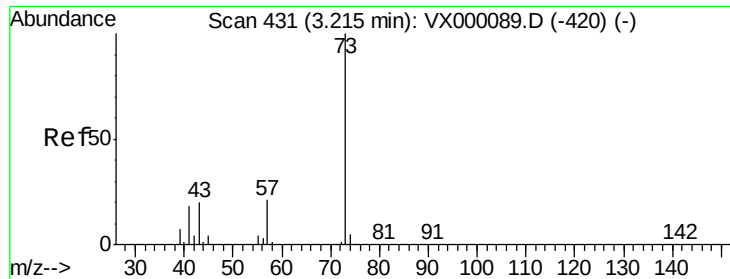
43 100

74 25.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





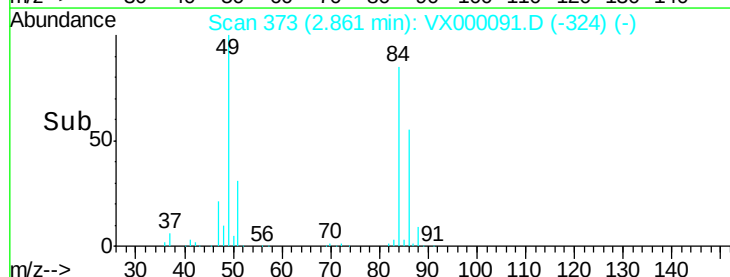
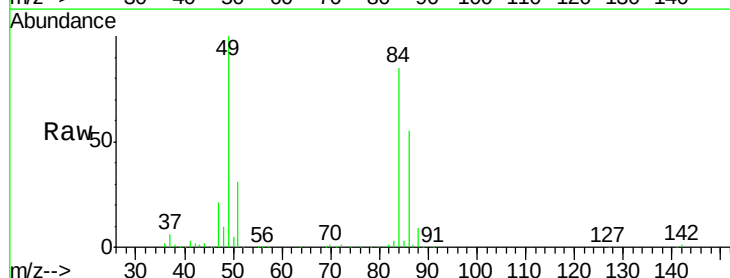
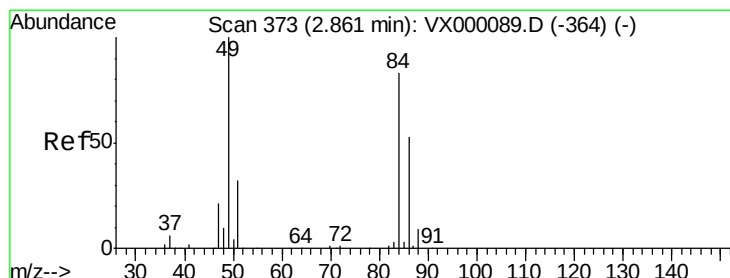
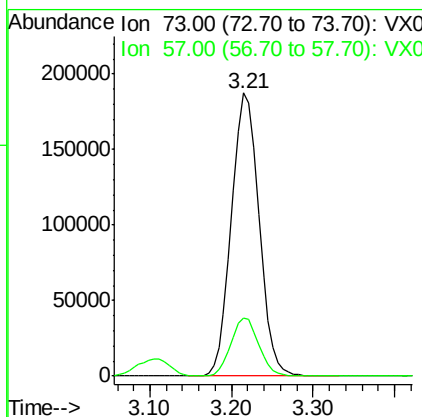
#19
Methyl tert-butyl Ether
Concen: 97.23 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tot Ion: 73 Resp: 439908
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

Instrument :
ClientSampleId :
VSTDIC100

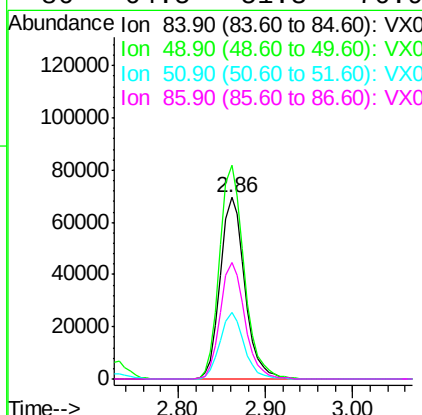
Manual Integrations
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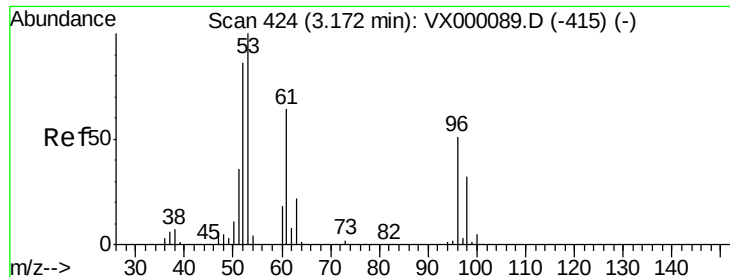
sam
2/16/2018 1:20:36 PM



#20
Methylene Chloride
Concen: 96.11 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion: 84 Resp: 135425
Ion Ratio Lower Upper
84 100
49 117.7 96.1 144.1
51 36.4 30.5 45.7
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 97.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

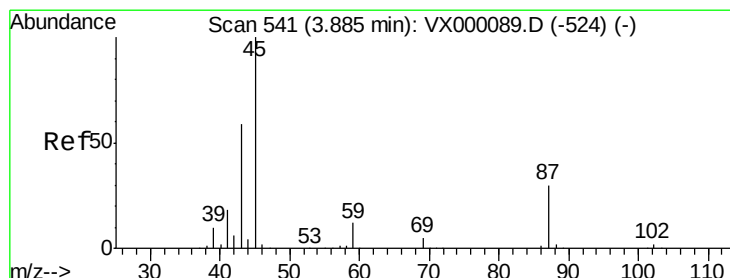
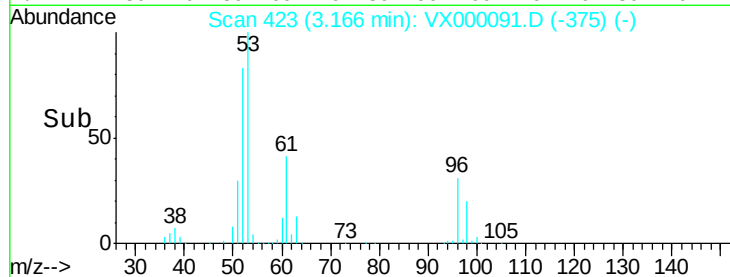
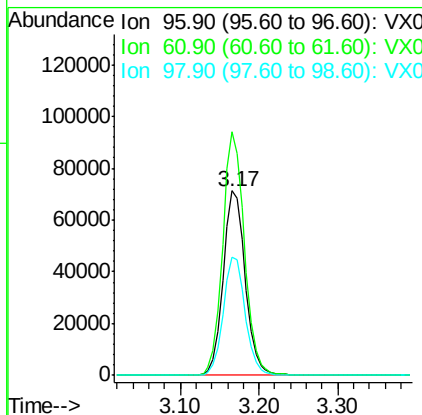
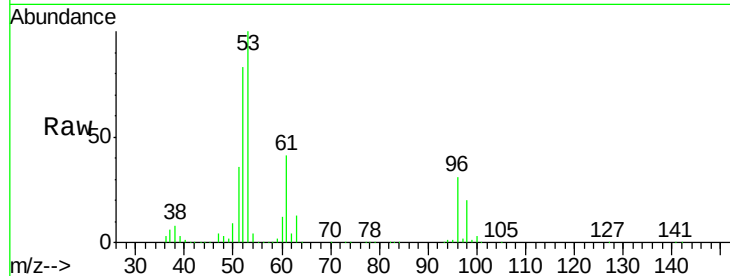
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	138612
Ion	Ratio	Lower	Upper
96	100		
61	132.1	100.3	150.5
98	64.4	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 96.38 ug/l

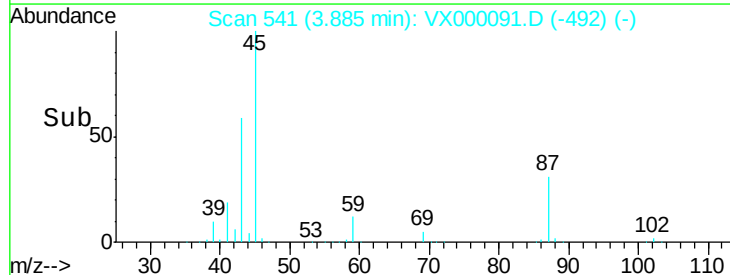
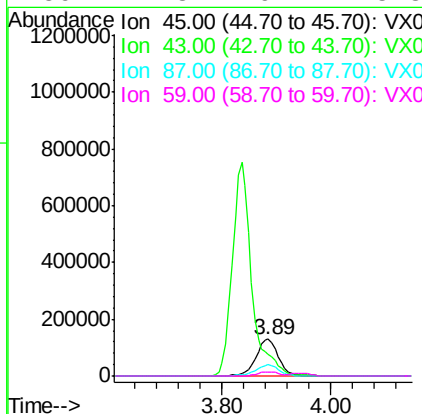
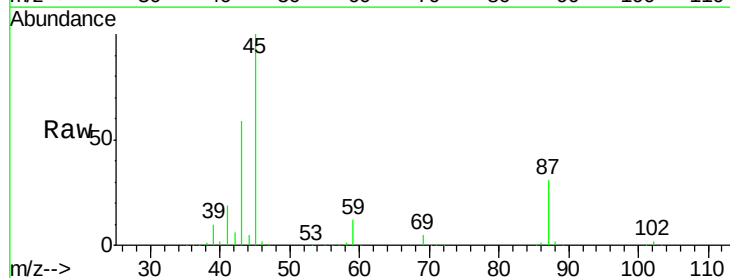
RT: 3.89 min Scan# 541

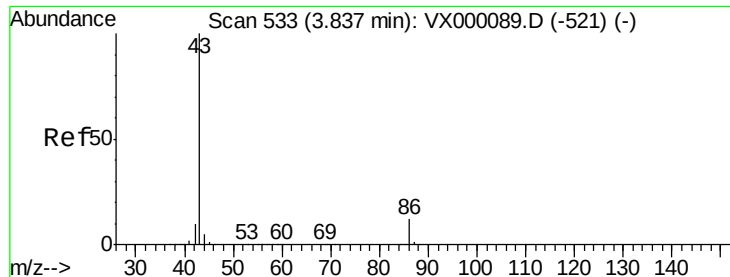
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	45	Resp:	367394
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.4	71.2
87	31.2	24.2	36.2
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 546.54 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDICC100

Tot Ion: 43 Resp: 1885711

Ion Ratio Lower Upper

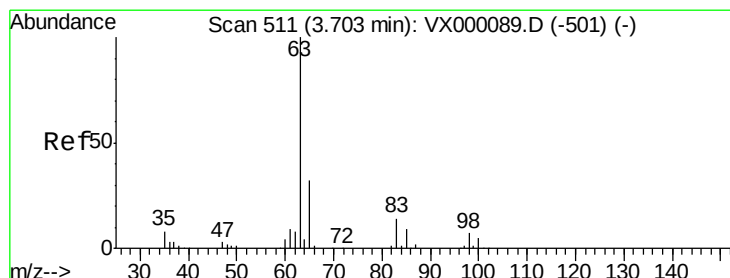
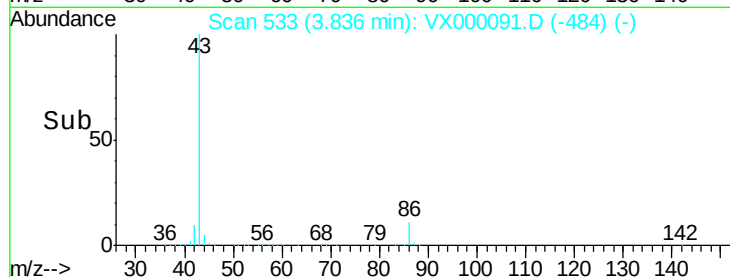
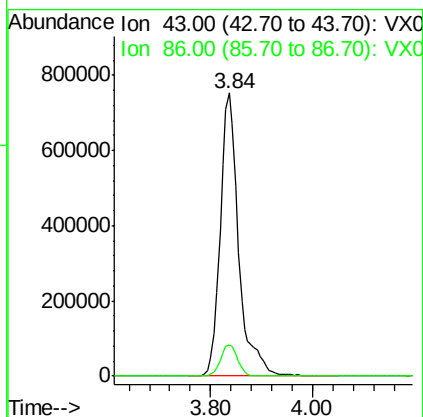
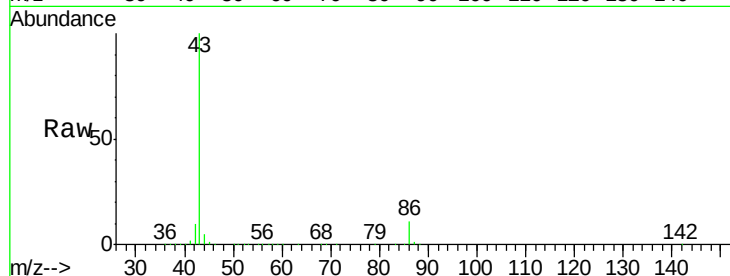
43 100

86 11.3 9.4 14.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 99.67 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

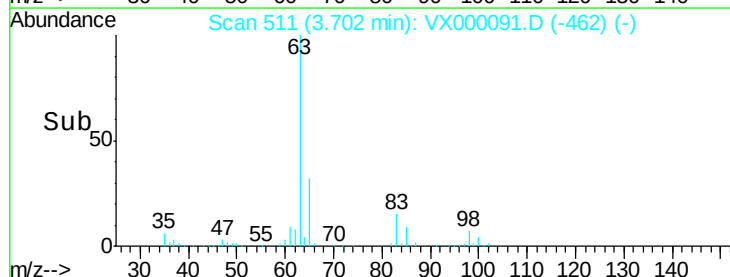
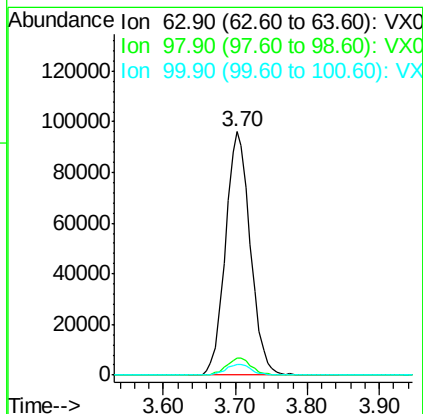
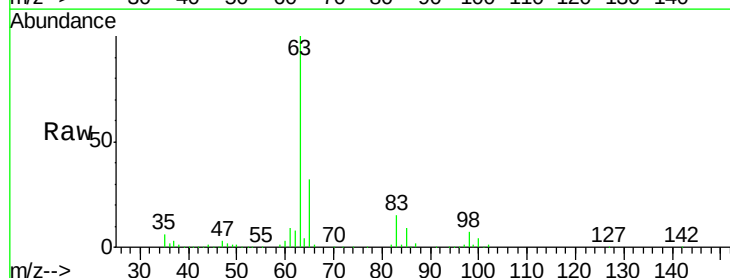
Tgt Ion: 63 Resp: 229600

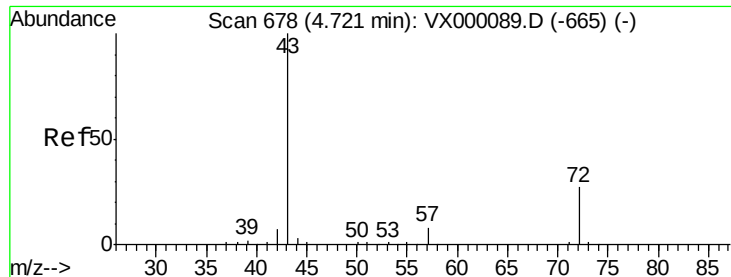
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 539.37 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 703047

Ion Ratio Lower Upper

43 100

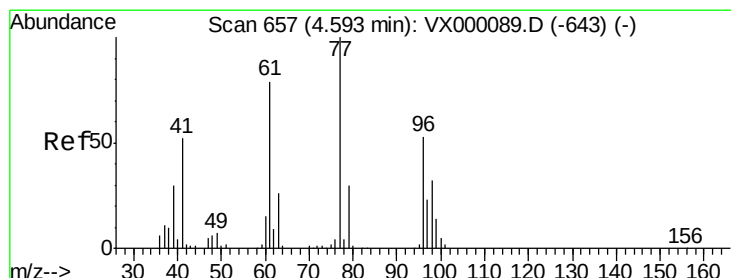
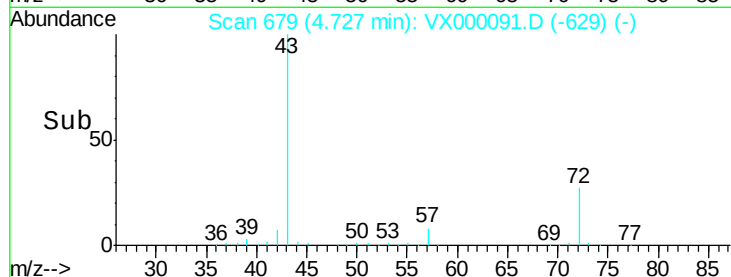
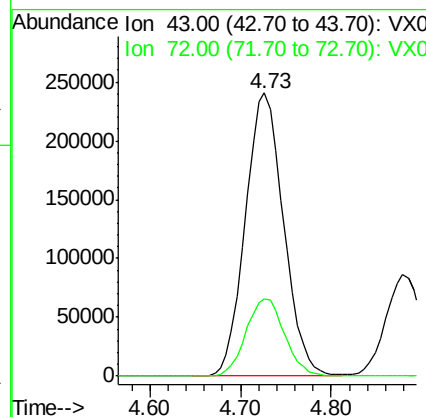
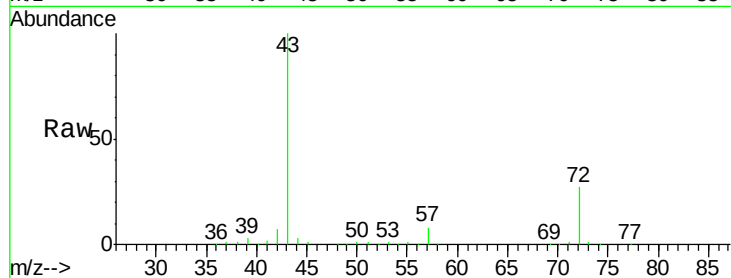
72 27.2 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 97.21 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000091.D

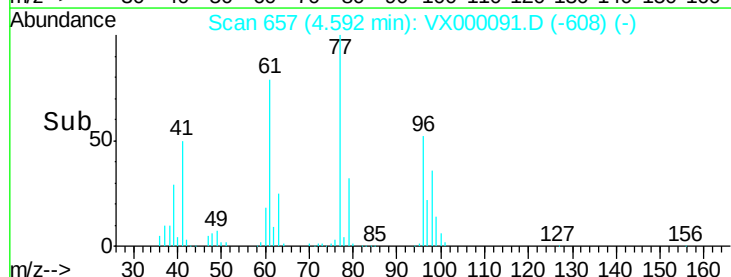
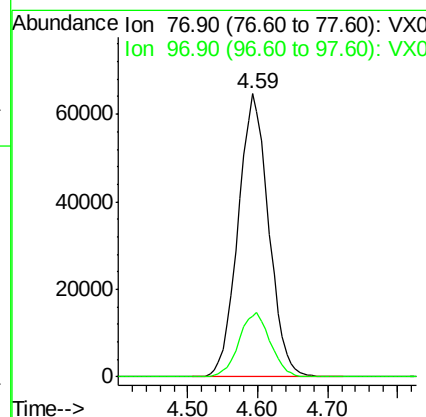
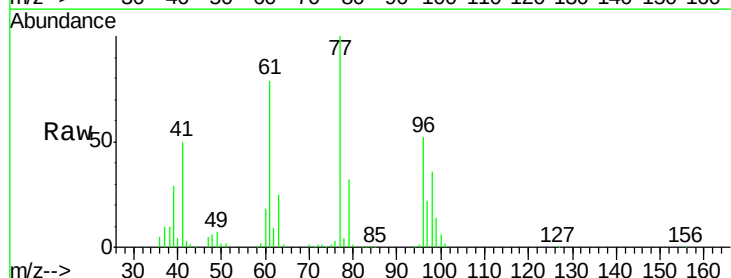
Acq: 14 Feb 2018 17:30

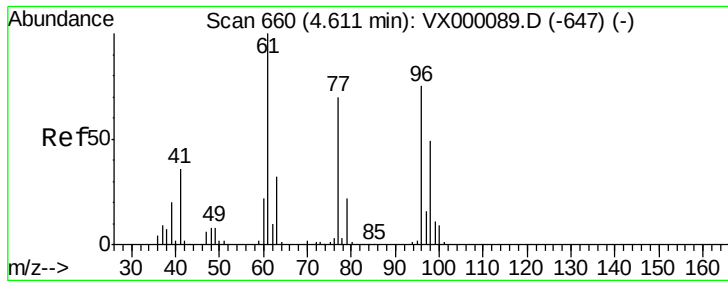
Tgt Ion: 77 Resp: 196450

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





#27

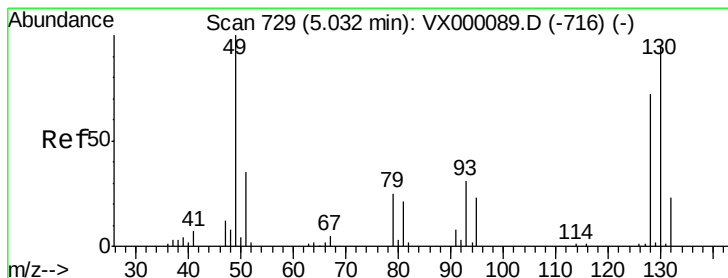
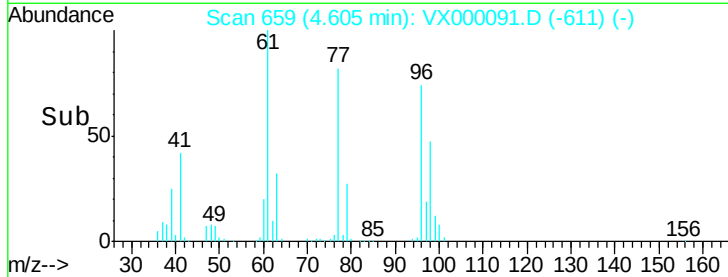
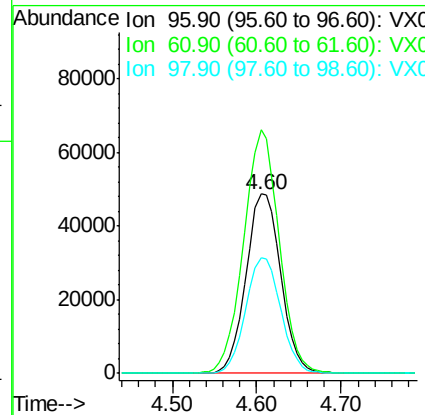
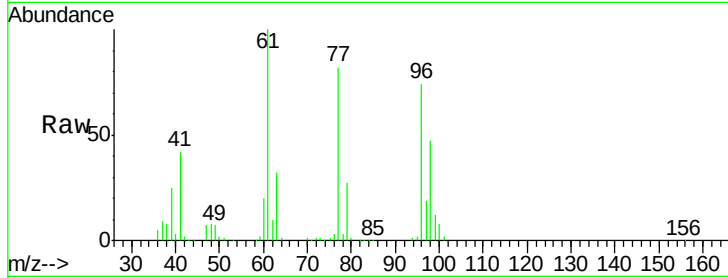
cis-1,2-Dichloroethene
Concen: 97.98 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	285.6
98	65.3	0.0	131.8

Manual Integrations
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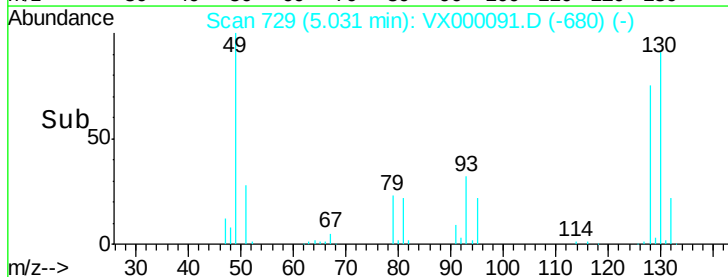
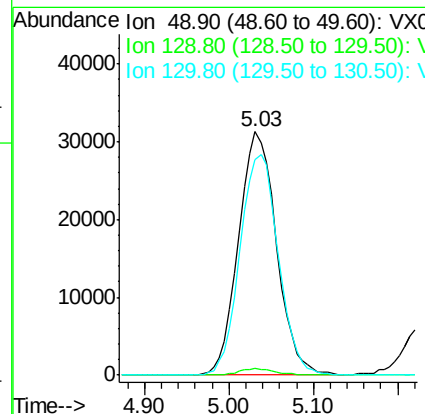
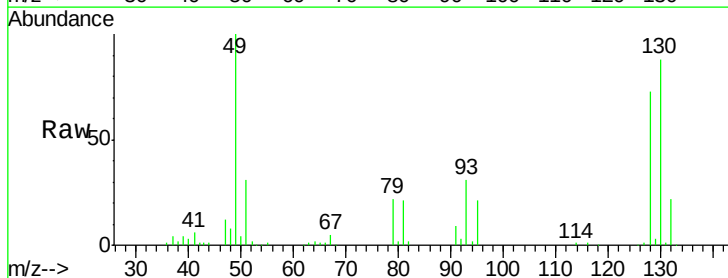
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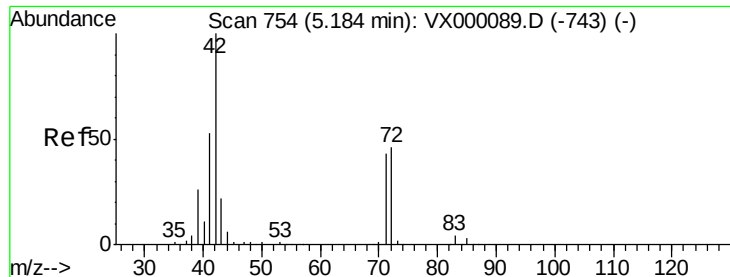


#28

Bromochloromethane
Concen: 115.69 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	91.5	71.9	107.9





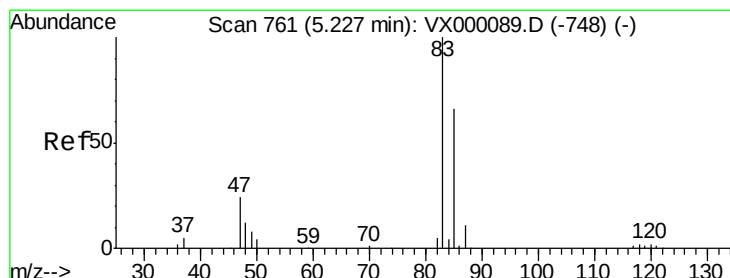
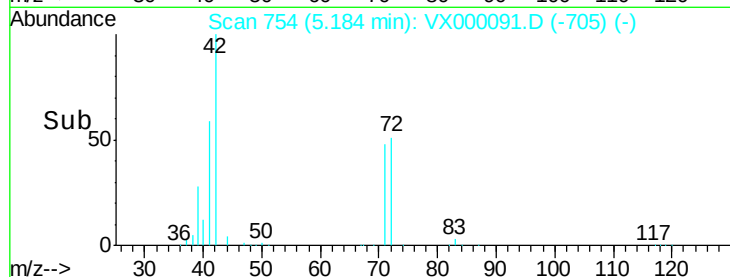
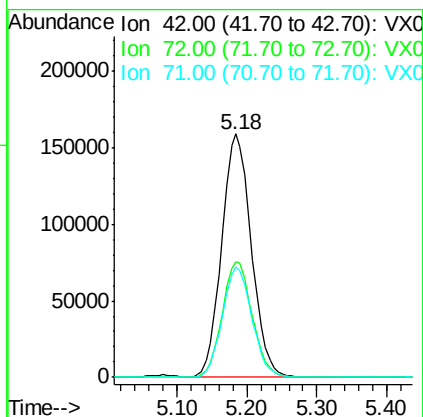
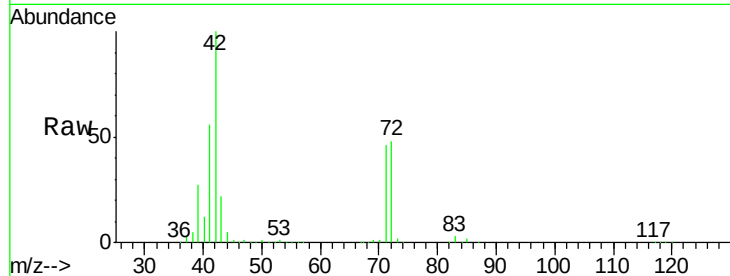
#29
Tetrahydrofuran
Concen: 527.13 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.6	58.0
71	45.3	36.2	54.4

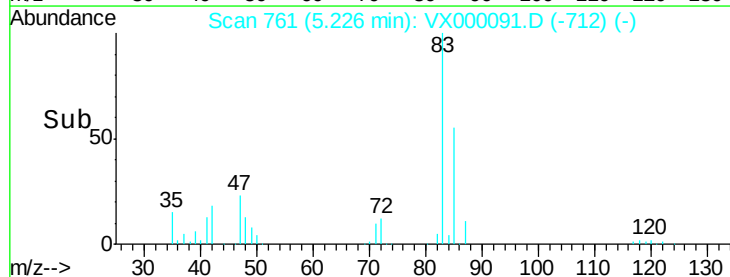
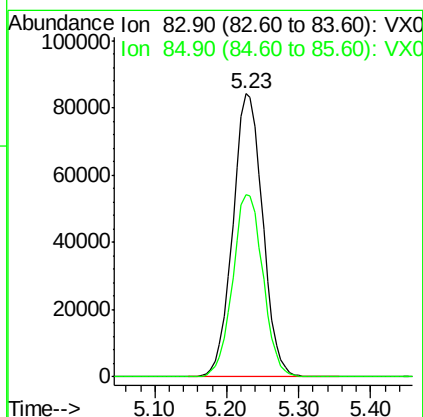
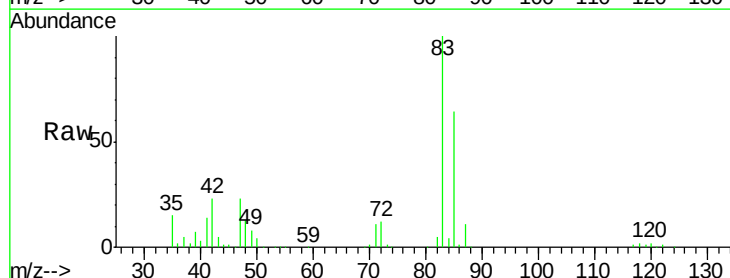
Manual Integrations
APPROVED

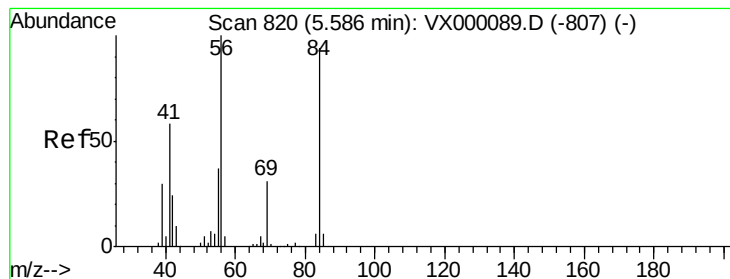
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#30
Chloroform
Concen: 101.75 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.7	79.1





#31

Cvclohexane

Concen: 98.64 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

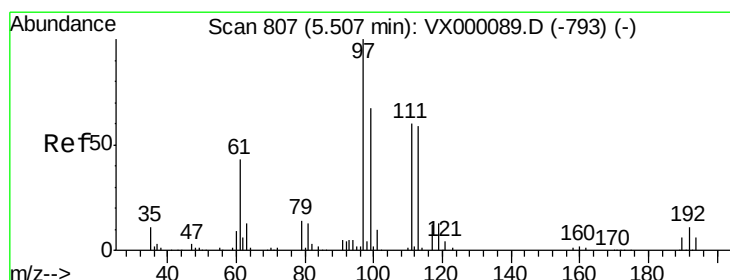
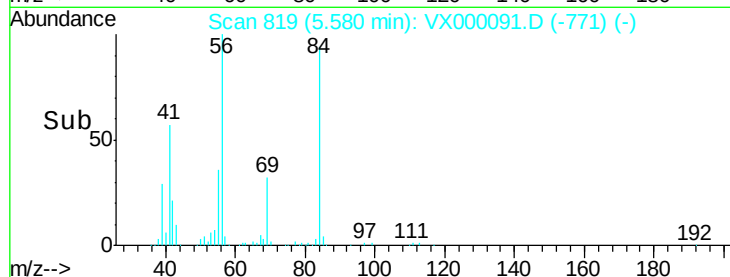
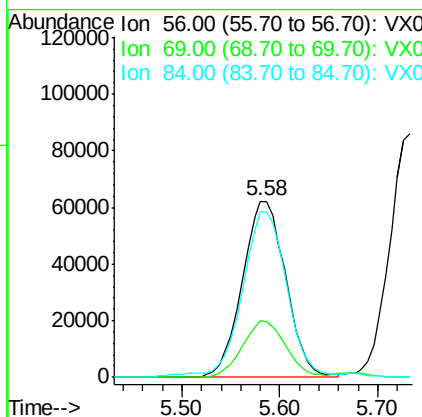
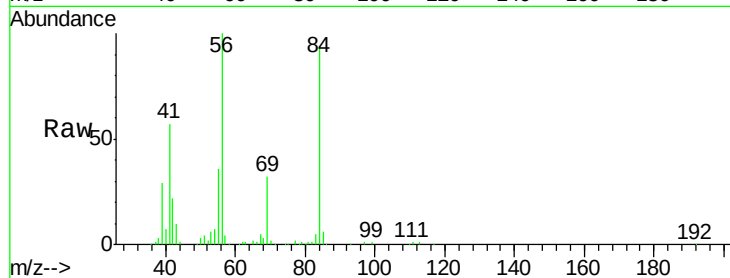
ClientSampled :

VSTDIC100

Tot Ion:	56	Resp:	191068
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.9	37.3
84	92.1	75.0	112.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 100.36 ug/l

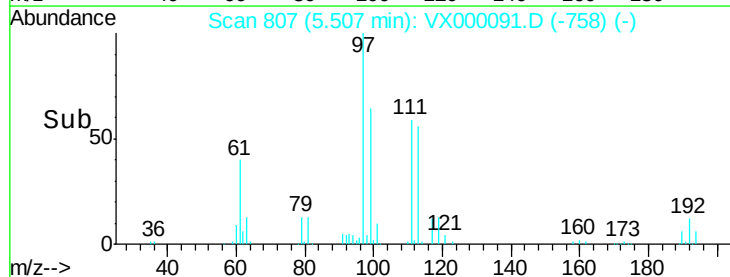
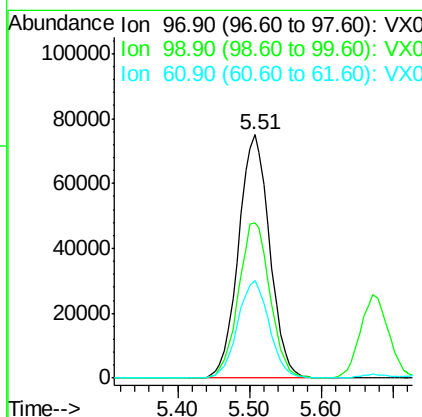
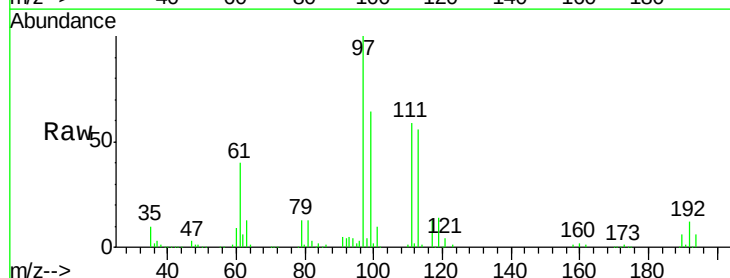
RT: 5.51 min Scan# 807

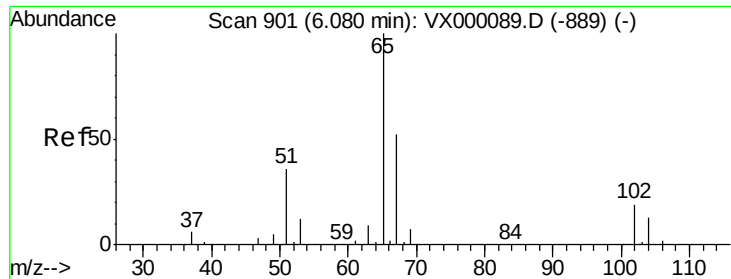
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	97	Resp:	225100
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	40.7	33.4	50.0





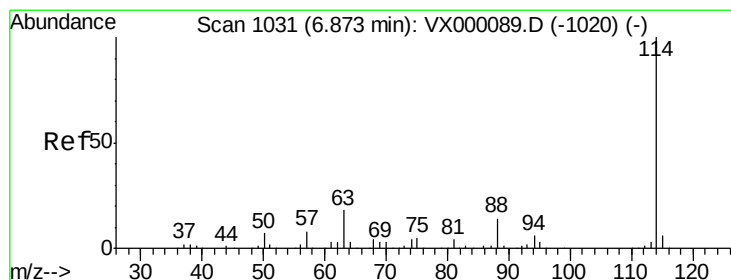
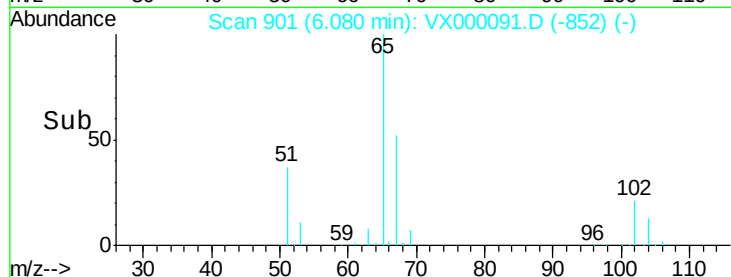
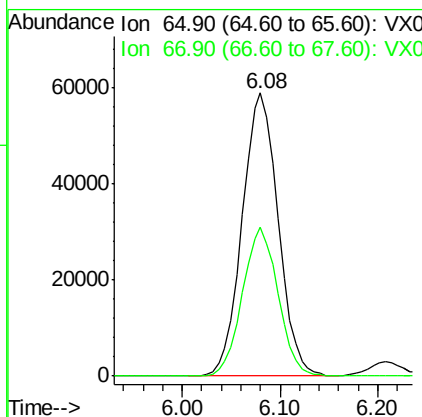
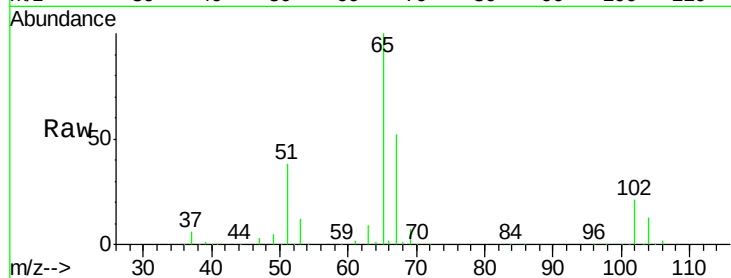
#33
 1,2-Dichloroethane-d4
 Concen: 103.48 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150513		
67	52.0	0.0	104.8	

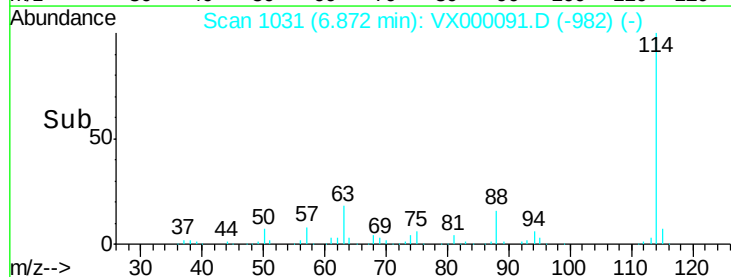
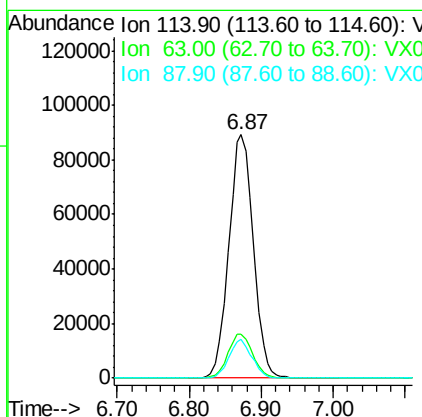
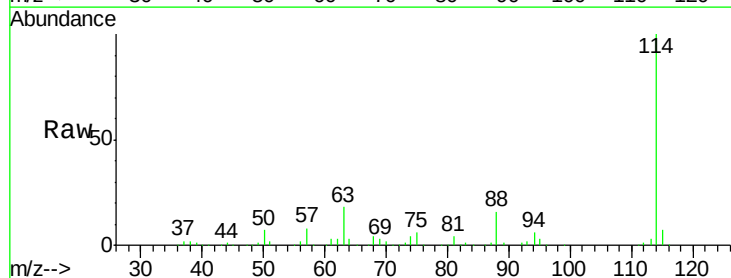
Manual Integrations
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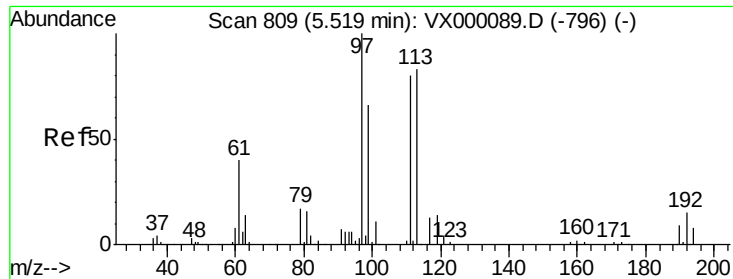
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	211337		
63	18.0	0.0	36.4	
88	15.8	0.0	29.0	





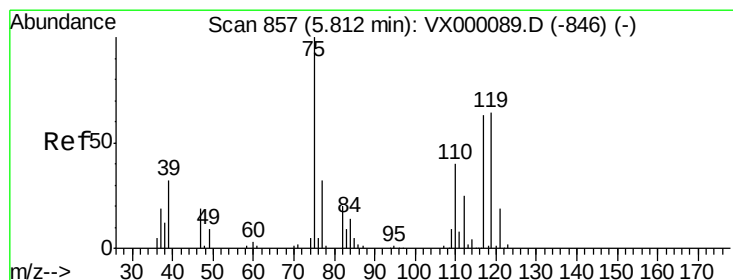
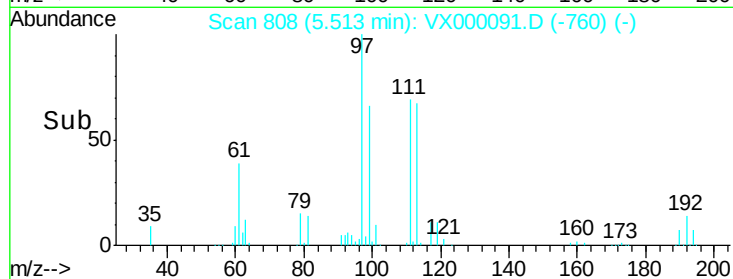
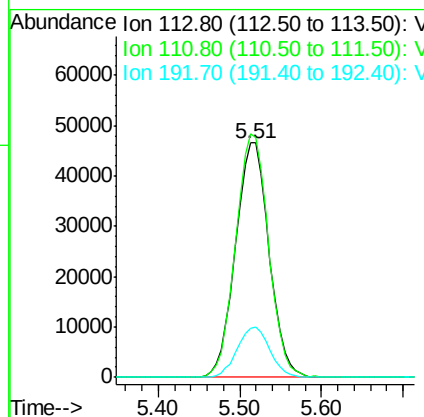
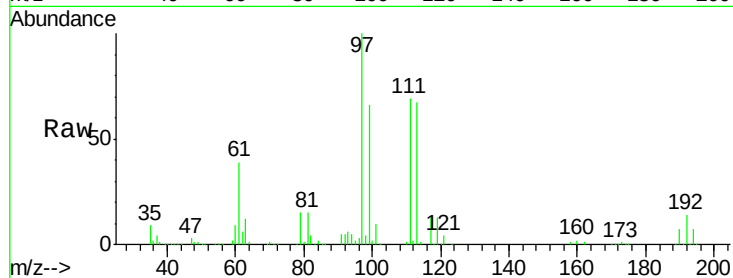
#35
 Dibromofluoromethane
 Concen: 106.51 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132658		
111	101.8	81.0	121.6	
192	20.9	15.7	23.5	

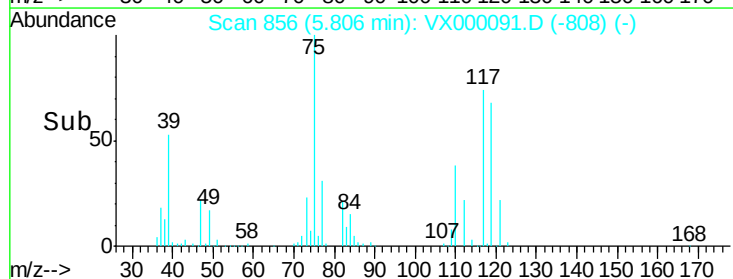
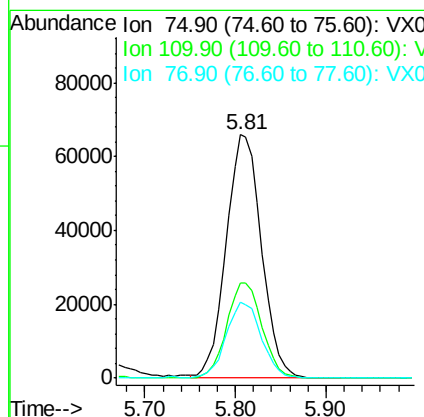
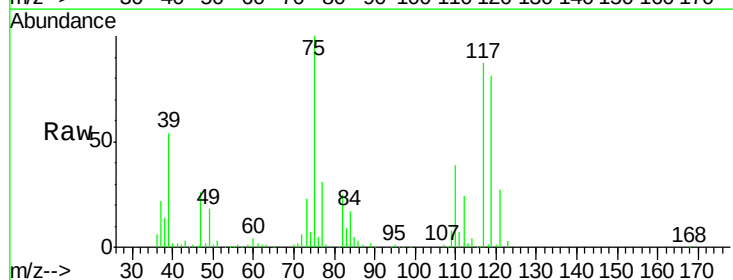
Manual Integrations
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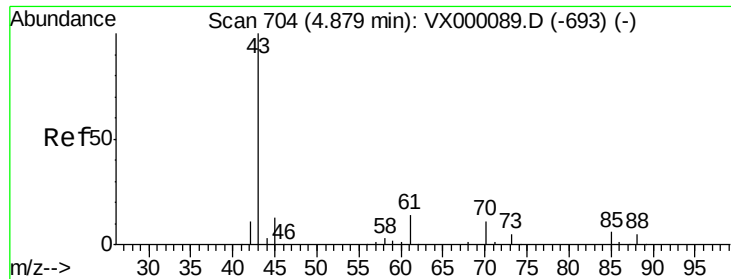
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#36
 1,1-Dichloropropene
 Concen: 96.50 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178138		
110	39.2	19.5	58.5	
77	31.3	24.7	37.1	





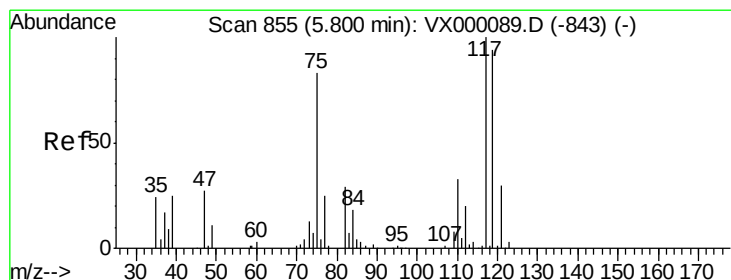
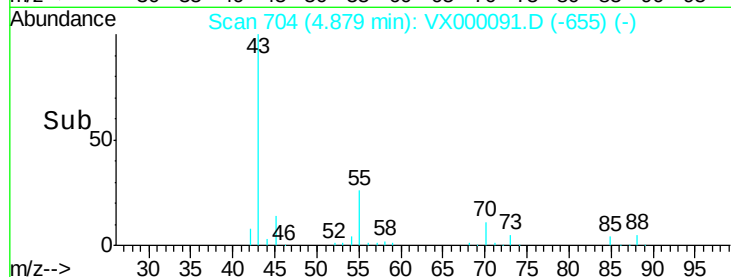
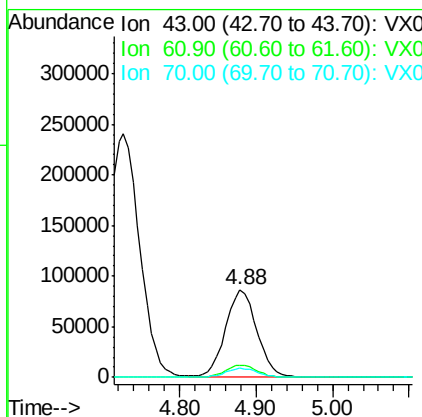
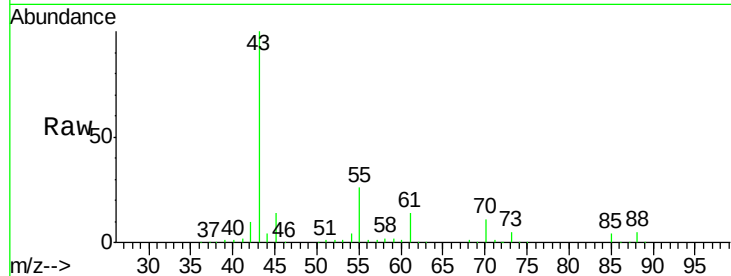
#37
Ethyl Acetate
Concen: 102.18 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	10.7	9.0	13.4

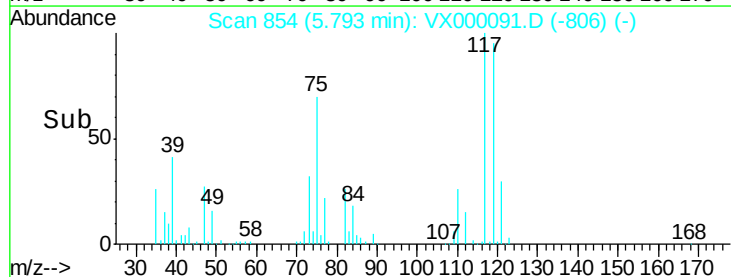
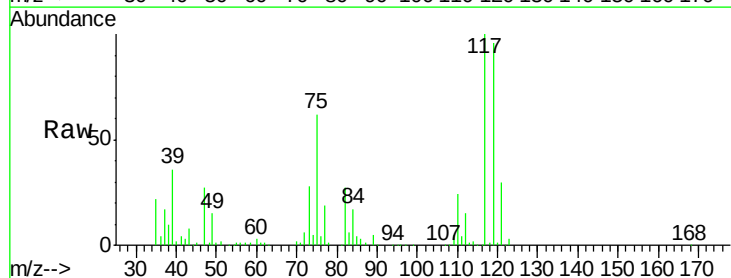
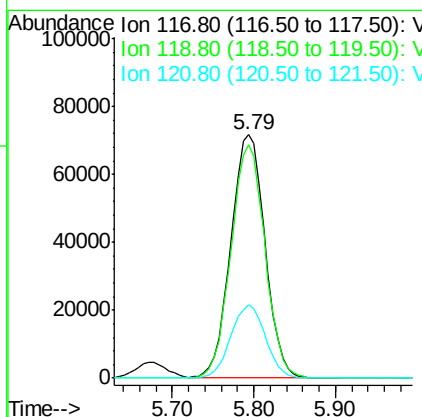
Manual Integrations
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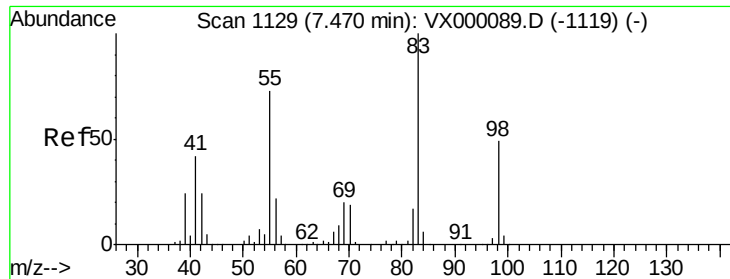
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#38
Carbon Tetrachloride
Concen: 100.54 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.3	112.9
121	30.1	23.7	35.5





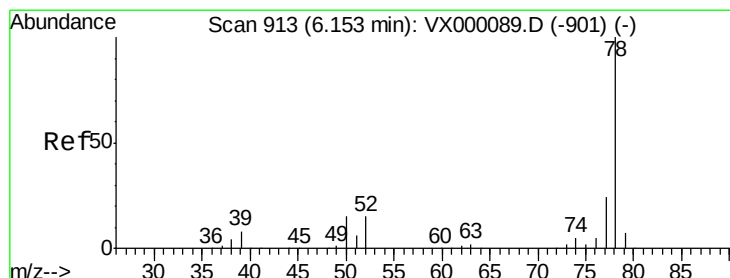
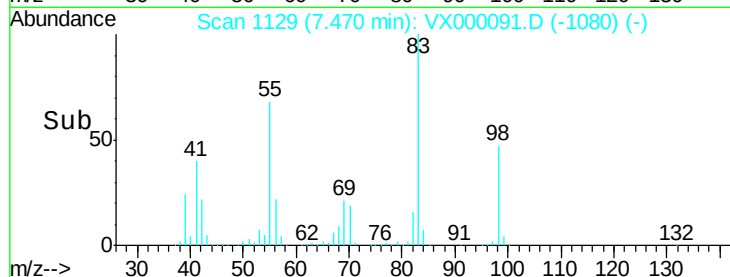
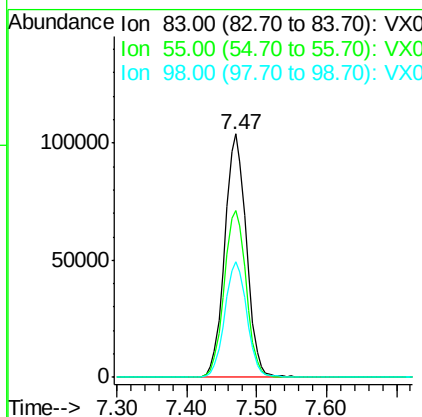
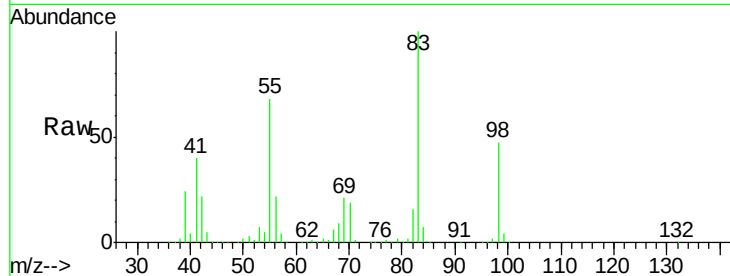
#39
Methylvlcyclohexane
Concen: 100.14 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	58.2	87.2
98	47.3	39.0	58.6

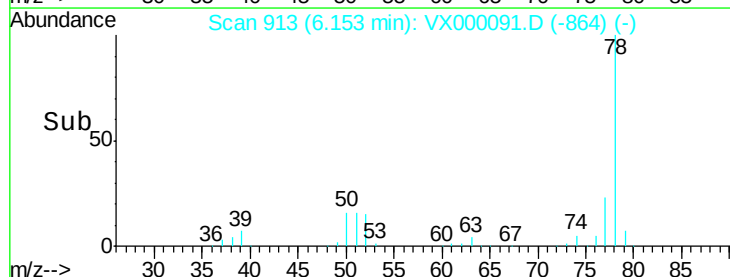
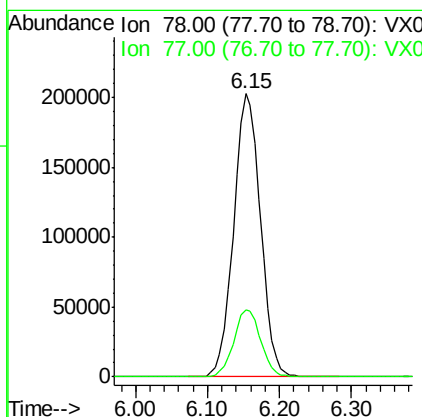
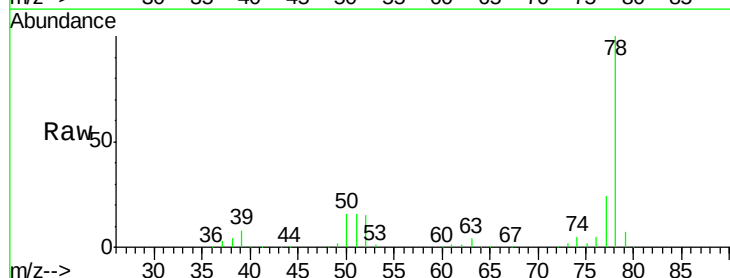
Manual Integrations
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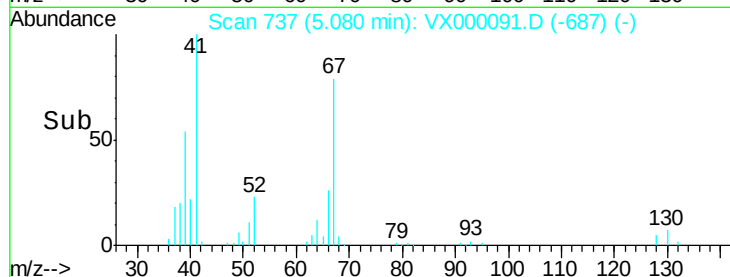
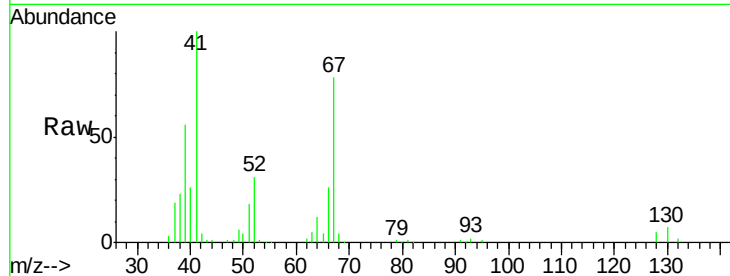
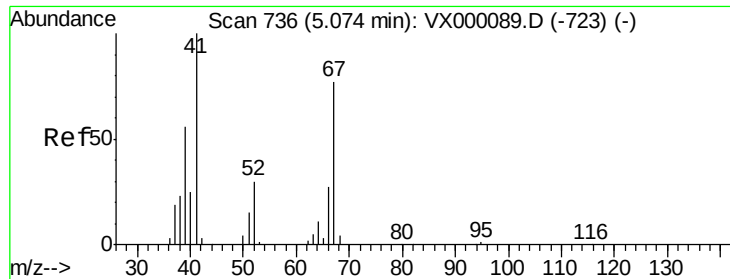
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#40
Benzene
Concen: 100.33 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





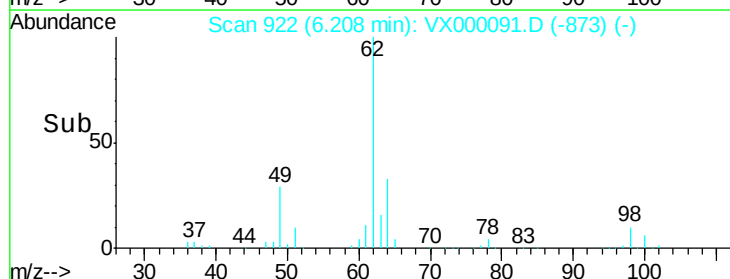
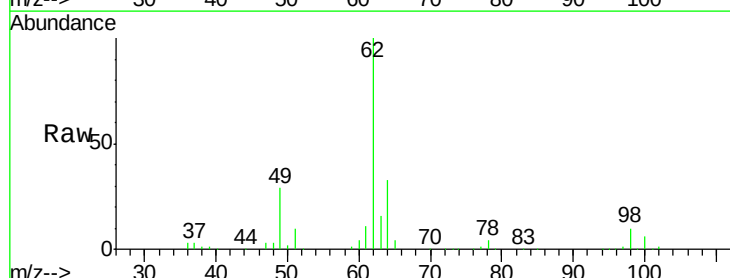
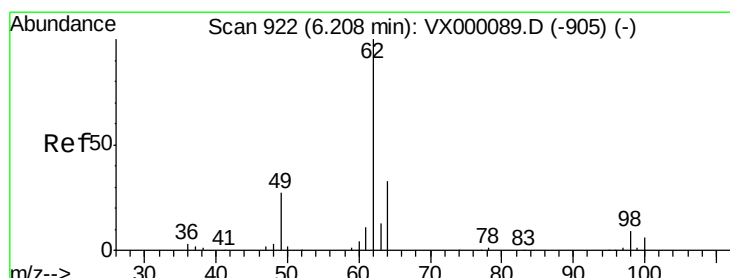
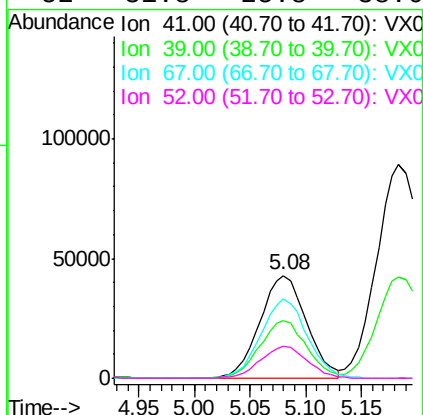
#41
Methacrylonitrile
Concen: 100.93 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.2	45.1	67.7		
67	77.3	61.0	91.4		
52	31.8	25.8	38.6		

Instrument :
ClientSampleId :
VSTDIC100

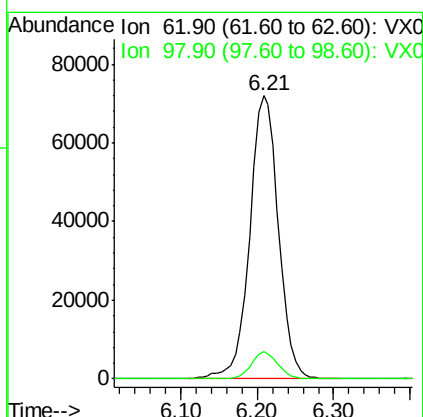
Manual Integrations
APPROVED

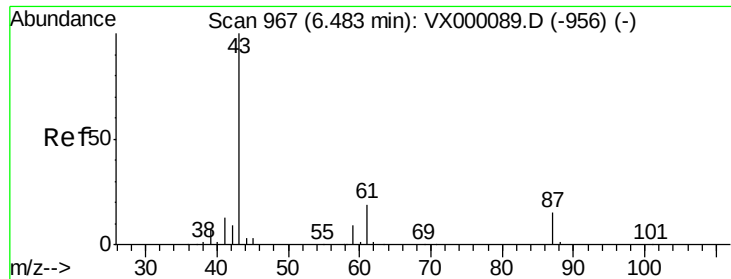
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#42
1,2-Dichloroethane
Concen: 100.67 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

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





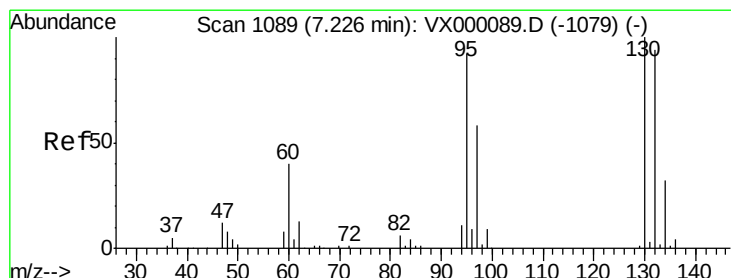
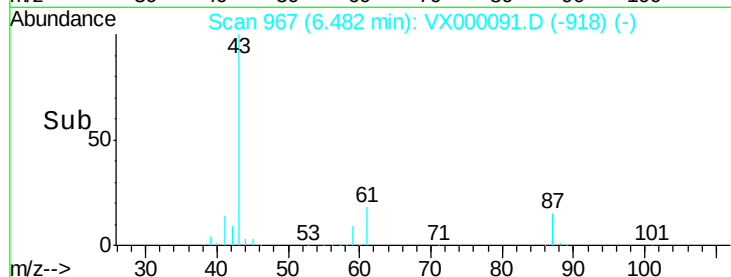
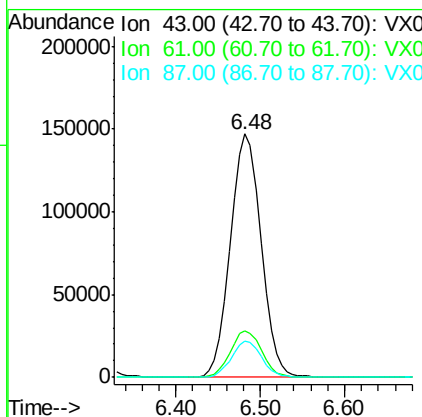
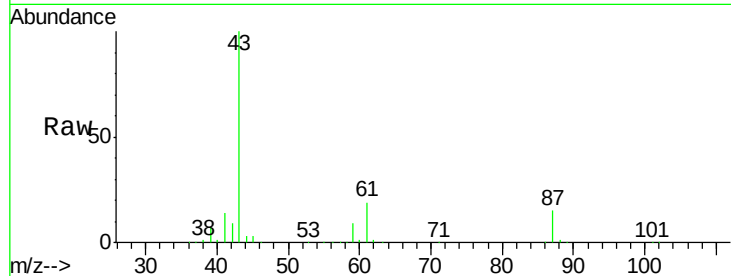
#43
Isopropyl Acetate
Concen: 100.58 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.6	23.4
87	14.7	11.7	17.5

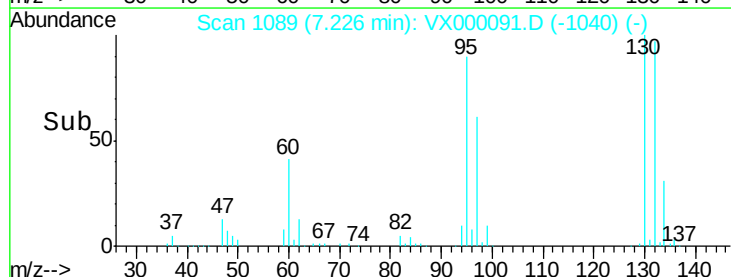
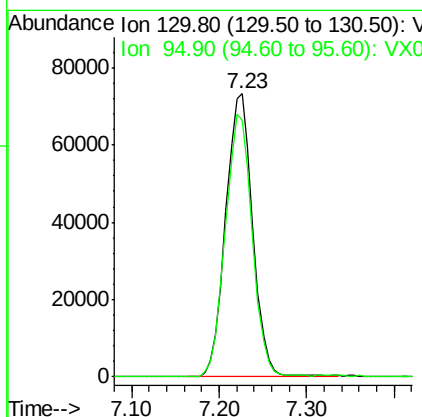
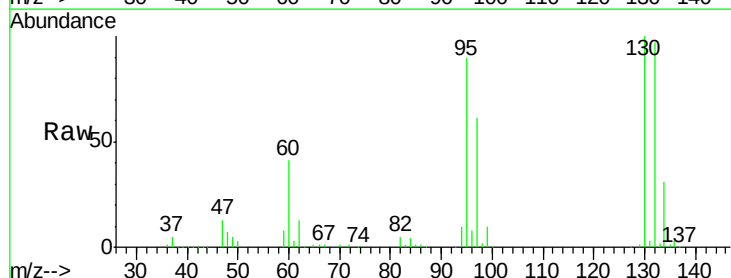
Manual Integrations
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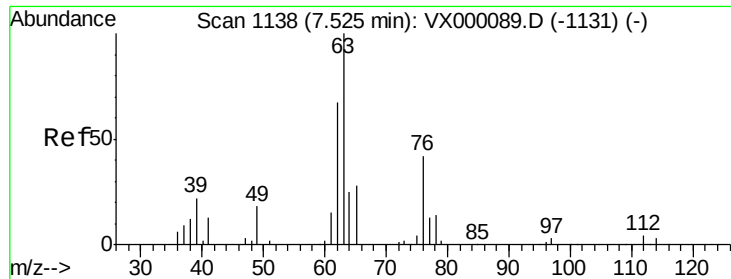
sam
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#44
Trichloroethene
Concen: 98.30 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	183.4





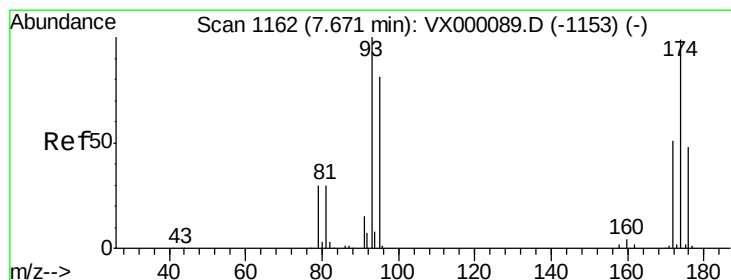
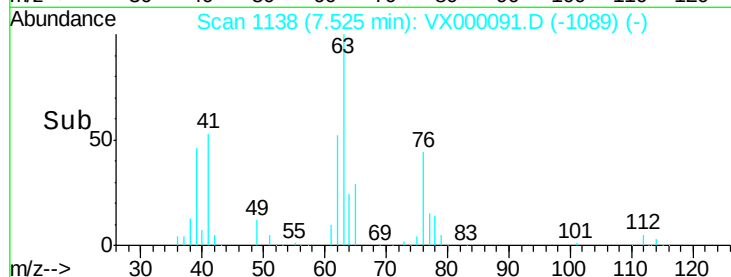
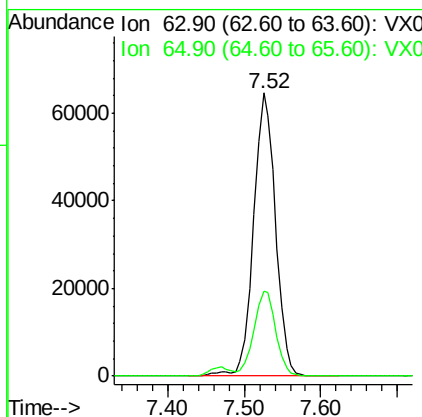
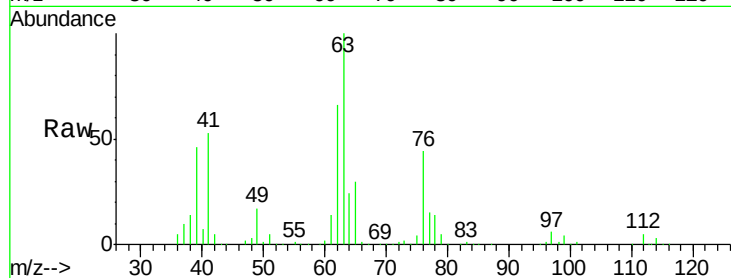
#45
 1,2-Dichloropropane
 Concen: 102.22 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 129816
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.8

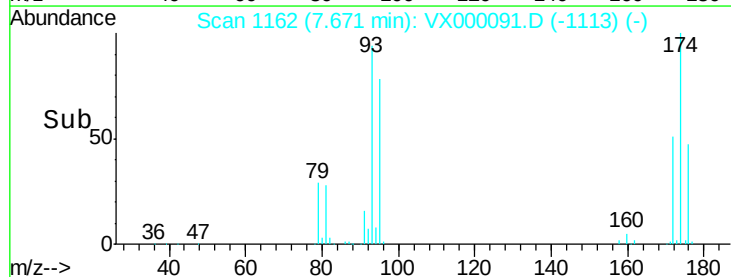
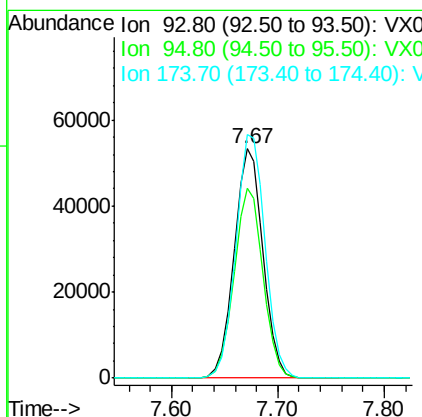
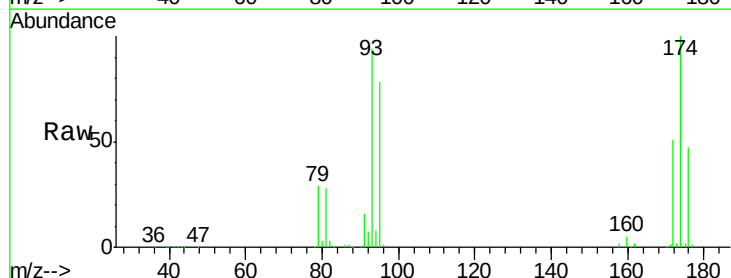
Manual Integrations
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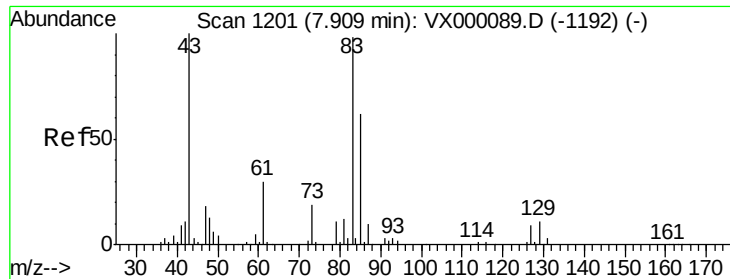
sam
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#46
 Dibromomethane
 Concen: 103.01 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion: 93 Resp: 101106
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.0 97.6
 174 108.0 83.1 124.7





#47

Bromodichloromethane

Concen: 102.15 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

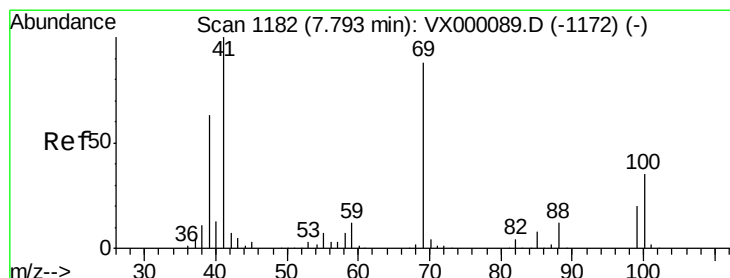
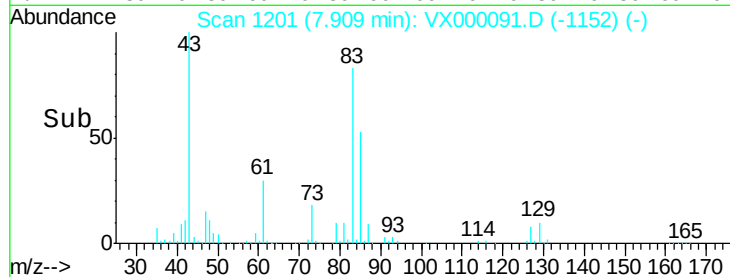
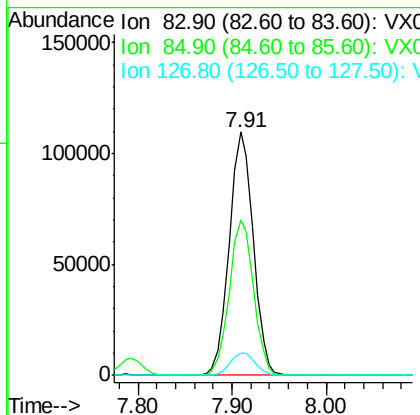
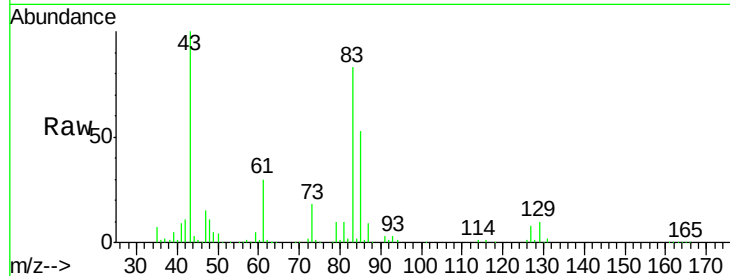
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	194289
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.4	75.6
127	9.4	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 100.12 ug/l

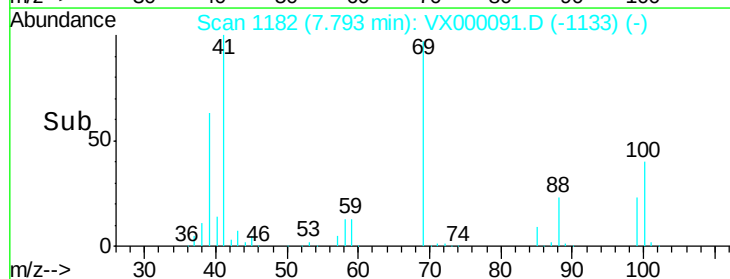
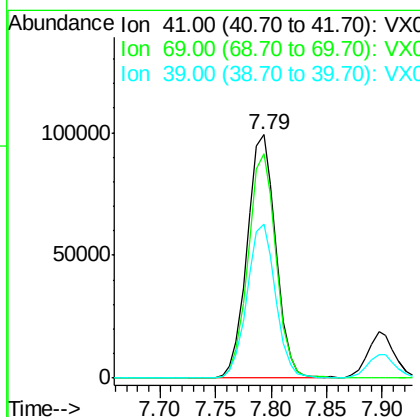
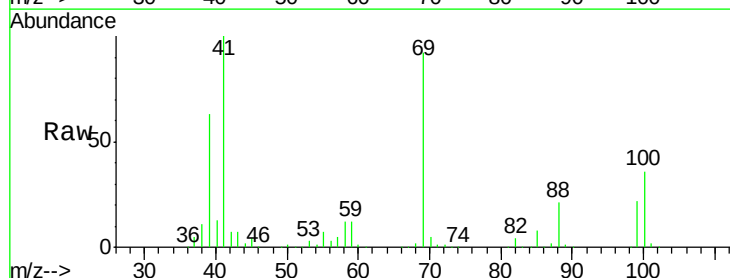
RT: 7.79 min Scan# 1182

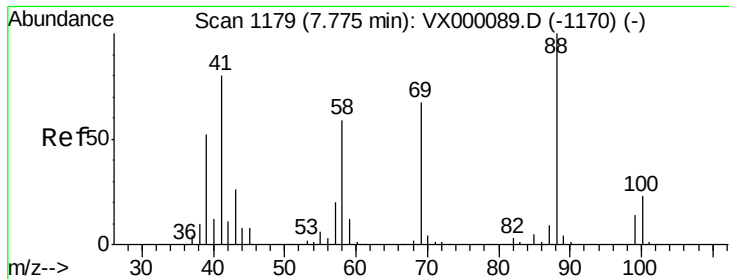
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	41	Resp:	177580
Ion Ratio	Lower	Upper	
41	100		
69	90.3	70.2	105.4
39	62.9	51.0	76.6





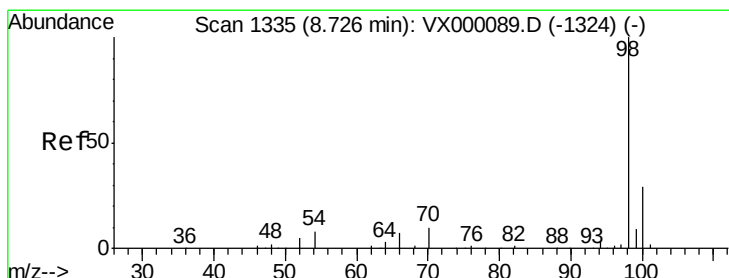
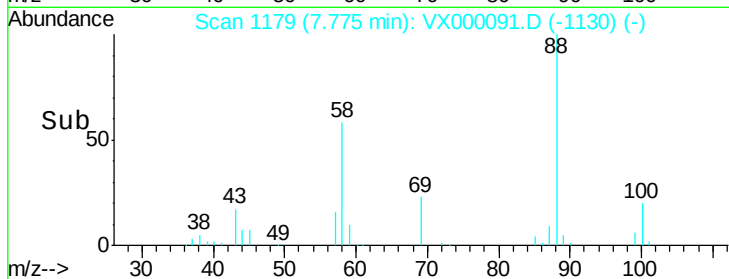
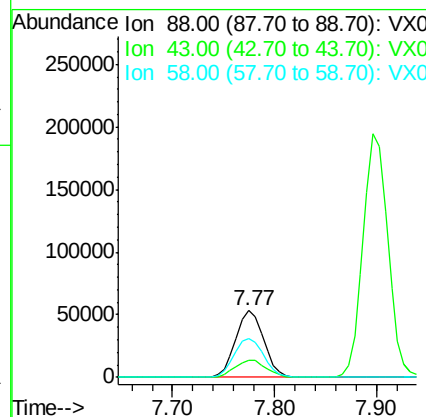
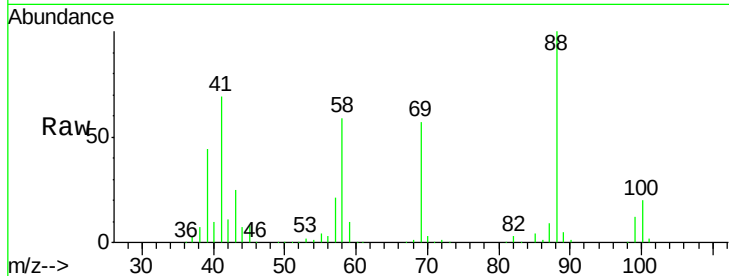
#49
1,4-Dioxane
Concen: 2150.46 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	24.1	36.1
58	61.1	49.0	73.6

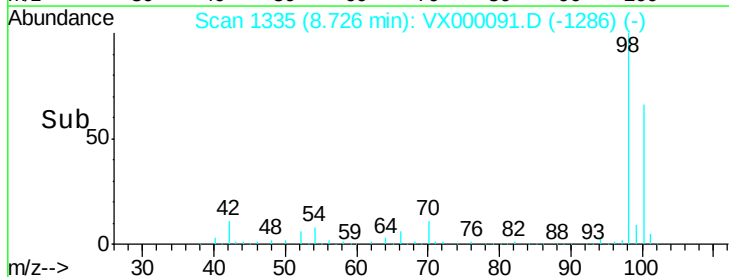
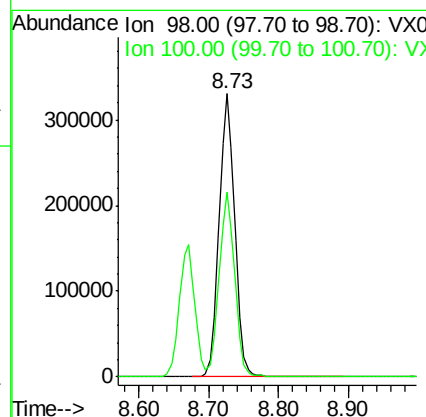
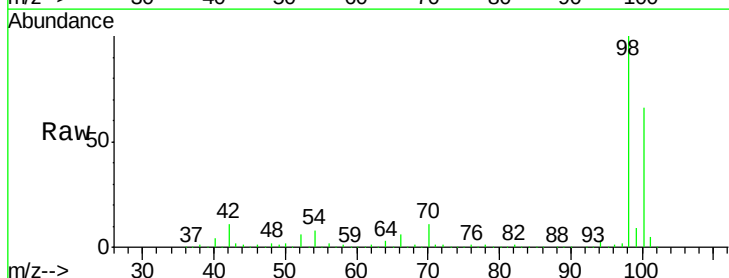
Manual Integrations
APPROVED

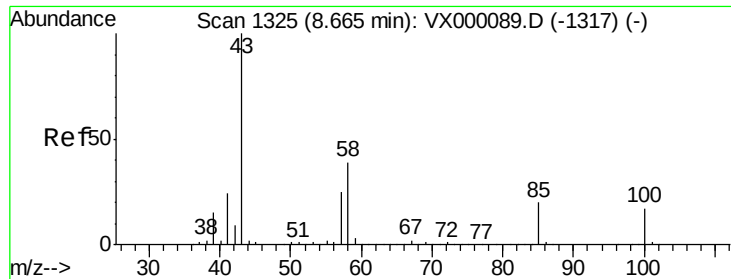
sam
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#50
Toluene-d8
Concen: 109.24 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 552.90 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1400175

Ion Ratio Lower Upper

43 100

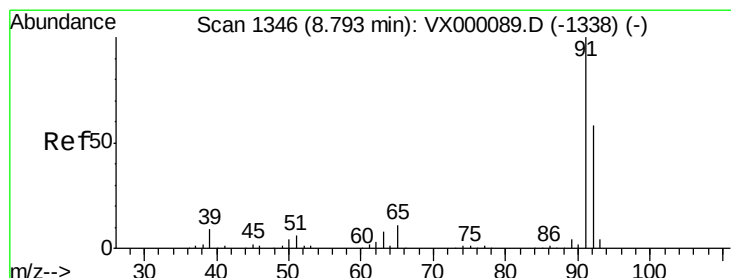
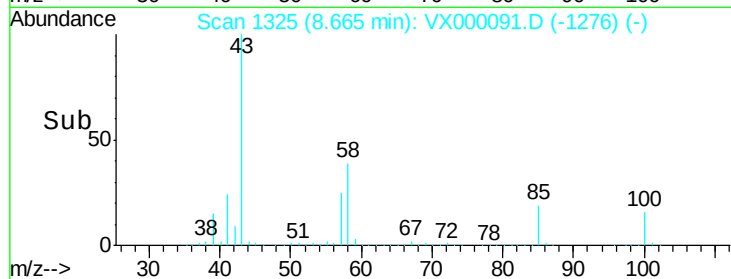
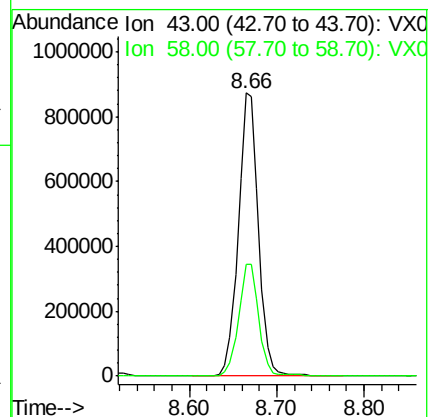
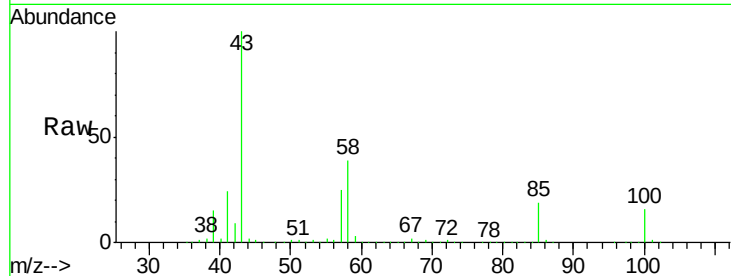
58 39.4 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 103.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000091.D

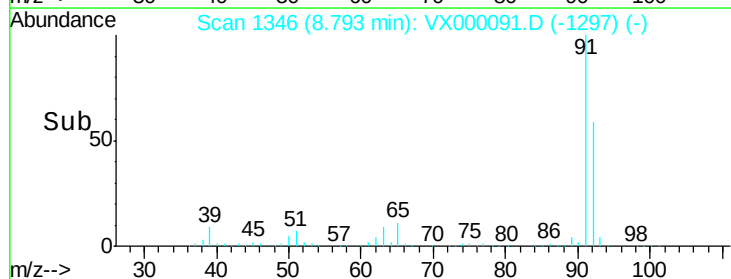
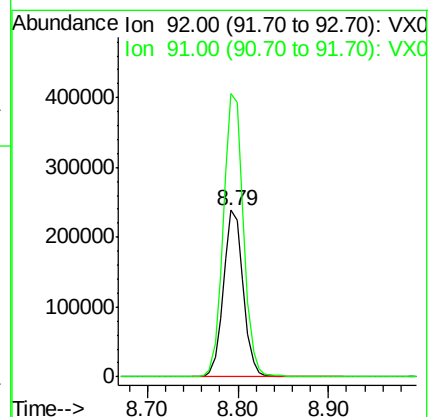
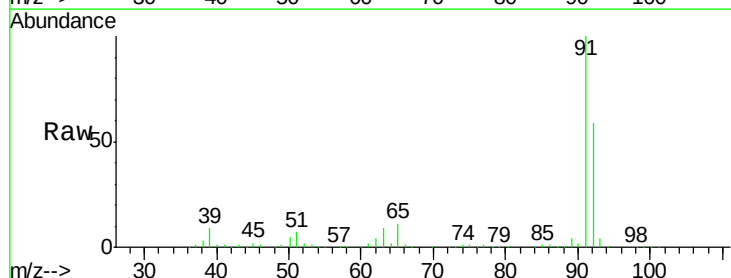
Acq: 14 Feb 2018 17:30

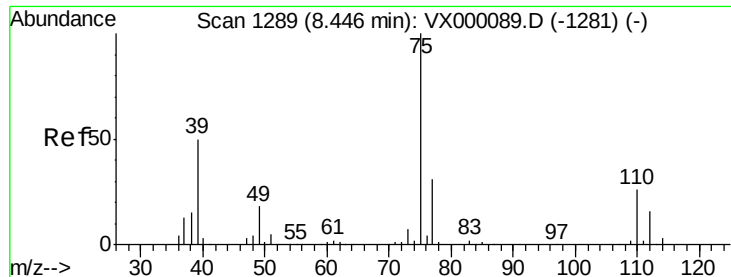
Tgt Ion: 92 Resp: 363356

Ion Ratio Lower Upper

92 100

91 172.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 102.87 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 228359

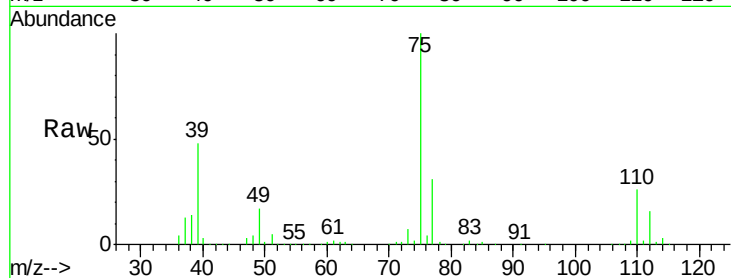
Ion Ratio Lower Upper

75 100

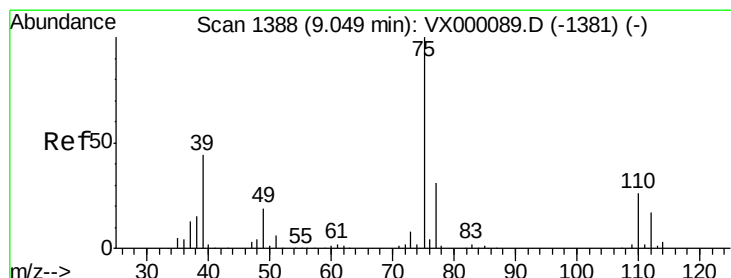
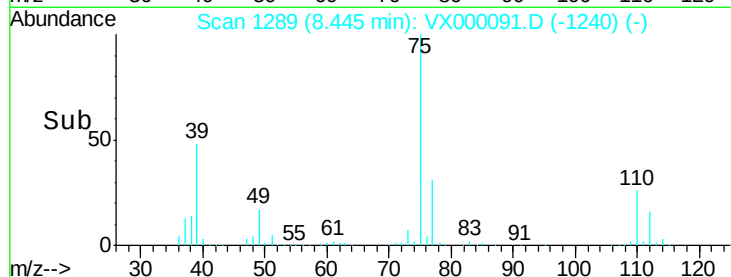
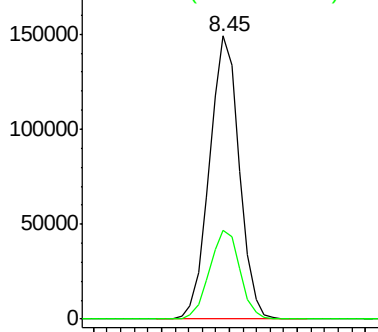
77 31.4 25.0 37.6

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 105.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

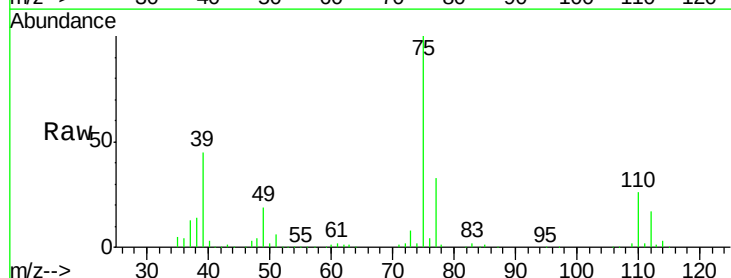
Tgt Ion: 75 Resp: 228923

Ion Ratio Lower Upper

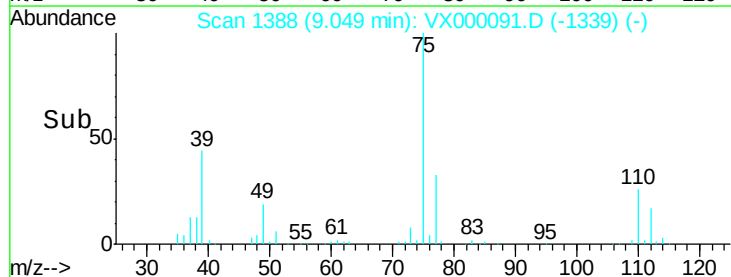
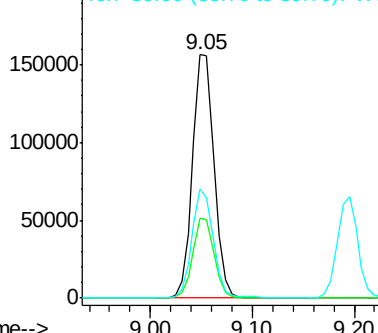
75 100

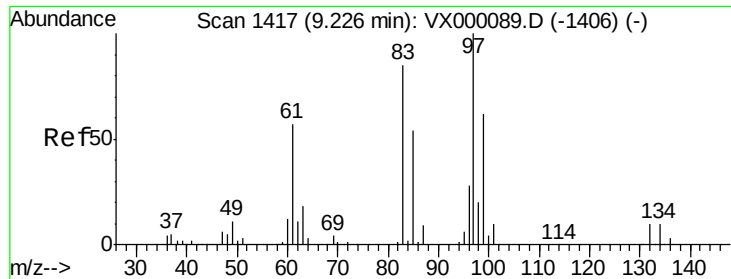
77 32.7 25.0 37.6

39 44.6 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 101.90 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

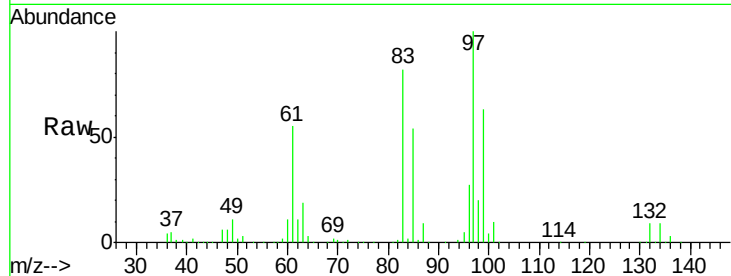
ClientSampled :

VSTDIC100

Tot Ion:	97	Resp:	149655
Ion Ratio	Lower	Upper	
97	100		
83	82.3	67.6	101.4
85	53.8	42.9	64.3
99	62.7	49.8	74.6

Manual Integrations
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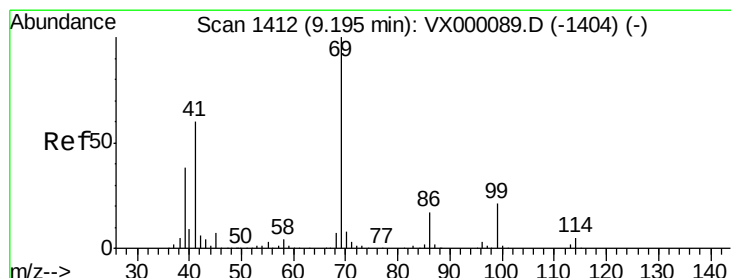
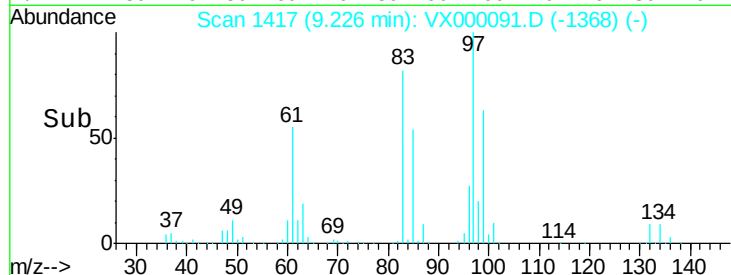
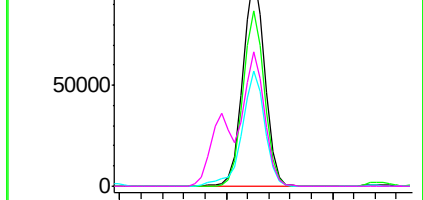


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 107.46 ug/l

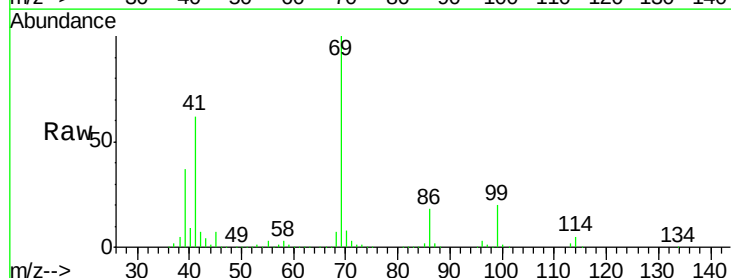
RT: 9.20 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

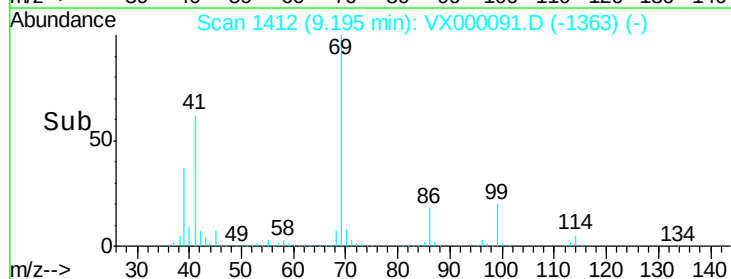
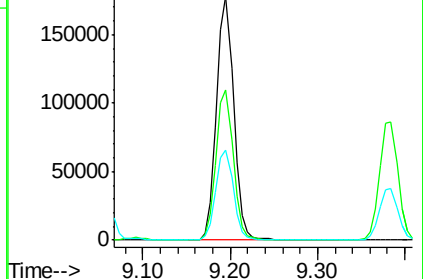
Tgt Ion:	69	Resp:	241916
Ion Ratio	Lower	Upper	
69	100		
41	61.7	49.4	74.0
39	38.1	31.3	46.9

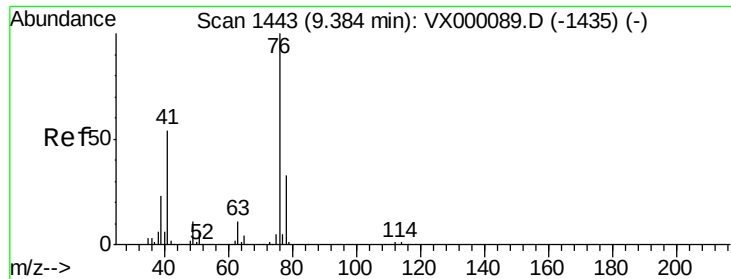


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





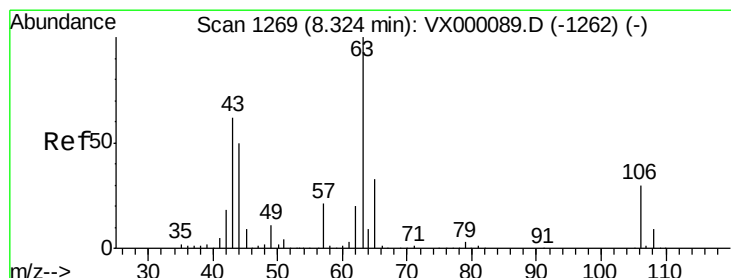
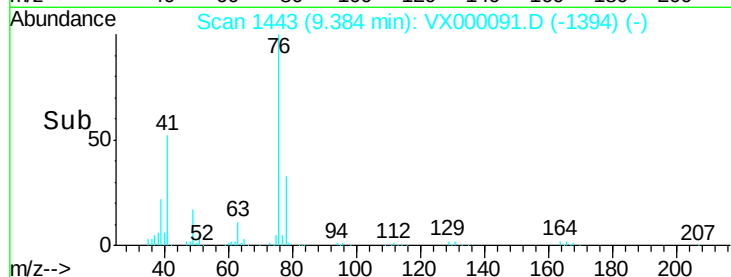
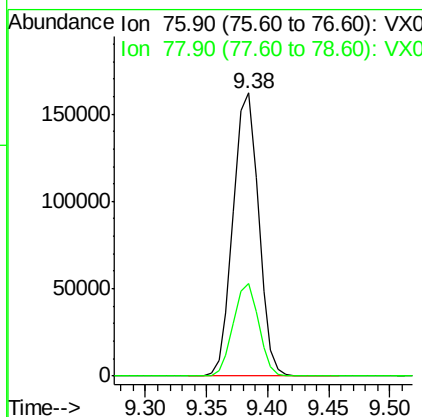
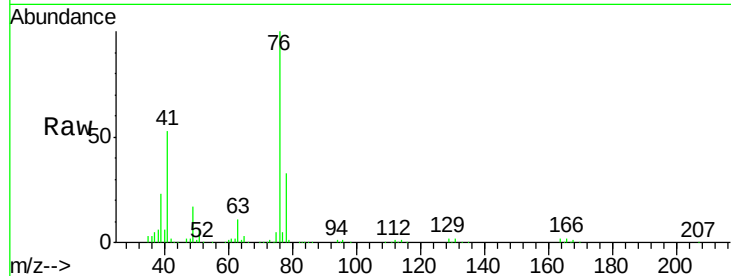
#57
 1,3-Dichloropropane
 Concen: 101.83 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

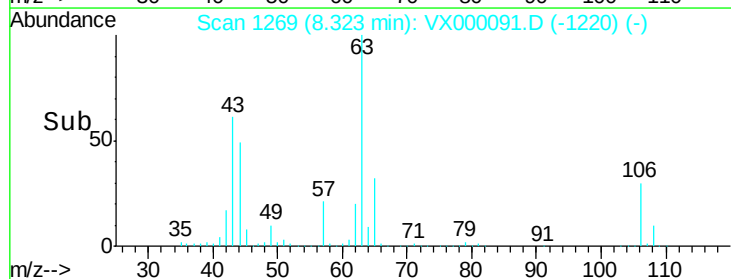
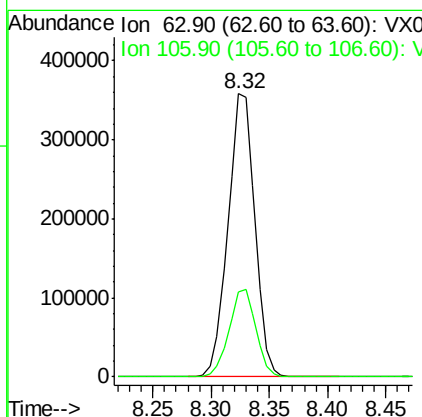
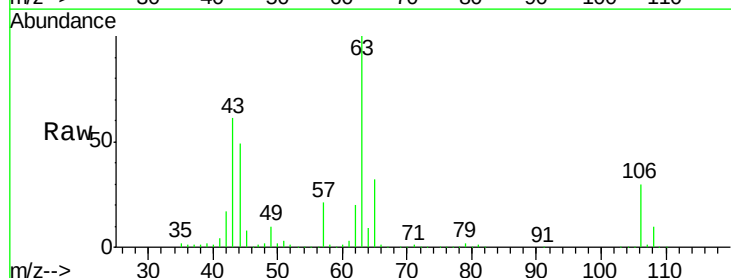
Manual Integrations
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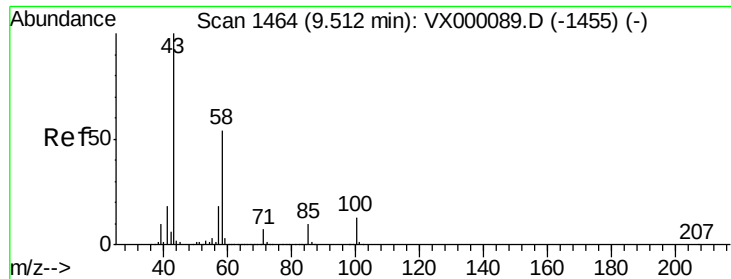
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#58
 2-Chloroethyl Vinyl ether
 Concen: 515.54 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.6	37.0





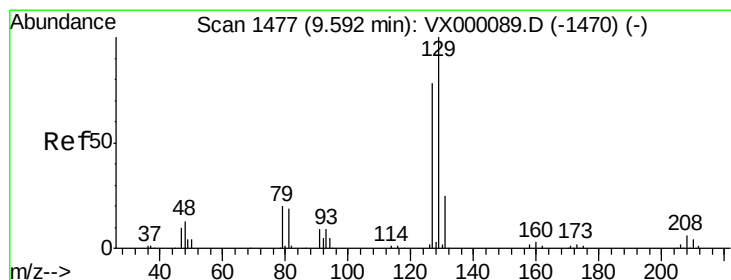
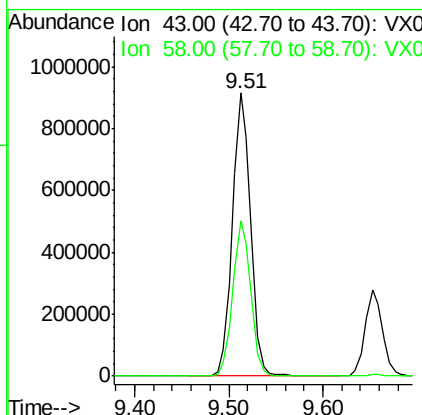
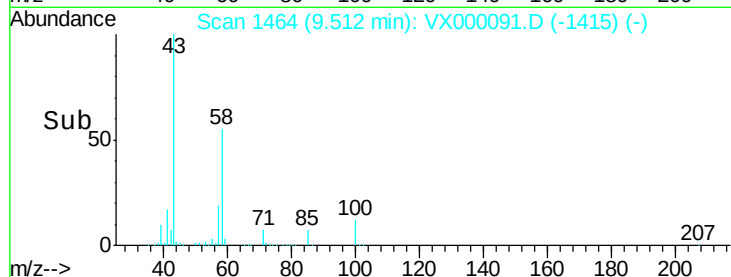
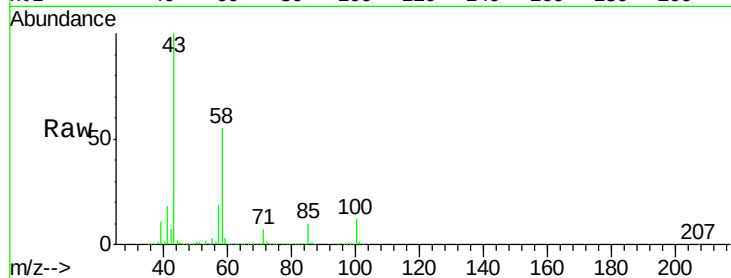
#59
2-Hexanone
Concen: 588.71 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 1220917
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3

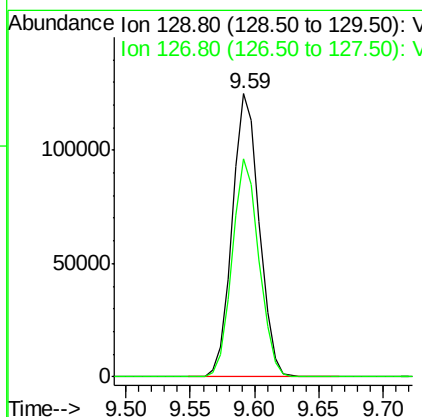
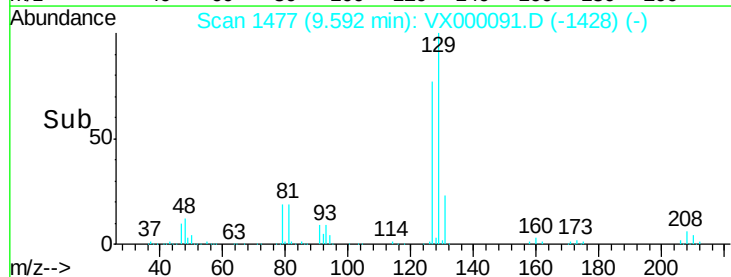
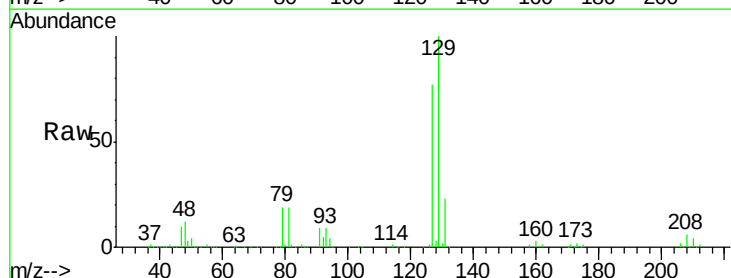
Manual Integrations
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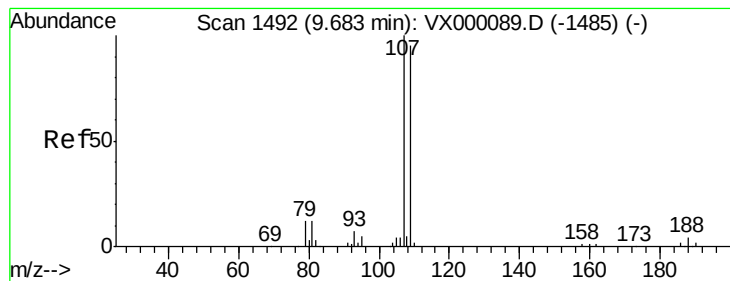
sam
2/16/2018 1:20:36 PM



#60
Dibromochloromethane
Concen: 107.97 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion: 129 Resp: 182253
Ion Ratio Lower Upper
129 100
127 76.5 37.6 112.9





#61

1,2-Dibromoethane

Concen: 104.23 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 167886

Ion Ratio Lower Upper

107 100

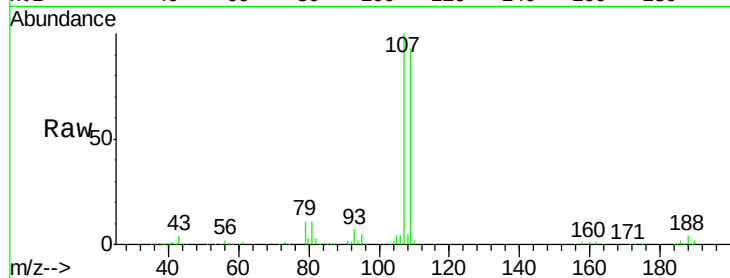
109 94.6 76.4 114.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

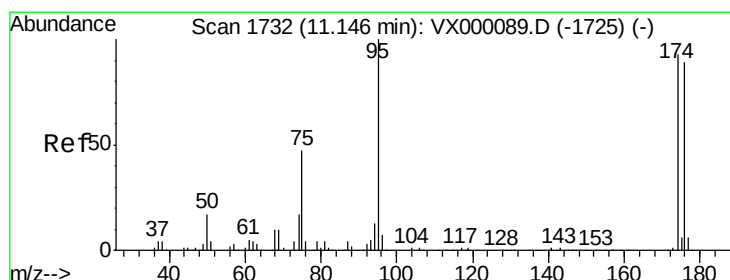
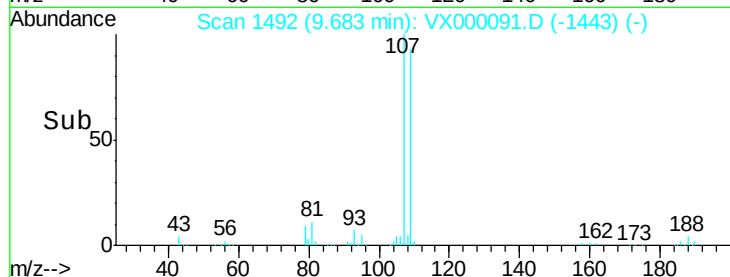
9.68

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 110.53 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

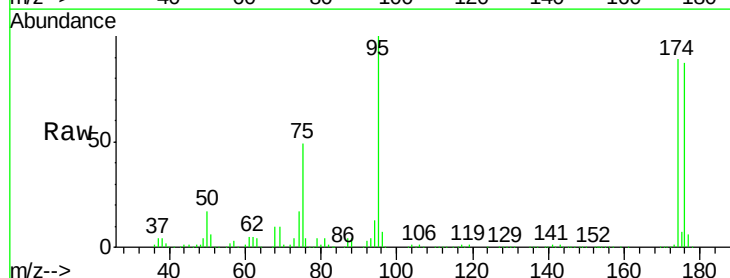
Tgt Ion: 95 Resp: 209219

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.8

176 90.7 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

11.15

200000

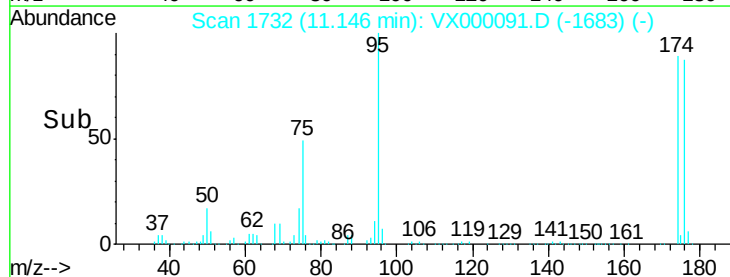
150000

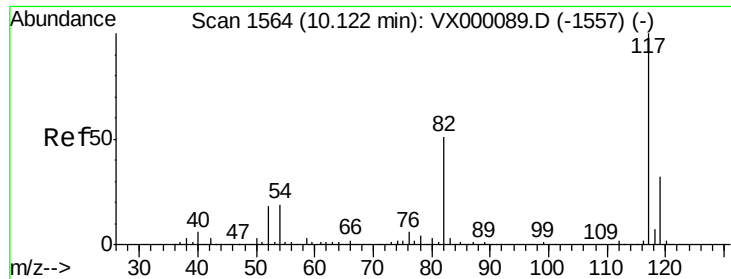
100000

50000

0

Time-->





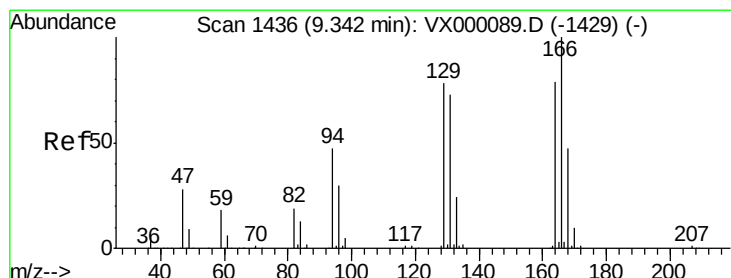
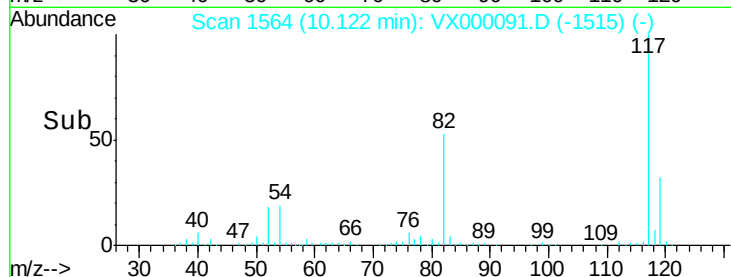
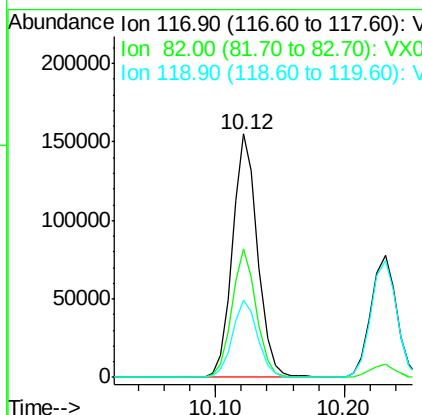
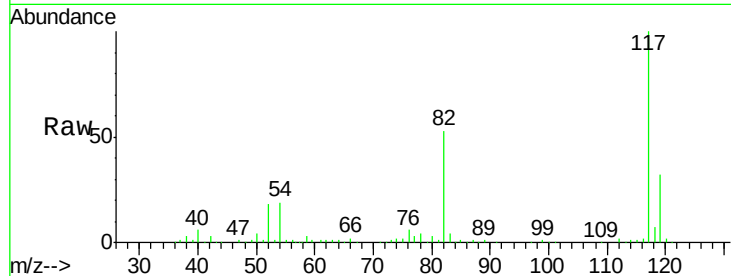
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.0	61.6
119	31.7	25.5	38.3

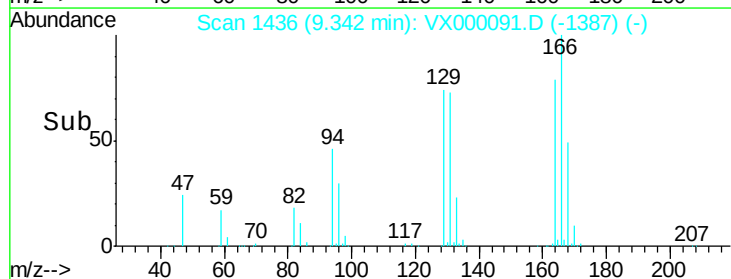
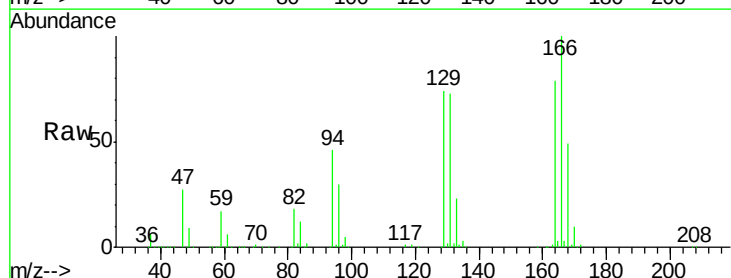
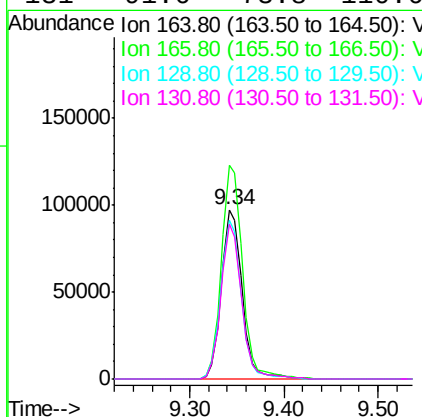
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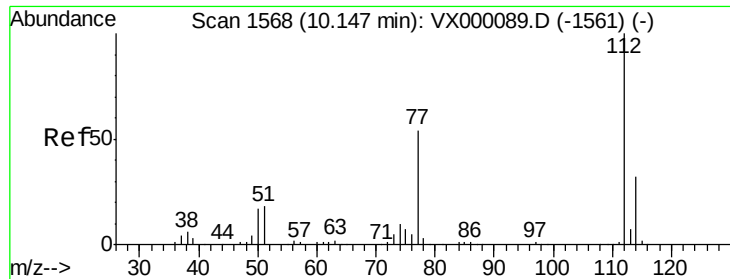
sam
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#64
Tetrachloroethene
Concen: 95.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.4	152.2
129	93.5	78.6	118.0
131	91.6	73.8	110.6





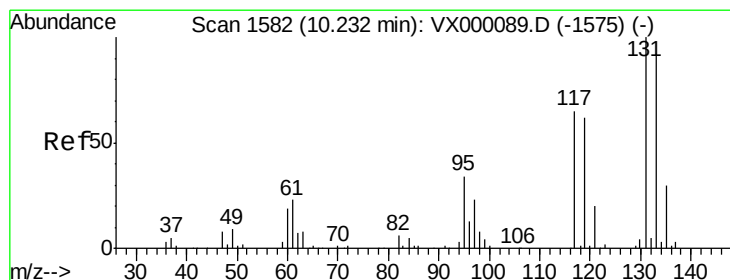
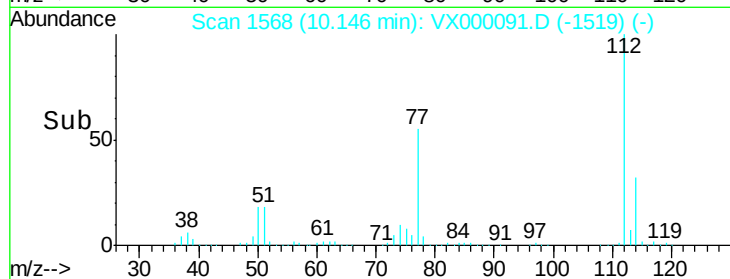
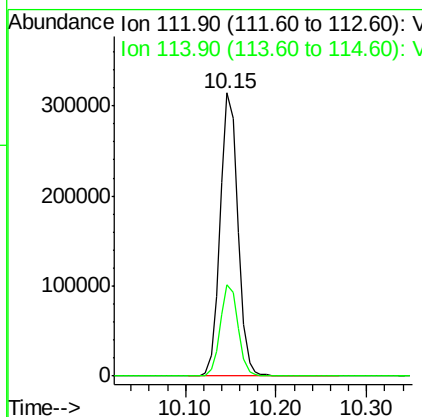
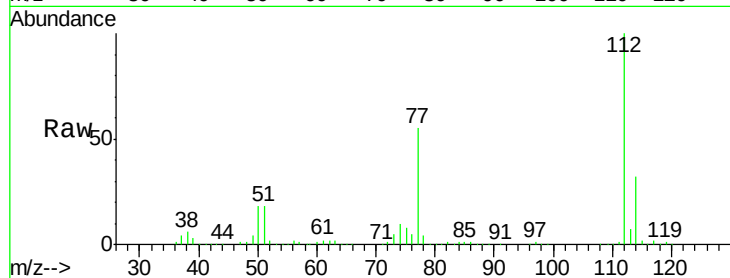
#65
Chlorobenzene
Concen: 98.34 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 429693
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

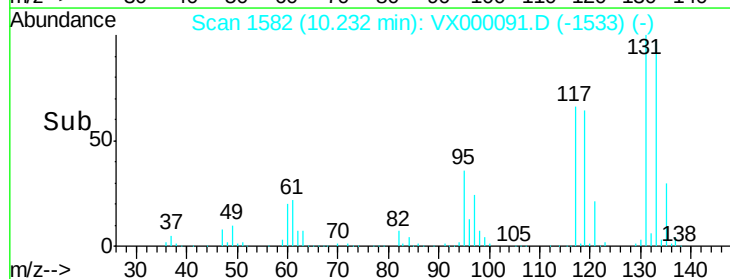
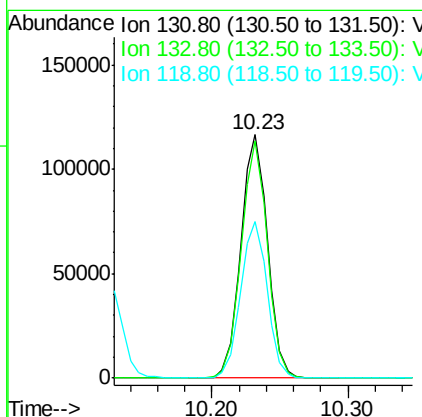
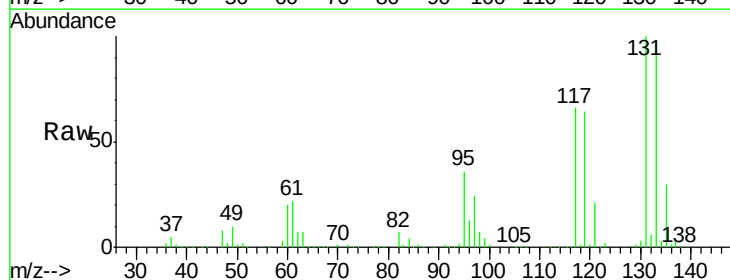
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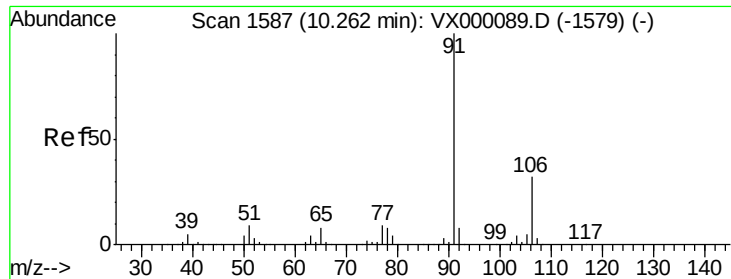
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#66
1,1,1,2-Tetrachloroethane
Concen: 101.29 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion:131 Resp: 158937
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 64.3 31.7 95.1





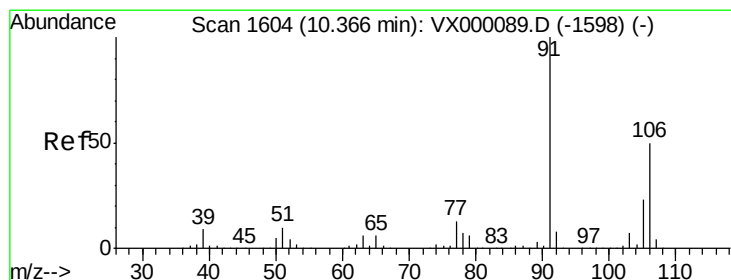
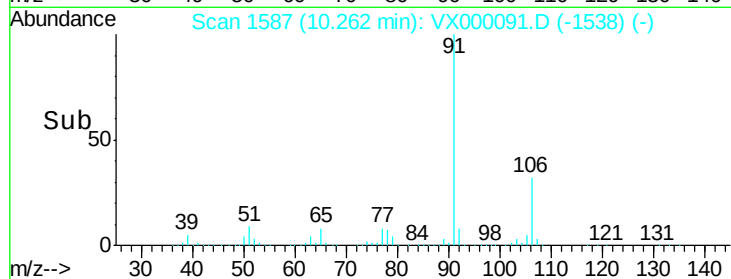
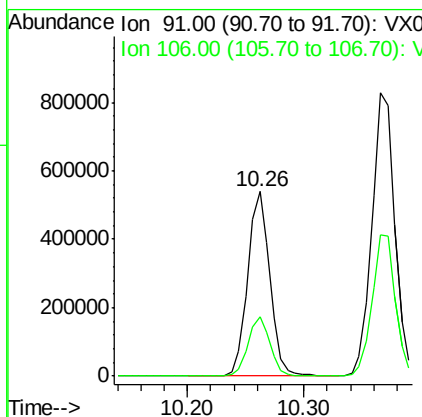
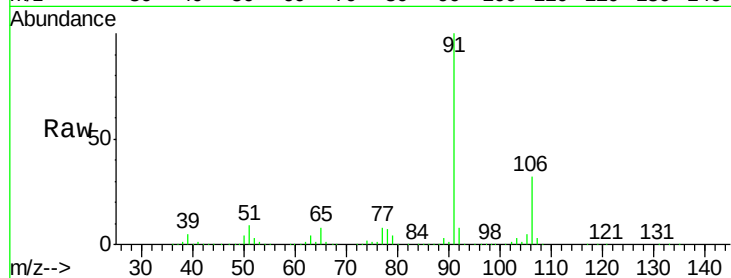
#67
Ethyl Benzene
Concen: 99.07 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 718597
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6

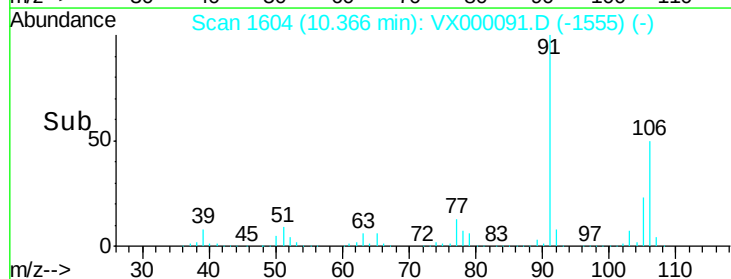
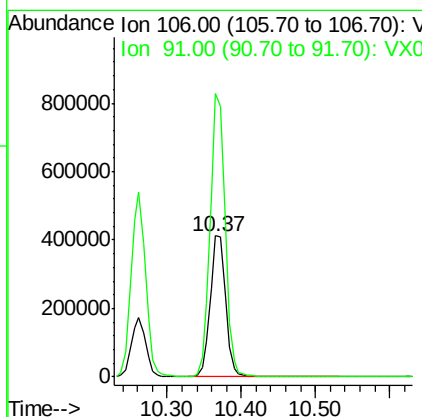
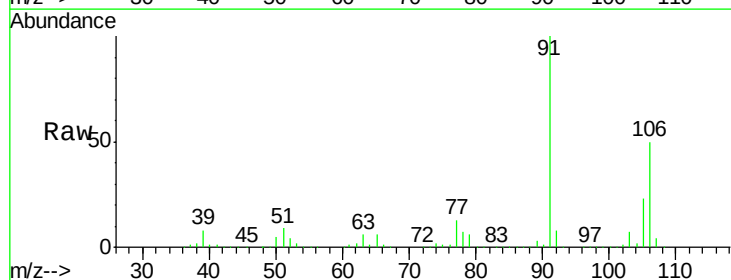
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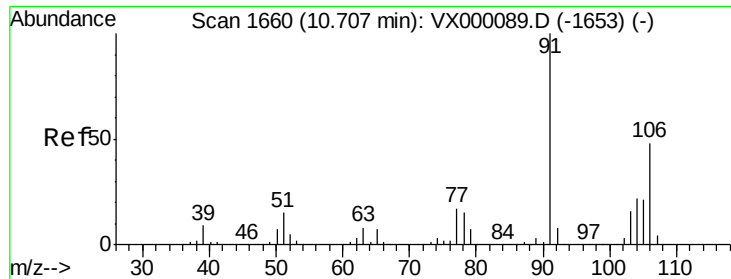
sam
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#68
m/p-Xylenes
Concen: 201.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion: 106 Resp: 580644
Ion Ratio Lower Upper
106 100
91 196.6 159.1 238.7





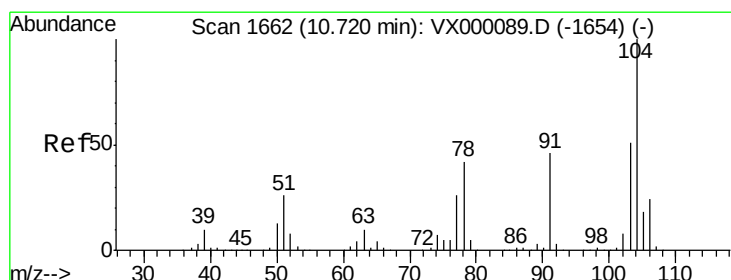
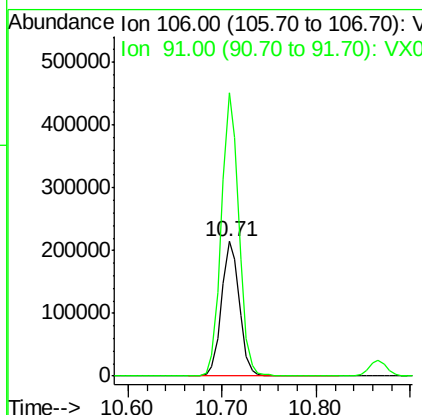
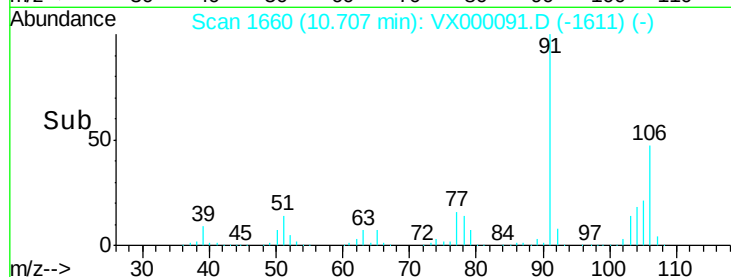
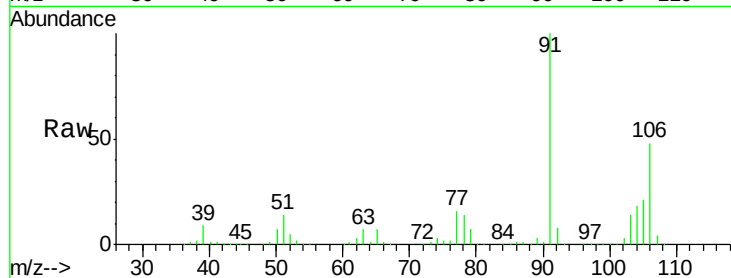
#69
o-Xylene
Concen: 101.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 281736
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.6

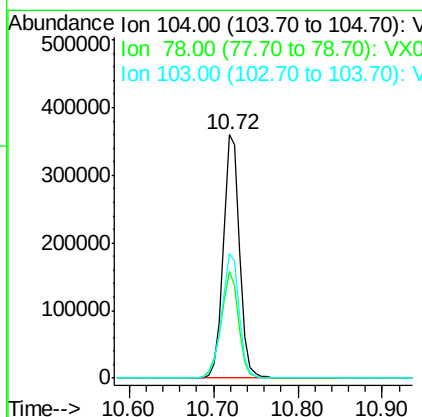
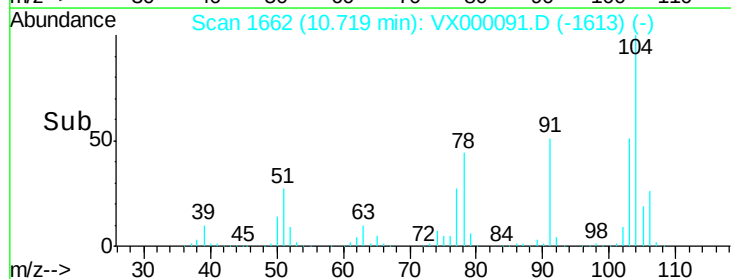
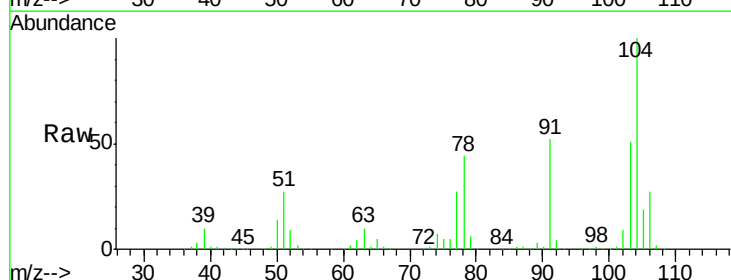
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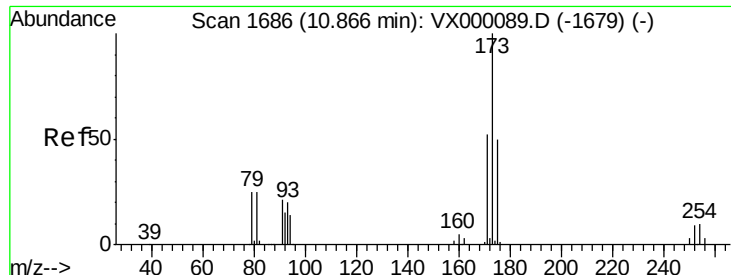
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#70
Styrene
Concen: 102.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion:104 Resp: 481129
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.4
103 55.0 44.2 66.4





#71

Bromoform

Concen: 111.67 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 164188

Ion Ratio Lower Upper

173 100

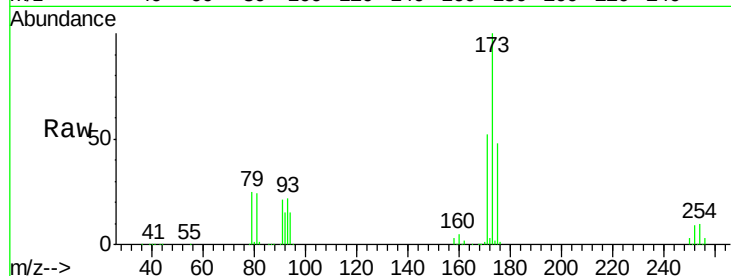
175 48.6 24.3 73.0

254 0.1 0.0 0.0#

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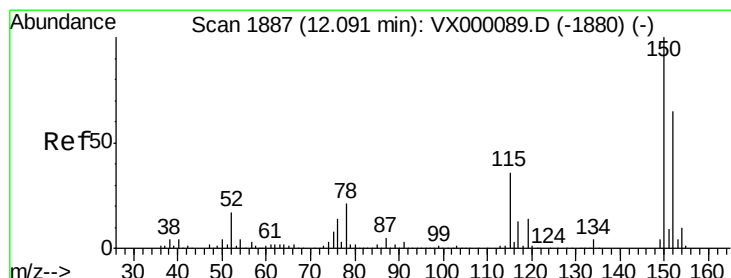
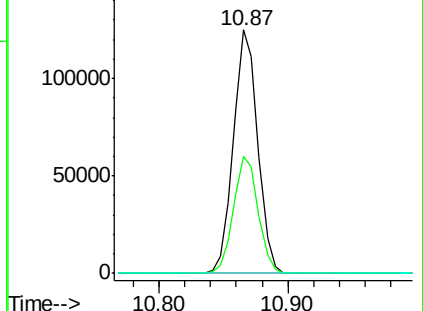
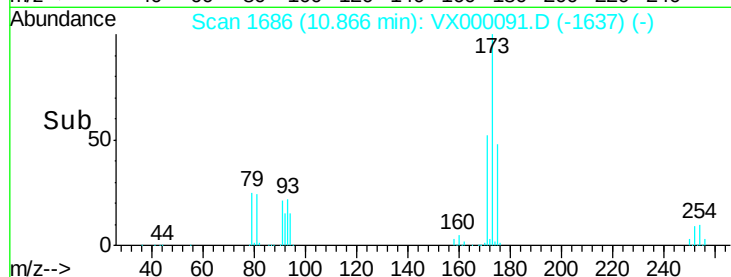
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX000091.D

Acq: 14 Feb 2018 17:30

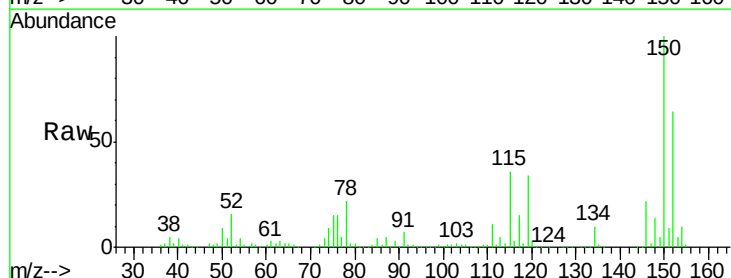
Tgt Ion:152 Resp: 127980

Ion Ratio Lower Upper

152 100

115 98.5 39.1 117.2

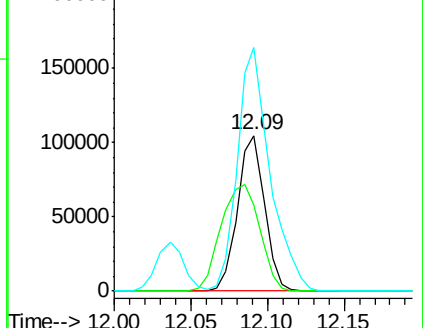
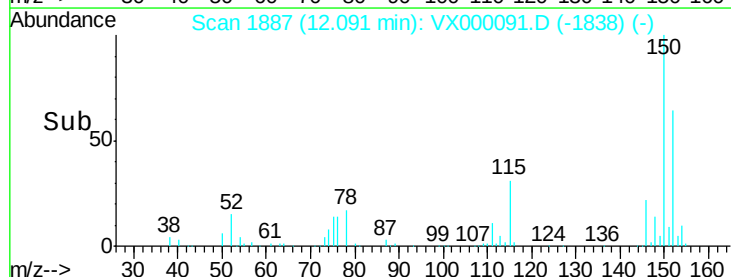
150 189.0 0.0 348.2

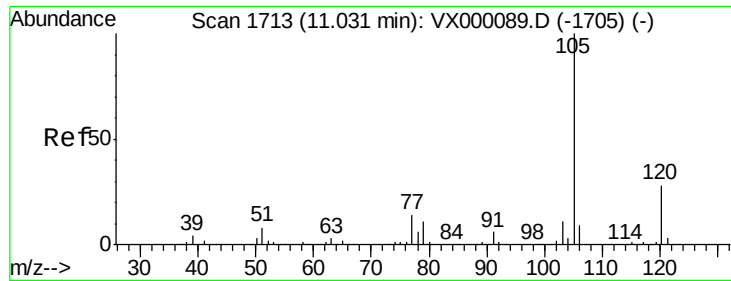


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





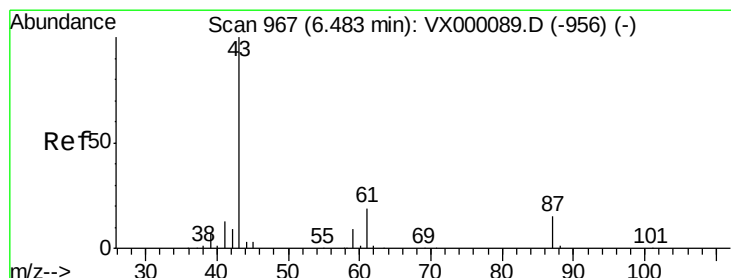
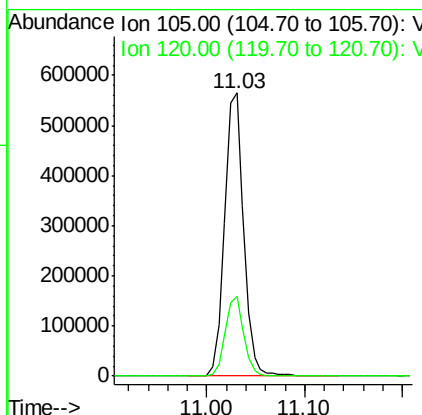
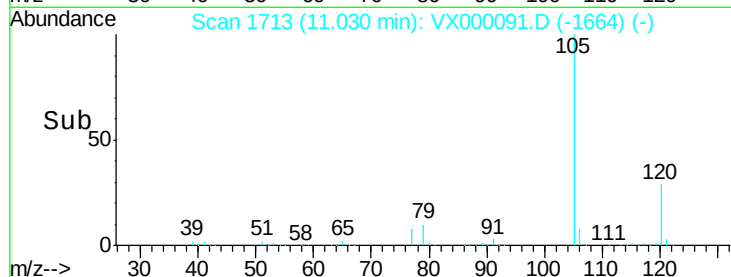
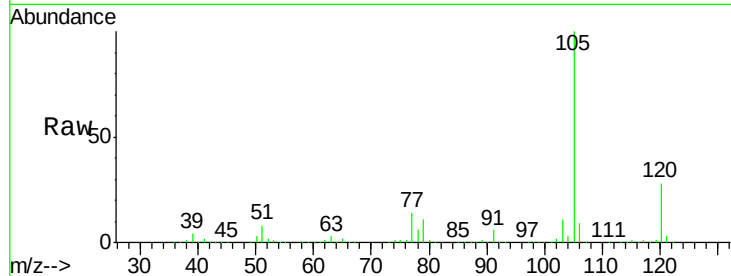
#73
Isopropylbenzene
Concen: 93.63 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	14.0	42.0

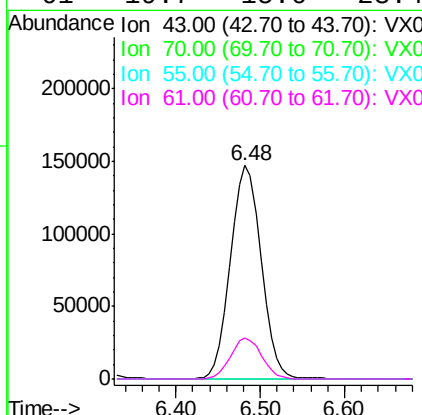
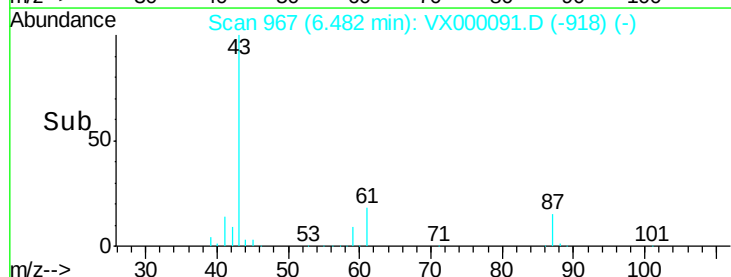
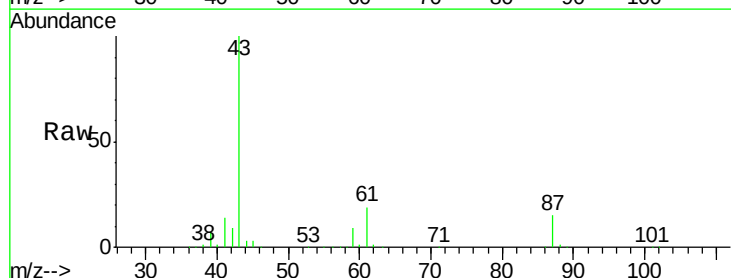
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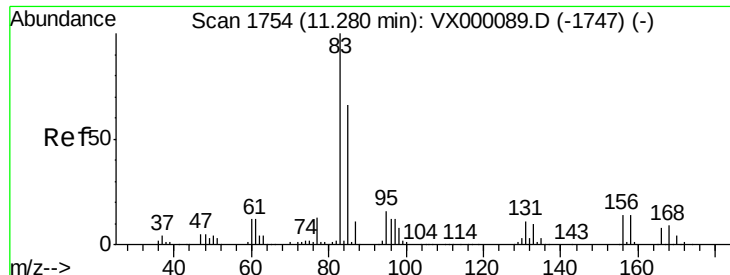
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#74
N-ethyl acetate
Concen: 89.02 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	19.7	15.6	23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 99.28 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

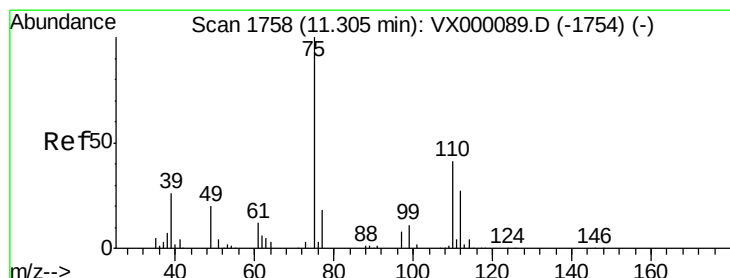
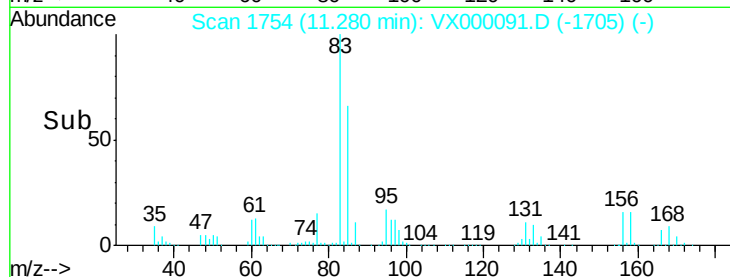
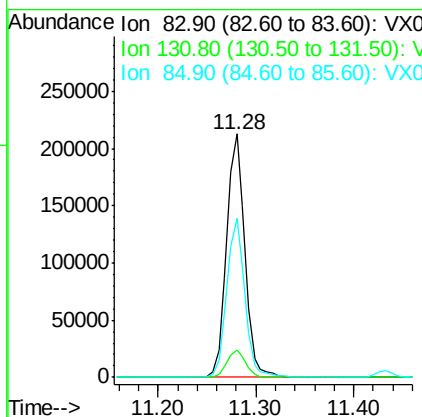
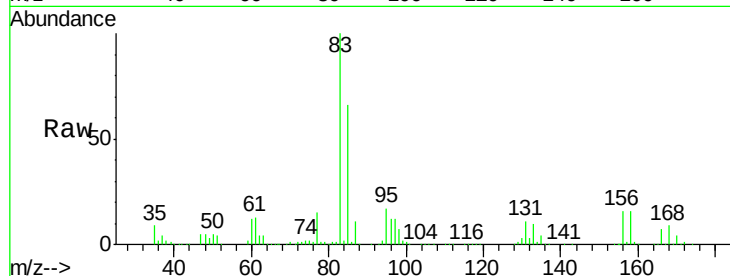
Instrument :

ClientSampled :
VSTDIC100

Tot Ion:	83	Resp:	274591
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	65.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 117.42 ug/l m

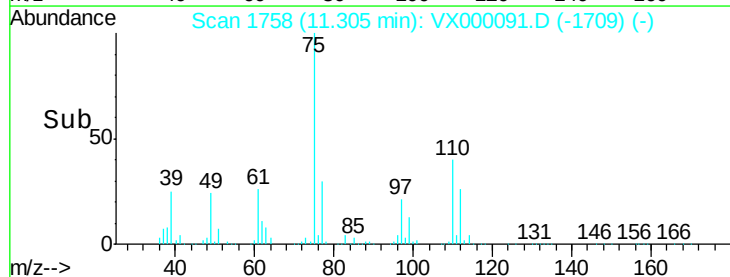
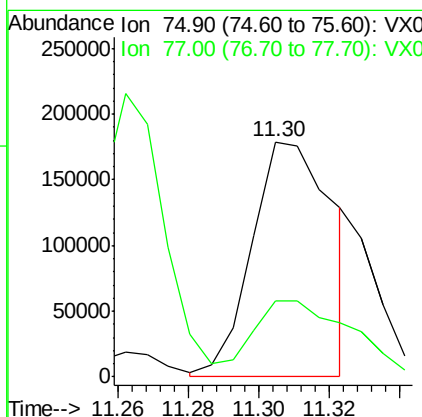
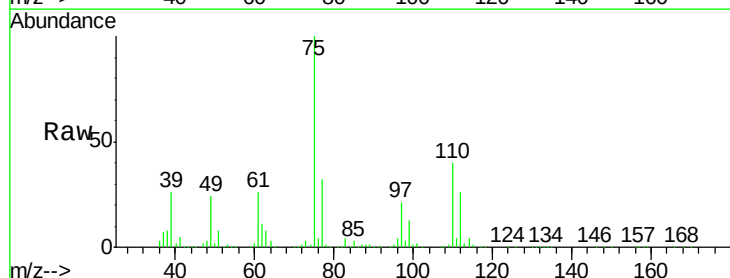
RT: 11.30 min Scan# 1758

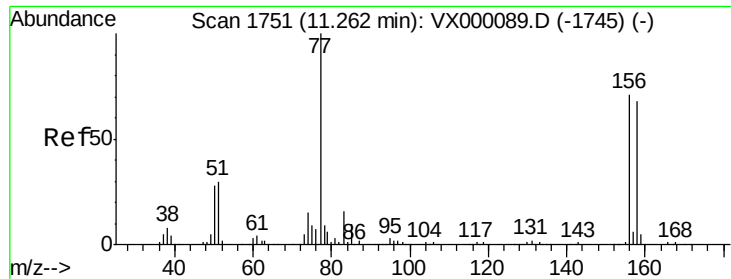
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	75	Resp:	285093
Ion Ratio	Lower	Upper	
75	100		
77	39.8	22.8	68.3





#77

Bromobenzene

Concen: 95.75 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

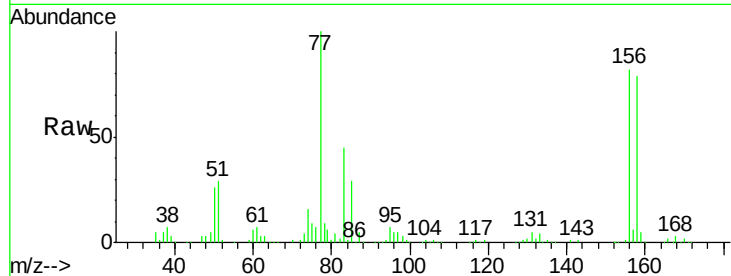
Instrument :

ClientSampled :
VSTDIC100

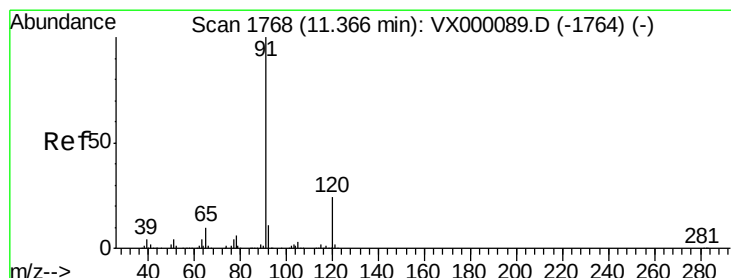
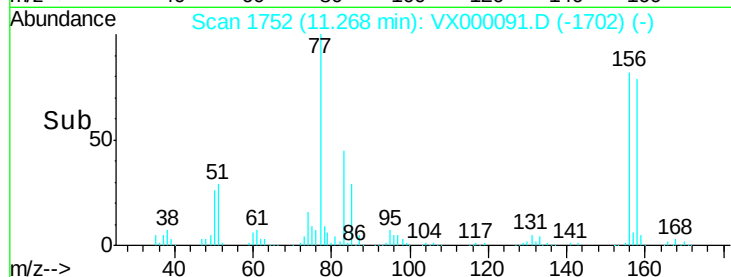
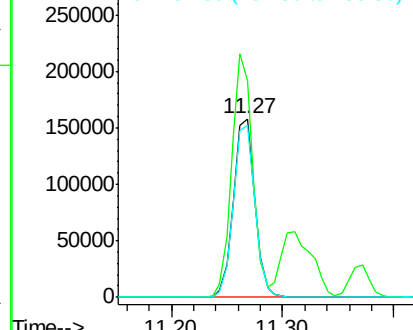
Tot Ion	Ratio	Resp	Lower	Upper
156	100	210649		
77	131.9	67.0	201.0	
158	97.1	48.3	144.9	

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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: 93.81 ug/l

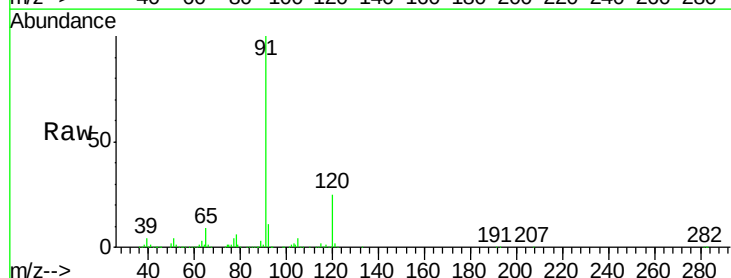
RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

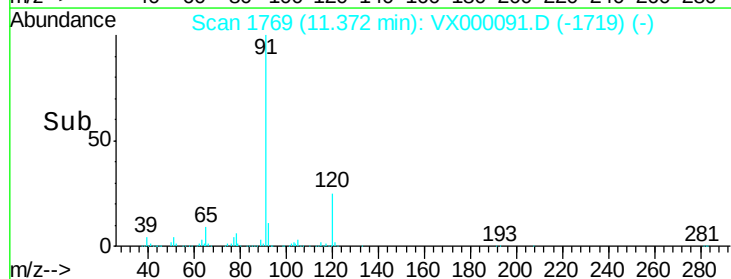
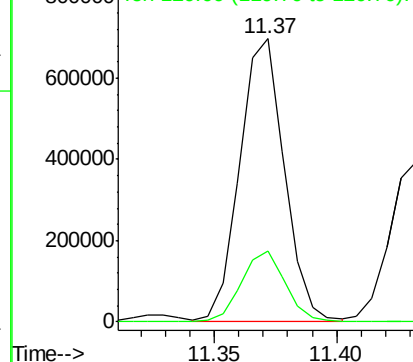
Lab File: VX000091.D

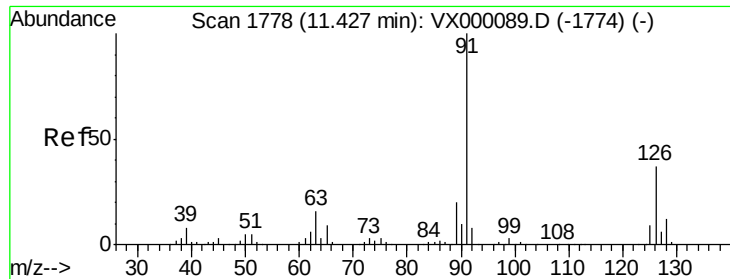
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	885114		
120	24.8	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: 94.09 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 512336

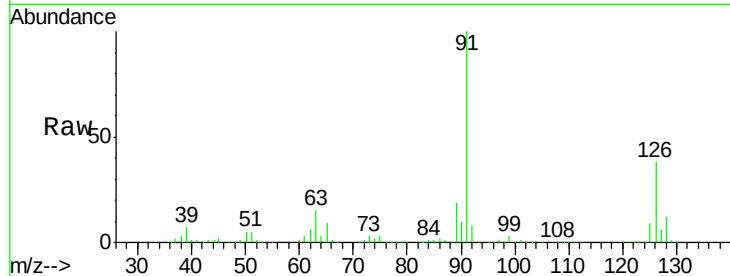
Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.2

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)

800000

600000

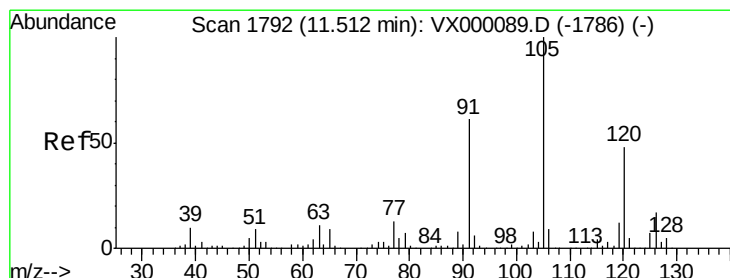
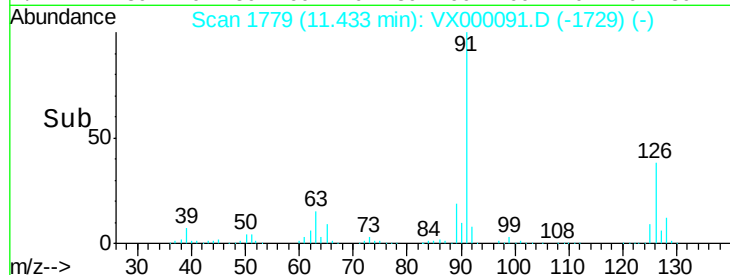
400000

200000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 95.49 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX000091.D

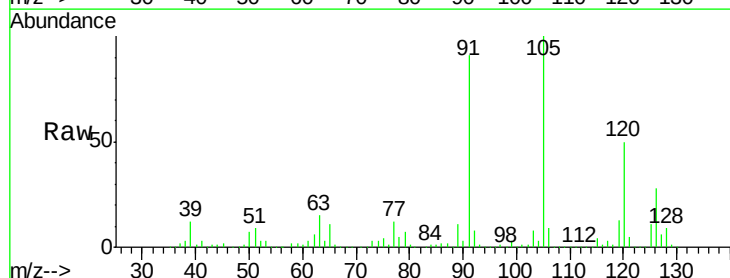
Acq: 14 Feb 2018 17:30

Tgt Ion: 105 Resp: 651009

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)

600000

500000

400000

300000

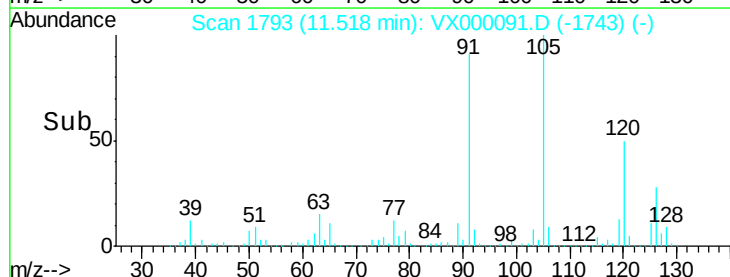
200000

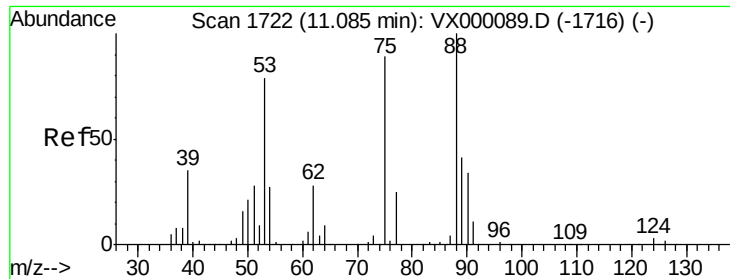
100000

0

11.50 11.52 11.54 11.56 11.58 11.60

Time-->





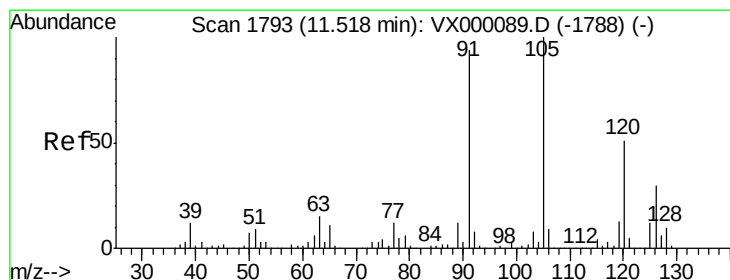
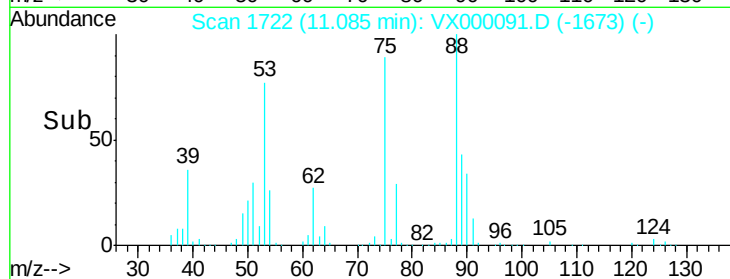
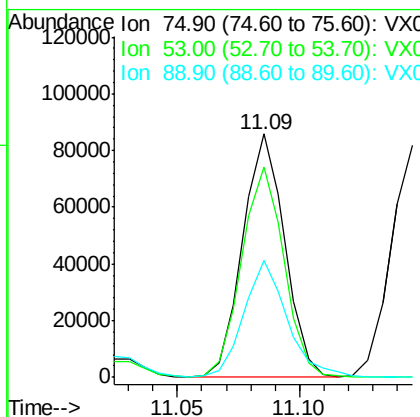
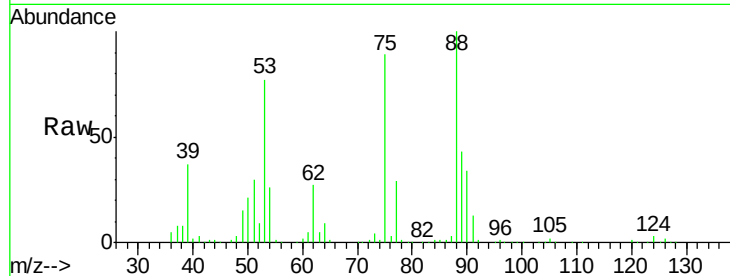
#81
trans-1,4-Dichloro-2-butene
Concen: 105.25 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.5	72.3	108.5
89	50.0	40.6	60.8

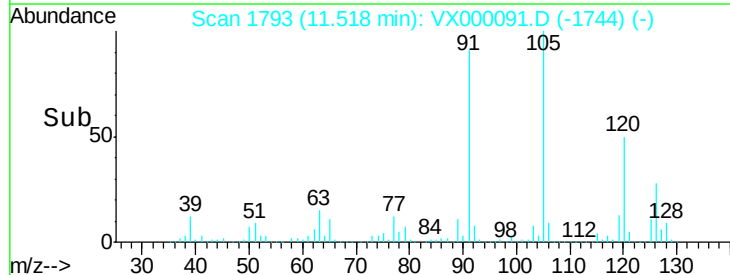
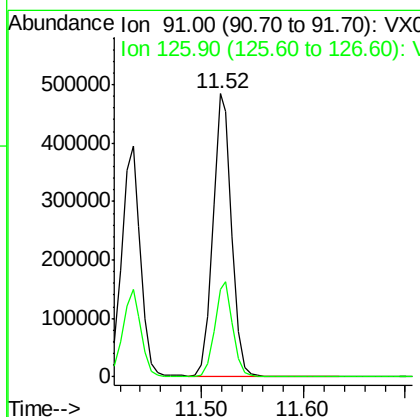
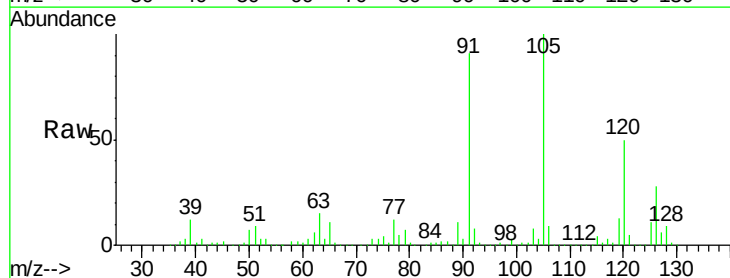
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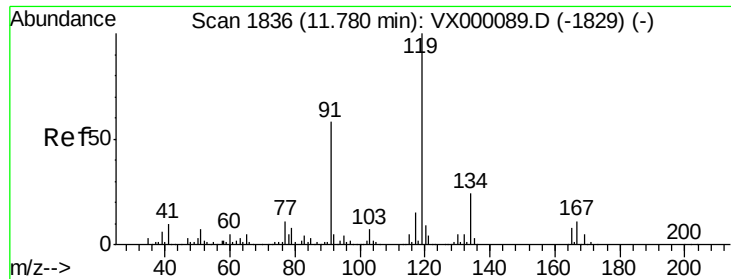
sam
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#82
4-Chlorotoluene
Concen: 95.72 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.7	50.0





#83

tert-Butylbenzene

Concen: 94.45 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

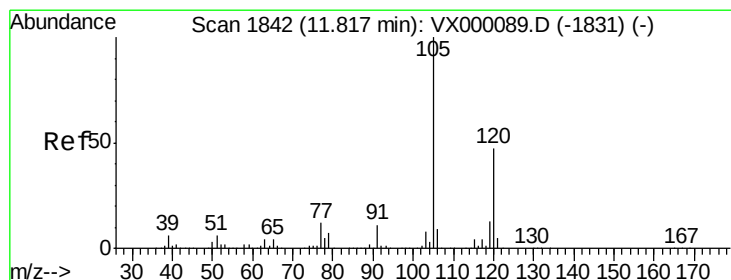
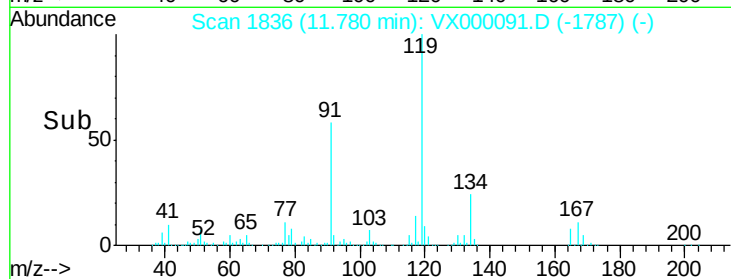
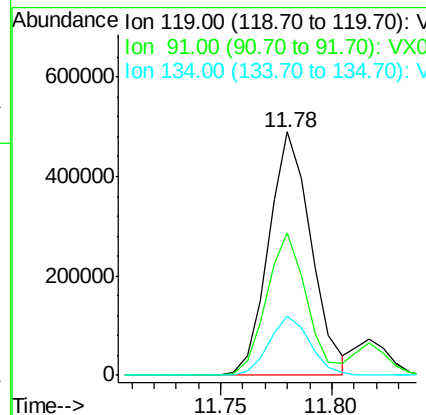
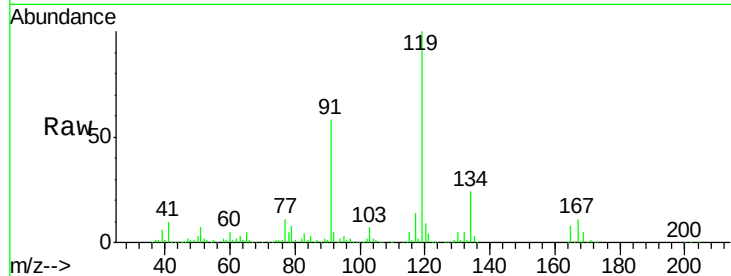
ClientSampled :

VSTDIC100

Tot Ion:	119	Resp:	648091
Ion Ratio	Lower	Upper	
119	100		
91	55.7	28.4	85.2
134	23.6	11.8	35.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 97.25 ug/l

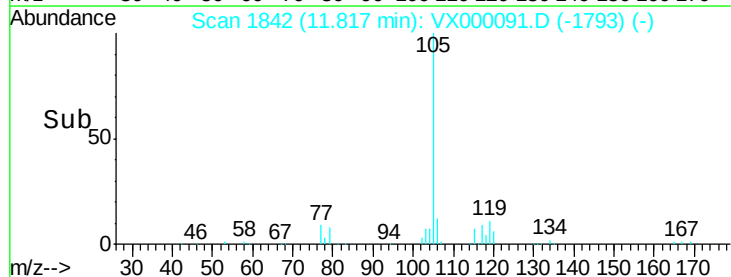
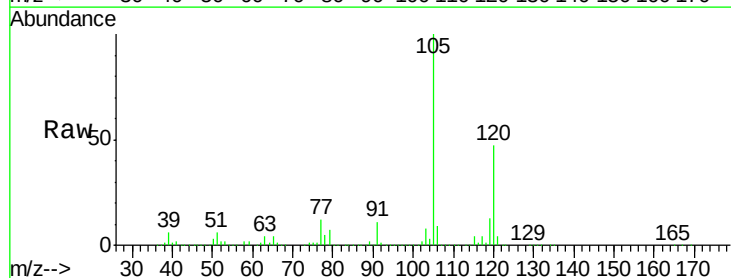
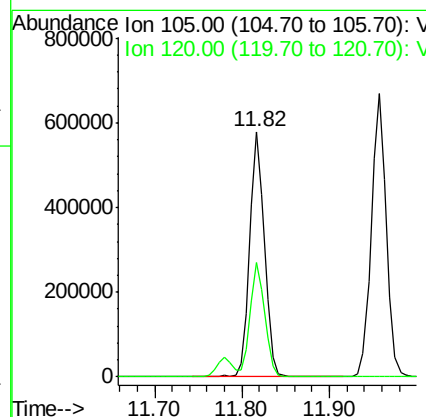
RT: 11.82 min Scan# 1842

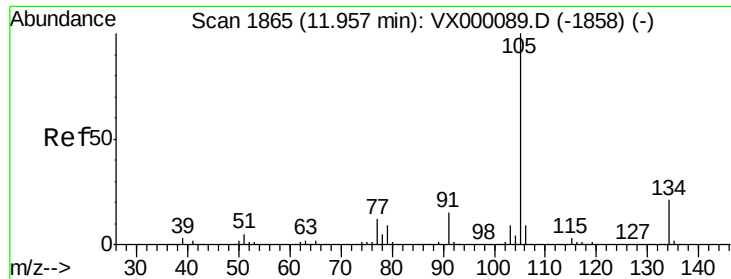
Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	105	Resp:	679266
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 94.89 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 802965

Ion Ratio Lower Upper

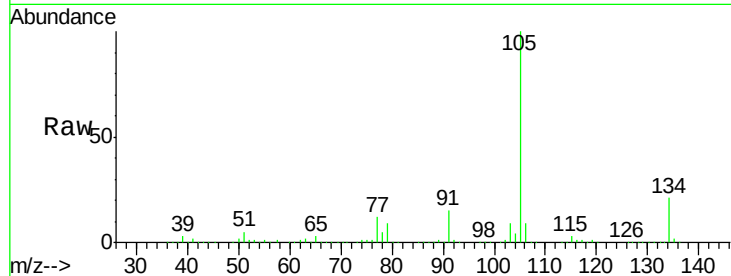
105 100

134 21.2 10.5 31.6

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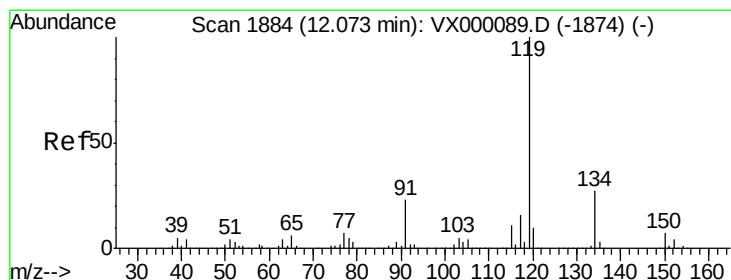
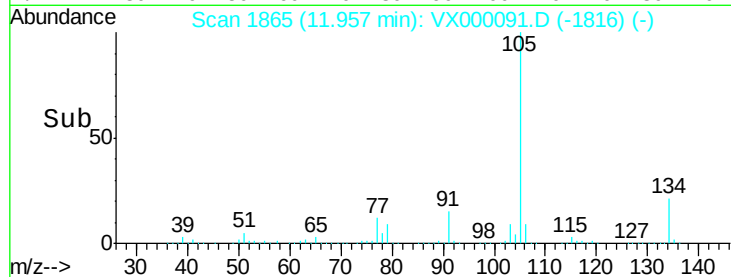
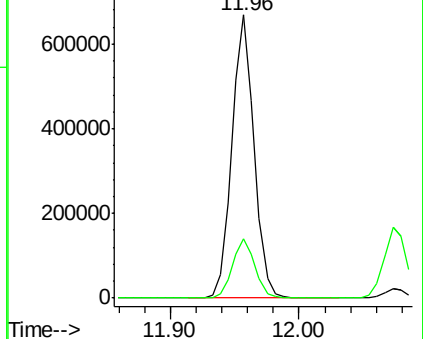
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 95.37 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

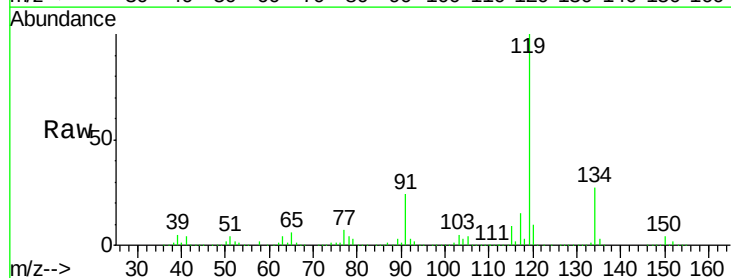
Tgt Ion:119 Resp: 727246

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

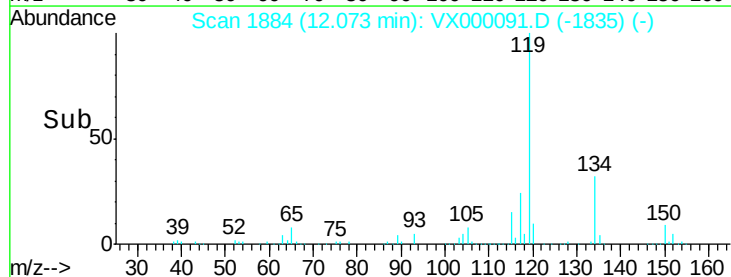
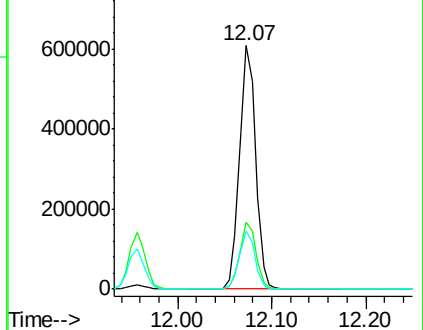
91 23.2 11.7 35.0

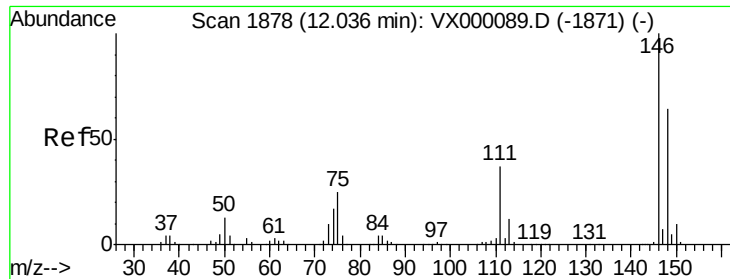


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





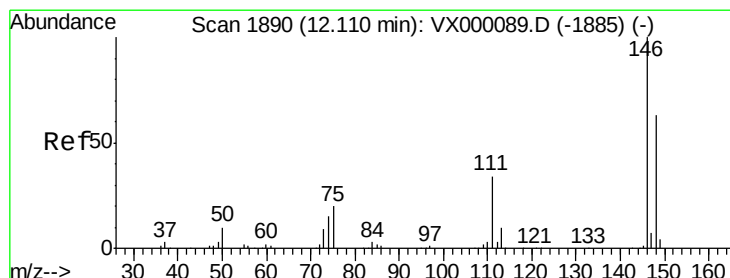
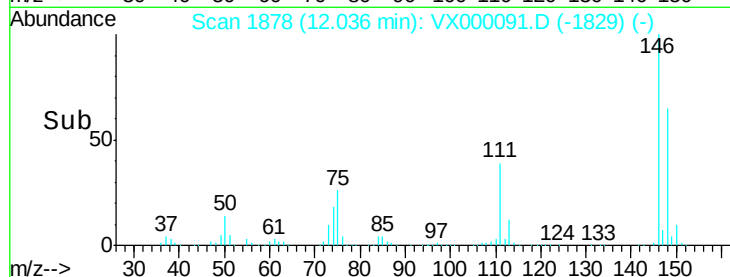
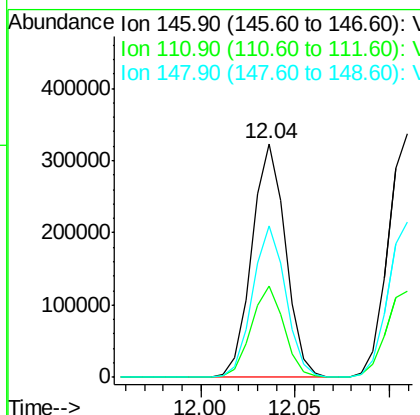
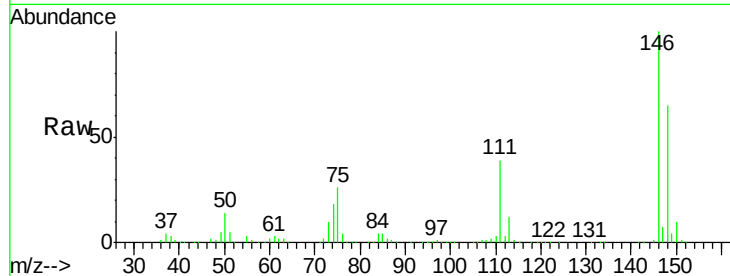
#87
 1,3-Dichlorobenzene
 Concen: 96.51 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.3
148	64.0	32.2	96.6

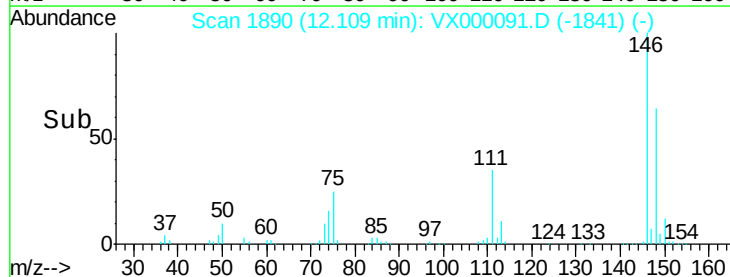
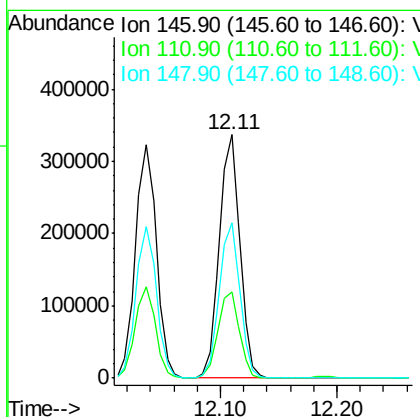
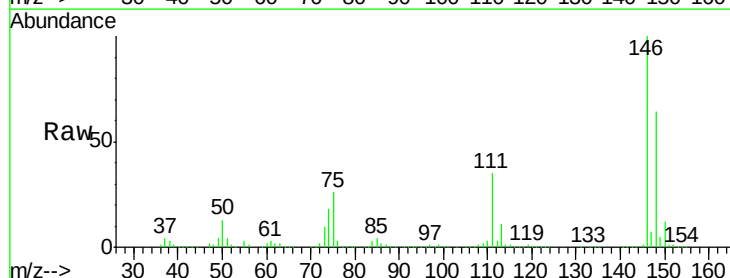
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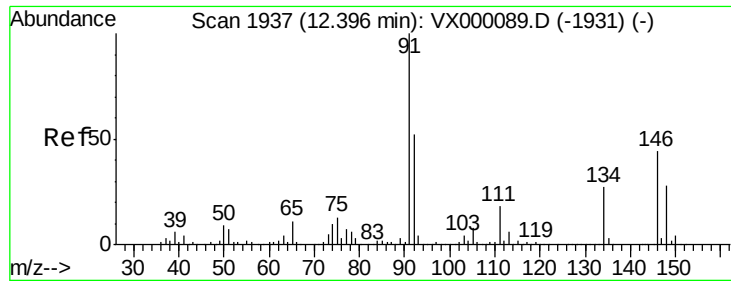
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#88
 1,4-Dichlorobenzene
 Concen: 96.56 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	64.0	31.9	95.9





#89

n-Butylbenzene

Concen: 95.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Instrument :

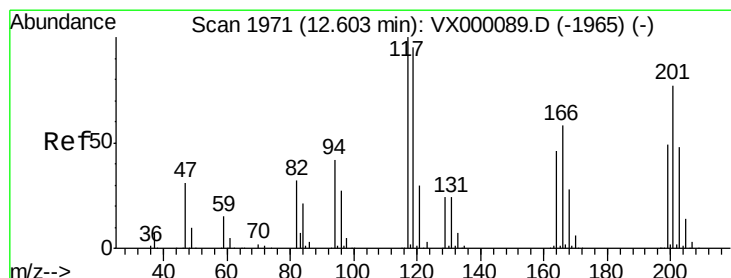
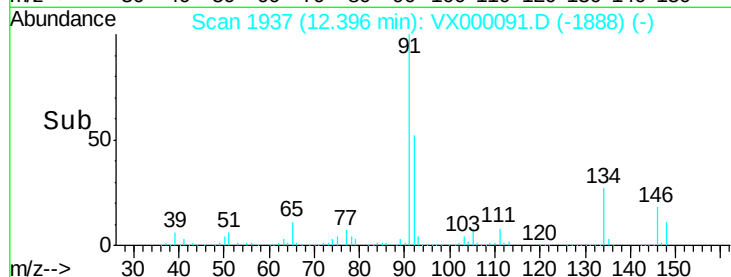
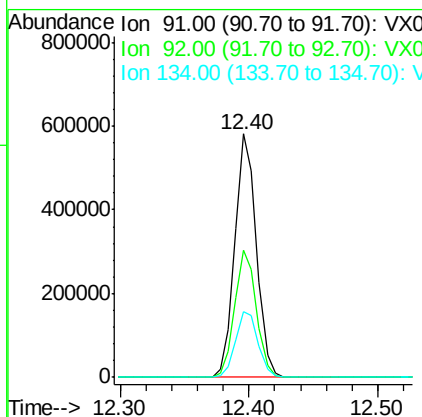
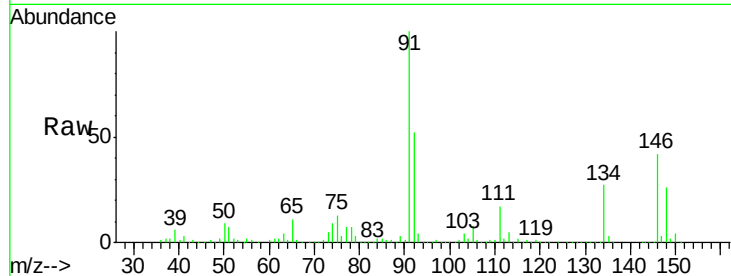
ClientSampled :

VSTDIC100

Tot Ion:	91	Resp:	680321
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.2	78.6
134	28.0	14.3	42.9

Manual Integrations
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#90

Hexachloroethane

Concen: 97.26 ug/l

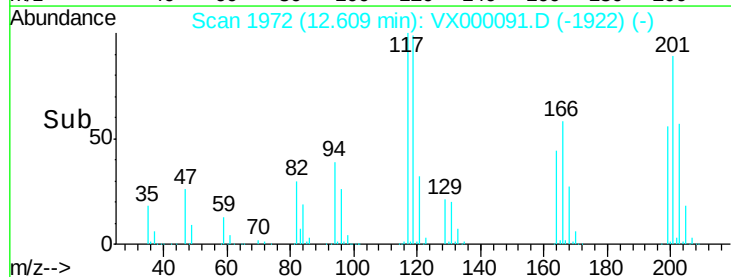
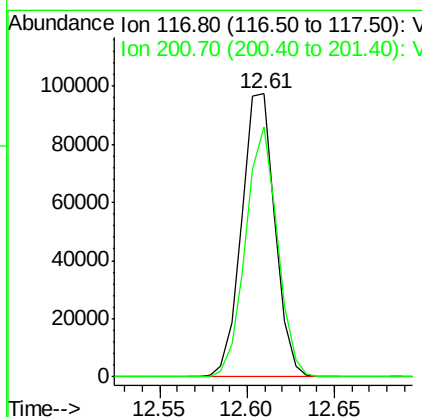
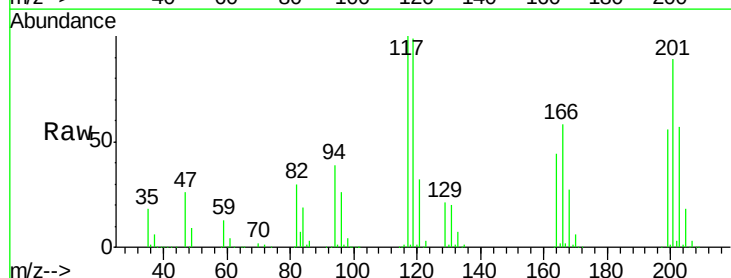
RT: 12.61 min Scan# 1972

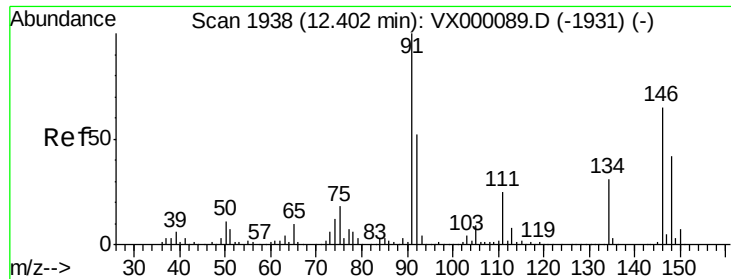
Delta R.T. 0.01 min

Lab File: VX000091.D

Acq: 14 Feb 2018 17:30

Tgt Ion:	117	Resp:	128862
Ion Ratio	Lower	Upper	
117	100		
201	84.3	41.1	123.4





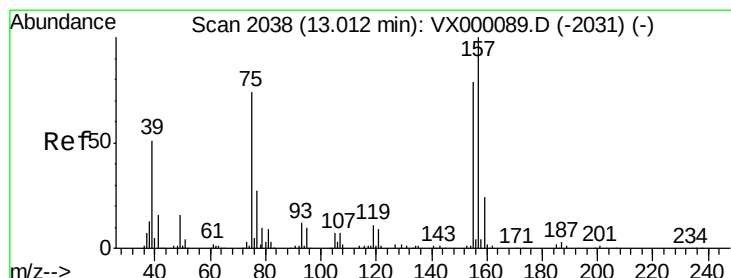
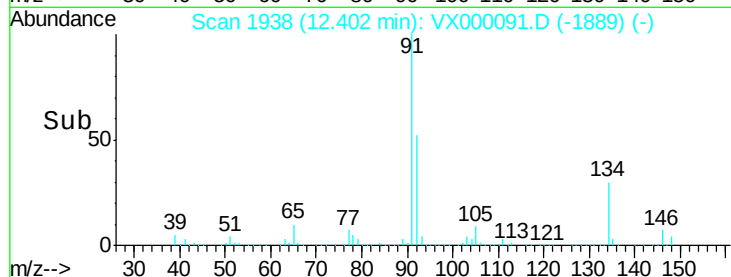
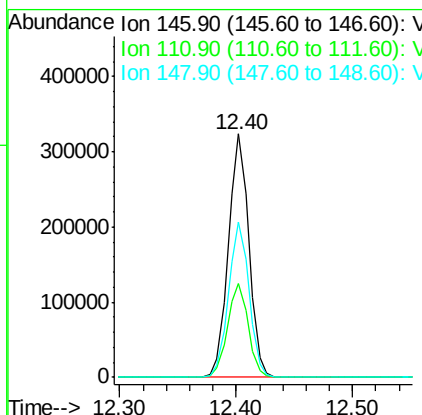
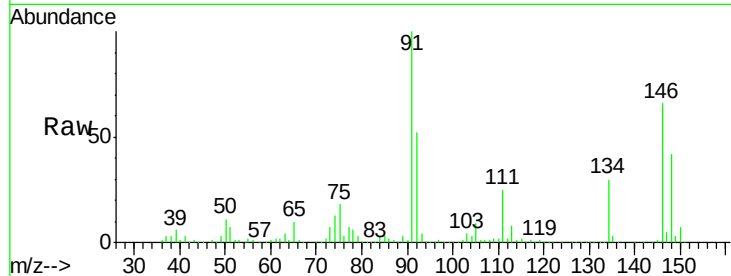
#91
 1,2-Dichlorobenzene
 Concen: 97.50 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	396285		
111	38.6	19.6	58.8	
148	63.7	32.4	97.0	

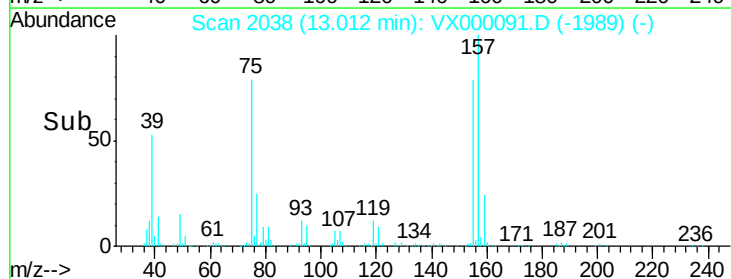
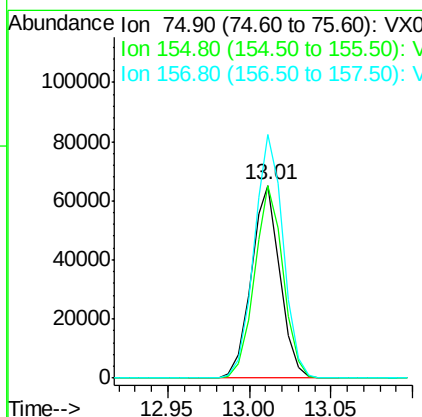
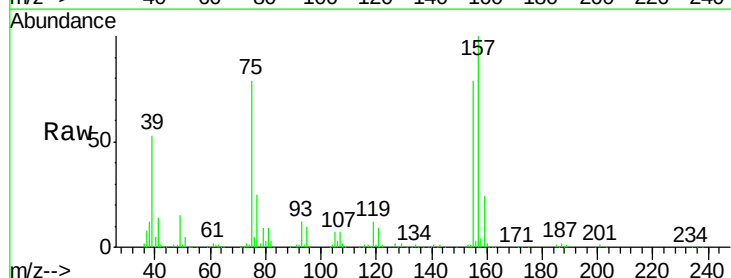
Manual Integrations
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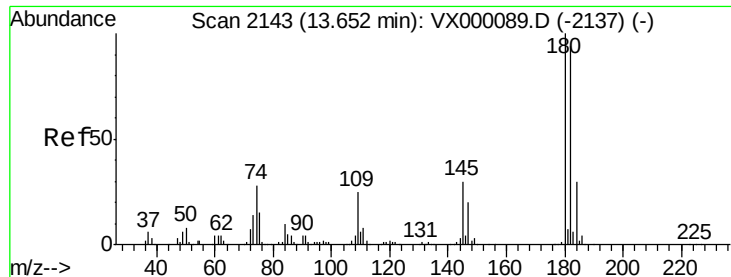
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.10 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79279		
155	99.4	49.3	147.9	
157	128.1	63.7	191.1	





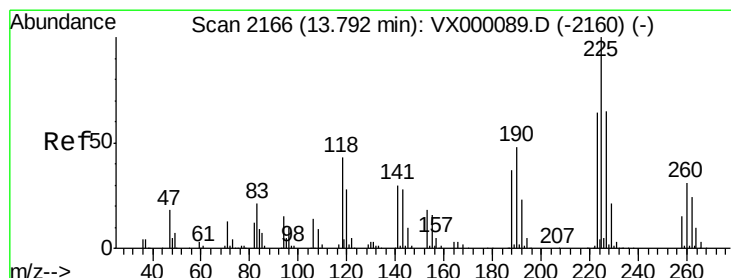
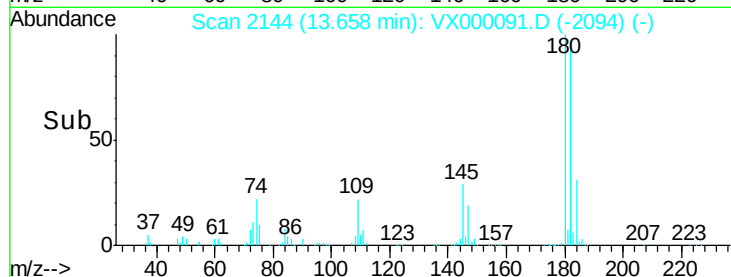
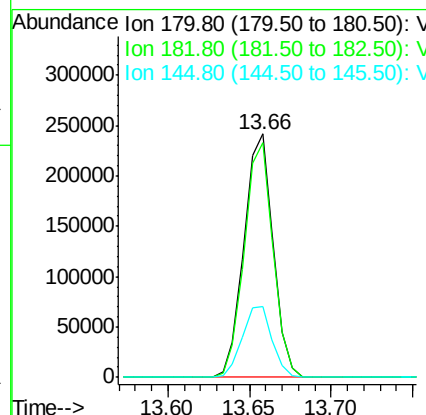
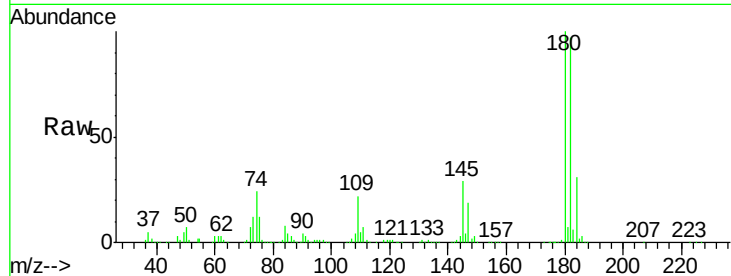
#93
 1,2,4-Trichlorobenzene
 Concen: 96.39 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Instrument :
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	299712		
182	95.7	47.8	143.4	
145	30.0	14.7	44.1	

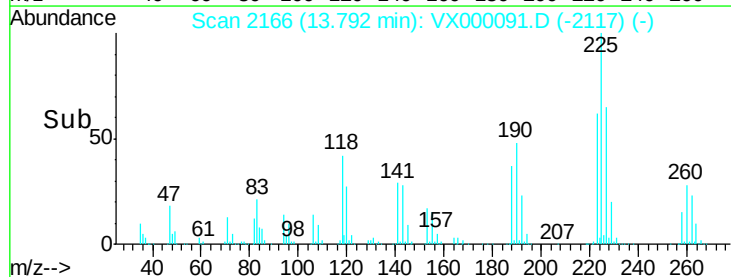
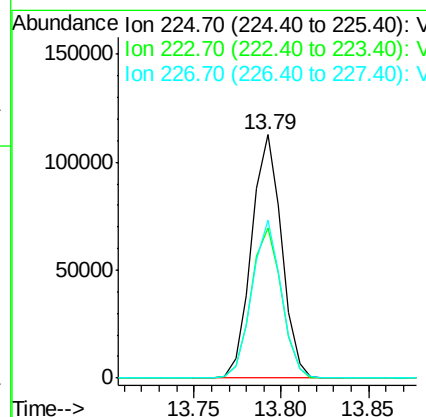
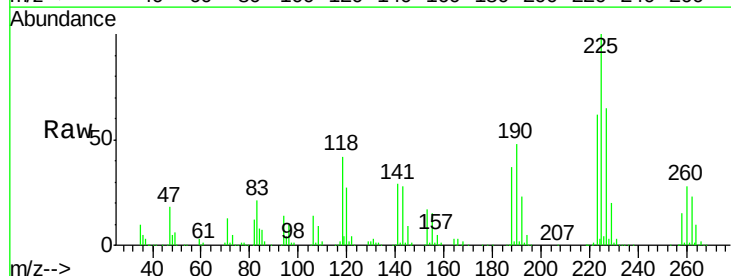
Manual Integrations
 APPROVED

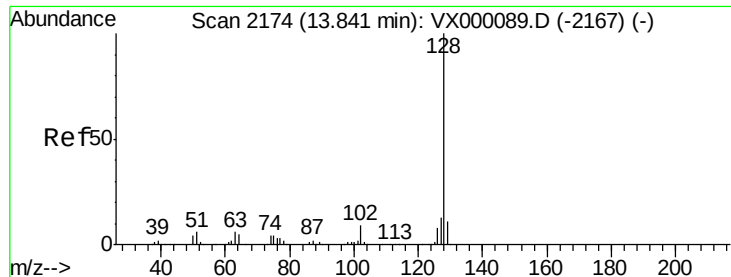
sam
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#94
 Hexachlorobutadiene
 Concen: 93.11 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000091.D
 Acq: 14 Feb 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134318		
223	62.7	31.9	95.7	
227	63.3	32.8	98.4	





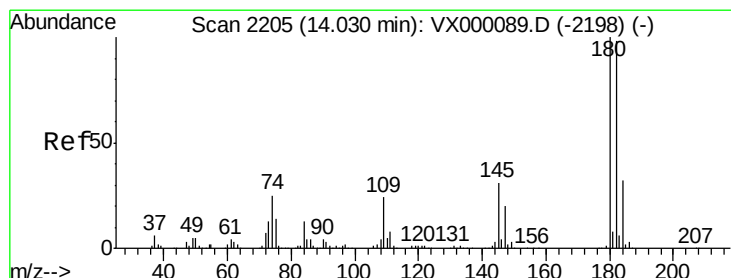
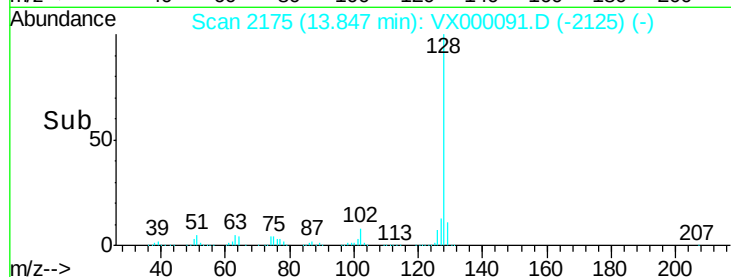
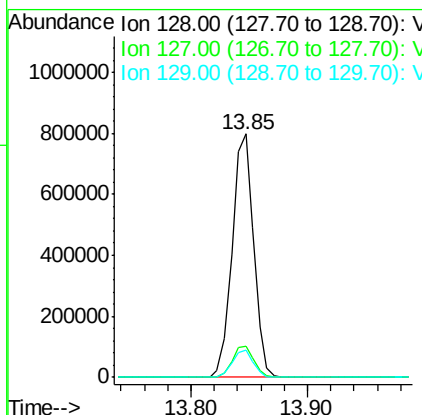
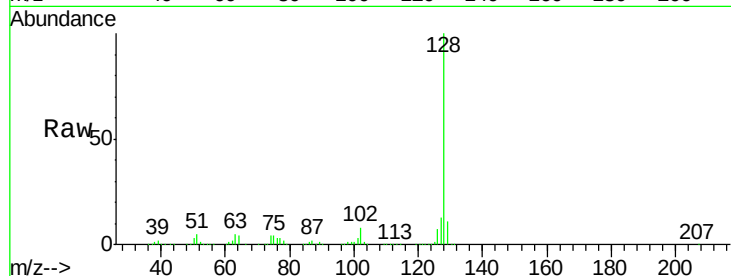
#95
Naphthalene
Concen: 99.93 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Instrument :
ClientSampled :
VSTDIC100

Tot Ion:128 Resp: 1019094
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 1:20:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 98.05 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000091.D
Acq: 14 Feb 2018 17:30

Tgt Ion:180 Resp: 297149
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 30.8 15.3 45.9

