

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000048.D
 Acq On : 09 Feb 2018 17:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:27 PM

Quant Time: Feb 09 22:49:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	154081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	144415	87.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.68%	
35) Dibromofluoromethane	5.52	113	136144	101.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.86%	
50) Toluene-d8	8.73	98	487058	97.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.14%	
62) 4-Bromofluorobenzene	11.15	95	196518	95.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128011	91.39	ug/l	98
3) Chloromethane	1.32	50	131497	90.45	ug/l	98
4) Vinyl Chloride	1.41	62	146715	89.72	ug/l	100
5) Bromomethane	1.64	94	83273	66.73	ug/l	100
6) Chloroethane	1.71	64	73288	75.82	ug/l	97
7) Trichlorofluoromethane	1.92	101	255532	90.25	ug/l	99
8) Diethyl Ether	2.20	74	91520	92.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145141	91.97	ug/l	99
10) Methyl Iodide	2.51	142	193338	105.11	ug/l	99
11) Tert butyl alcohol	3.11	59	334580	469.40	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136197	89.27	ug/l	97
13) Acrolein	2.30	56	177237	407.43	ug/l	99
14) Allyl chloride	2.73	41	226432	85.10	ug/l	98
15) Acrylonitrile	3.17	53	534766	464.41	ug/l	99
16) Acetone	2.46	43	478436	357.70	ug/l	99
17) Carbon Disulfide	2.57	76	407362	94.25	ug/l	100
18) Methyl Acetate	2.79	43	239406	92.31	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	474577	93.00	ug/l	99
20) Methylene Chloride	2.86	84	144890	89.76	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	146753	90.54	ug/l	99
22) Diisopropyl ether	3.89	45	399587	85.34	ug/l	99
23) Vinyl Acetate	3.84	43	1848702	457.08	ug/l	100
24) 1,1-Dichloroethane	3.70	63	239190	86.74	ug/l	99
25) 2-Butanone	4.73	43	718976	435.48	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212950	91.04	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	153226	96.89	ug/l	97
28) Bromochloromethane	5.04	49	77118	84.34	ug/l	98
29) Tetrahydrofuran	5.19	42	487987	476.33	ug/l	100
30) Chloroform	5.23	83	253451	95.80	ug/l	98
31) Cyclohexane	5.58	56	201978	93.13	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	240355	94.82	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191329	100.84	ug/l	99
37) Ethyl Acetate	4.89	43	257126	98.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	224870	112.42	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	237321	98.22	ug/l	99
40) Benzene	6.15	78	556852	100.07	ug/l	98
41) Methacrylonitrile	5.09	41	131968	96.54	ug/l	98
42) 1,2-Dichloroethane	6.21	62	195131	98.04	ug/l	100
43) Isopropyl Acetate	6.49	43	382872	99.19	ug/l	99
44) Trichloroethene	7.23	130	171284	97.50	ug/l	98
45) 1,2-Dichloropropane	7.53	63	136674	98.58	ug/l	97
46) Dibromomethane	7.67	93	106269	98.45	ug/l	98
47) Bromodichloromethane	7.91	83	205641	101.95	ug/l	100
48) Methyl methacrylate	7.79	41	185079	97.14	ug/l	99
49) 1,4-Dioxane	7.78	88	109076	1992.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	1401525	508.20	ug/l	99
52) Toluene	8.80	92	379286	101.68	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	244643	103.96	ug/l	100
54) cis-1,3-Dichloropropene	9.06	75	243474	106.10	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	157523	100.85	ug/l	99
56) Ethyl methacrylate	9.20	69	251959	103.80	ug/l	99
57) 1,3-Dichloropropane	9.38	76	244755	98.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.33	63	600096	555.62	ug/l	100
59) 2-Hexanone	9.51	43	1157755	490.50	ug/l	99
60) Dibromochloromethane	9.59	129	192318	109.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178496	103.71	ug/l	98
64) Tetrachloroethene	9.34	164	163585	98.19	ug/l	98
65) Chlorobenzene	10.15	112	449497	101.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	167739	103.53	ug/l	99
67) Ethyl Benzene	10.26	91	748764	100.76	ug/l	99
68) m/p-Xylenes	10.37	106	600462	204.18	ug/l	99
69) o-Xylene	10.71	106	288819	101.07	ug/l	100
70) Styrene	10.72	104	492190	103.66	ug/l	99
71) Bromoform	10.87	173	170520	111.74	ug/l #	99
73) Isopropylbenzene	11.03	105	775919	101.28	ug/l	99
74) N-amyl acetate	6.49	43	382872	100.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	267605	102.10	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	228646m	96.28	ug/l	
77) Bromobenzene	11.27	156	212666	104.19	ug/l	99
78) n-propylbenzene	11.37	91	897570	100.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	519292	102.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	653349	101.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	102237	119.21	ug/l	99
82) 4-Chlorotoluene	11.52	91	618714	101.07	ug/l	100
83) tert-Butylbenzene	11.78	119	651707	99.96	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	670809	100.87	ug/l	98
85) sec-Butylbenzene	11.96	105	803357	100.33	ug/l	99
86) p-Isopropyltoluene	12.07	119	724085	100.34	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	396559	100.09	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	398846	99.18	ug/l	99
89) n-Butylbenzene	12.40	91	668308	99.17	ug/l	100
90) Hexachloroethane	12.60	117	130738	112.62	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	381960	98.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	76587	99.39	ug/l	99

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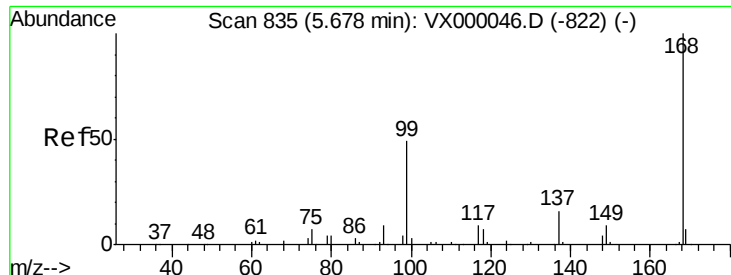
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	295835	99.17	ug/l	100
94) Hexachlorobutadiene	13.79	225	140377	102.79	ug/l	99
95) Naphthalene	13.85	128	980177	97.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	290570	99.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000048.D

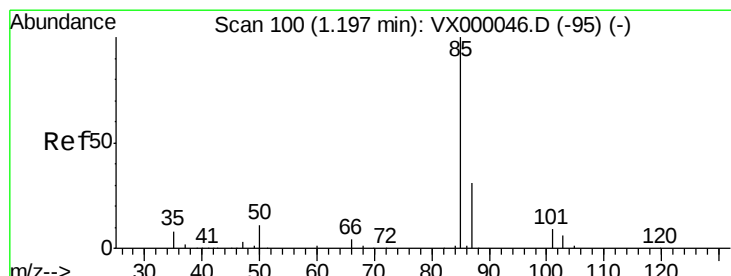
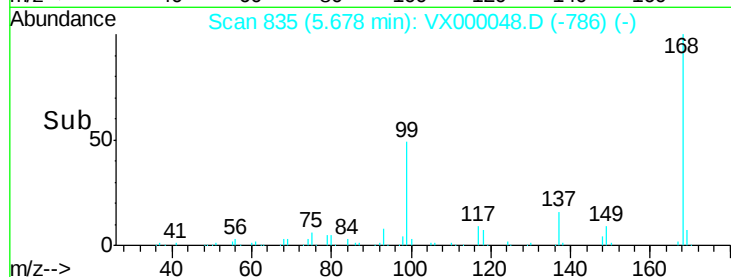
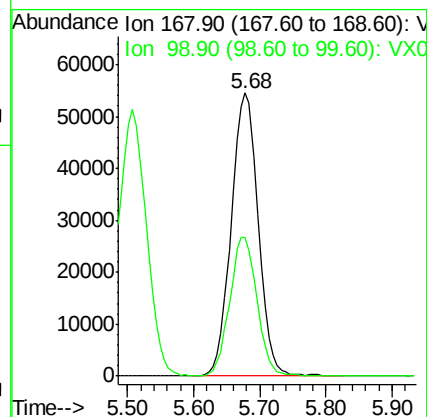
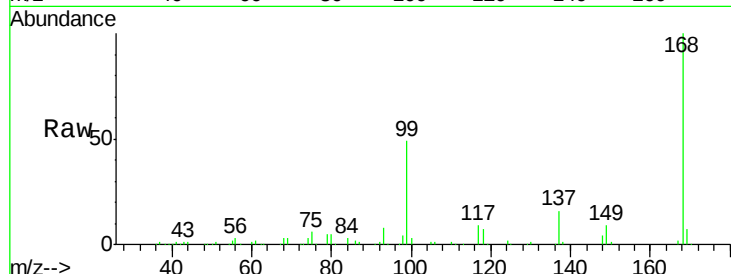
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.4	59.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 91.39 ug/l

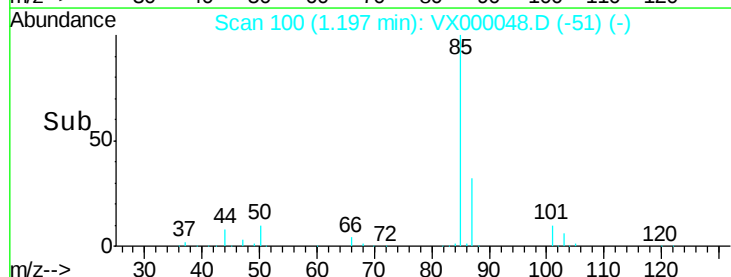
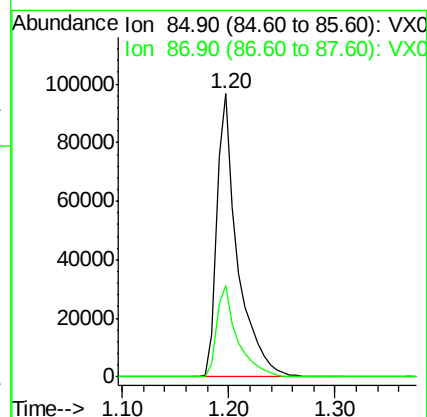
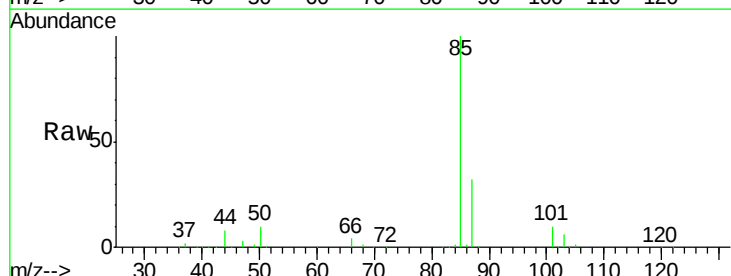
RT: 1.20 min Scan# 100

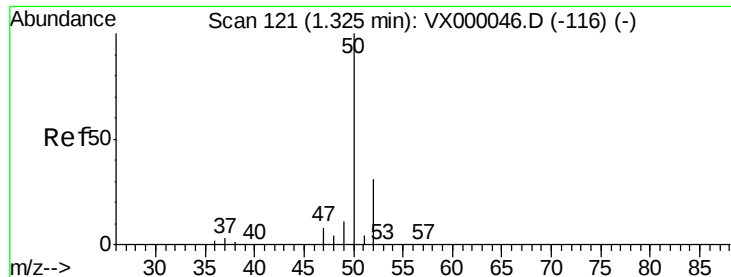
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.0





#3

Chloromethane

Concen: 90.45 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 131497

Ion Ratio Lower Upper

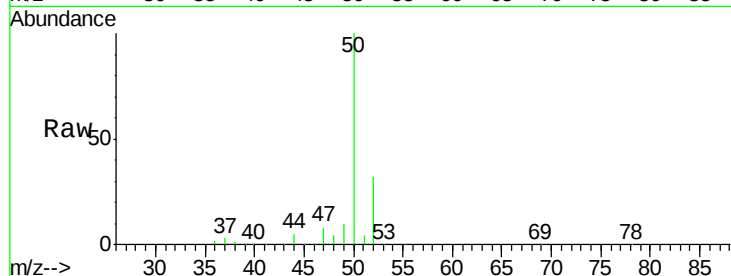
50 100

52 32.2 25.0 37.6

Manual Integrations
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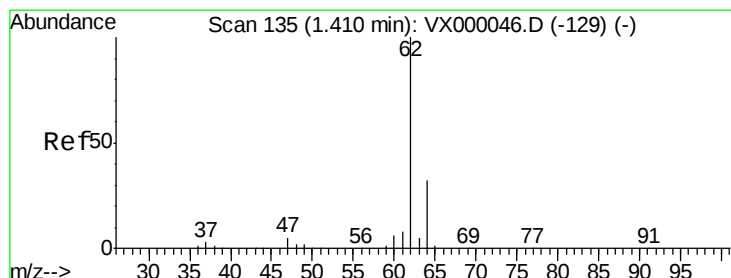
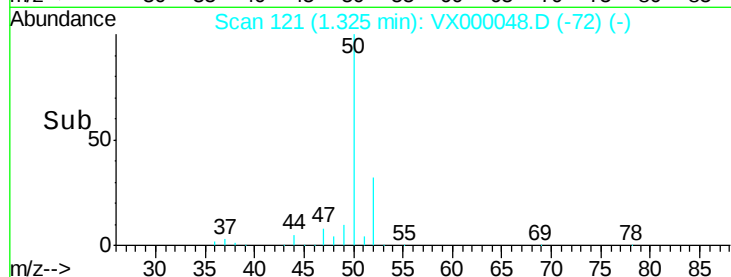
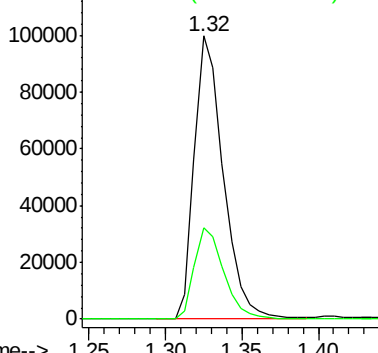
sam

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 89.72 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000048.D

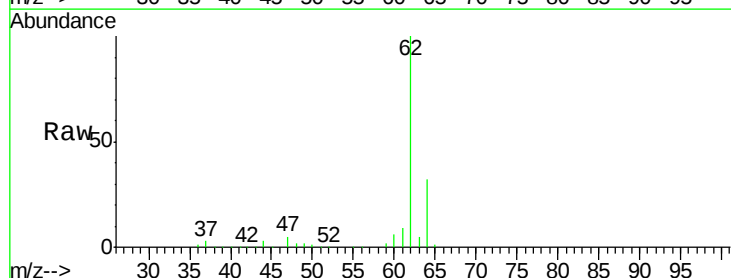
Acq: 09 Feb 2018 17:25

Tgt Ion: 62 Resp: 146715

Ion Ratio Lower Upper

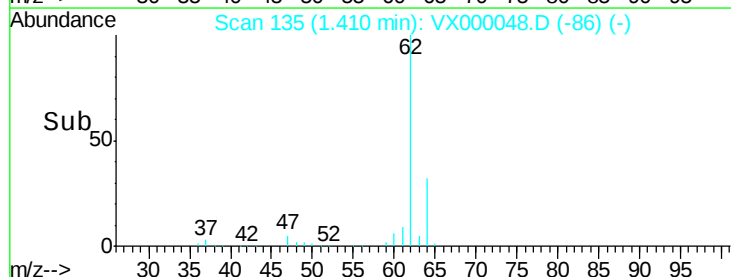
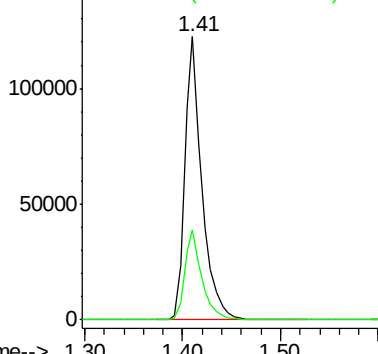
62 100

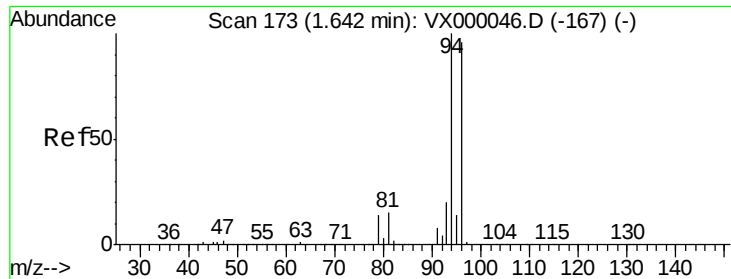
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 66.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 83273

Ion Ratio Lower Upper

94 100

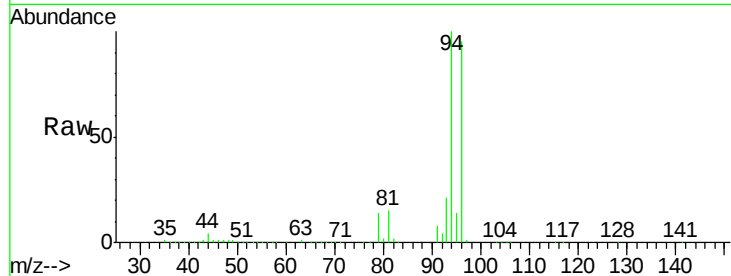
96 95.5 76.7 115.1

Manual Integrations

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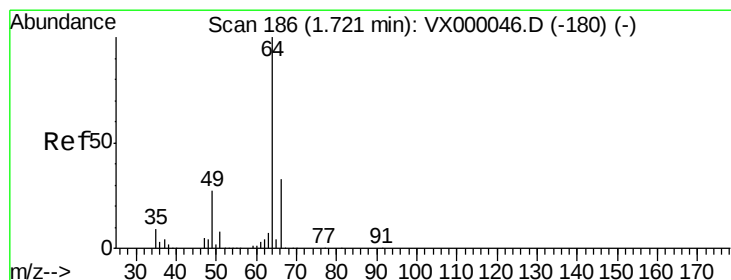
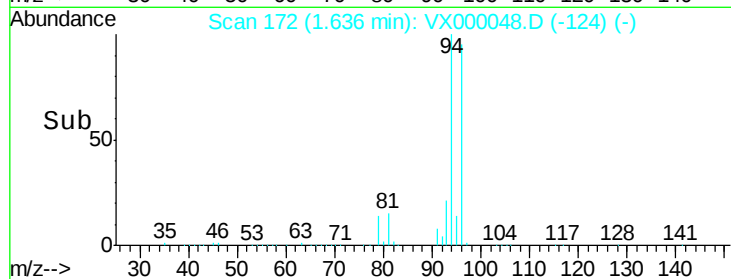
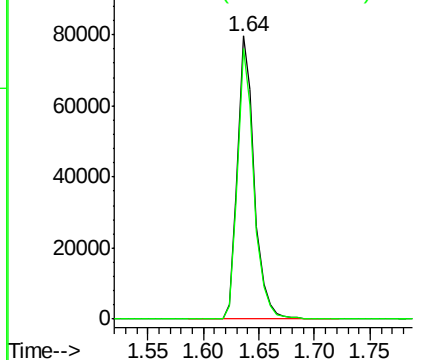
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 75.82 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX000048.D

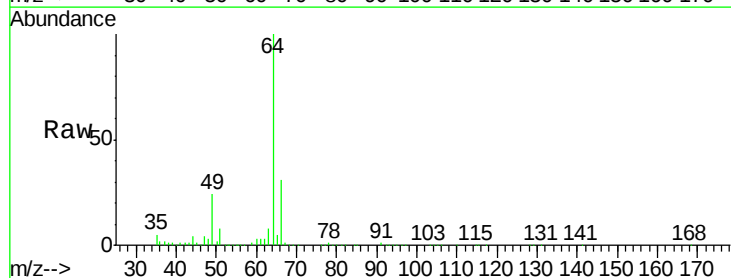
Acq: 09 Feb 2018 17:25

Tgt Ion: 64 Resp: 73288

Ion Ratio Lower Upper

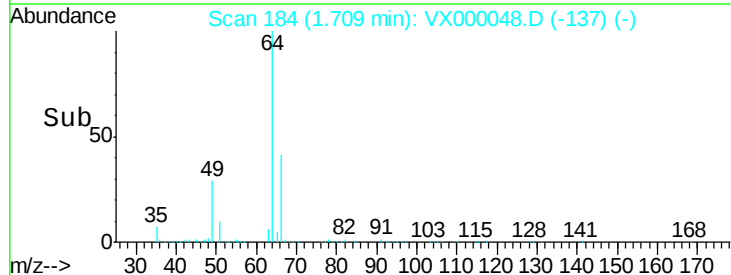
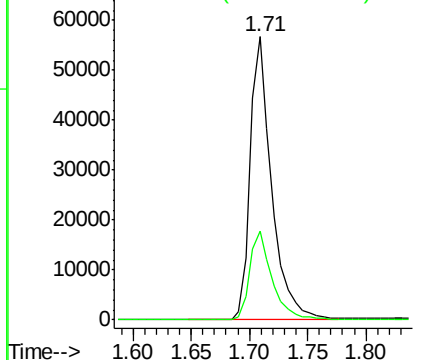
64 100

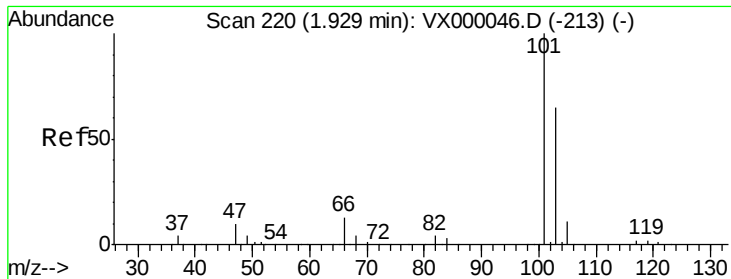
66 31.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

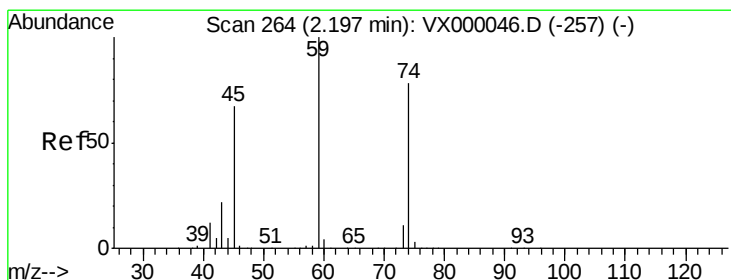
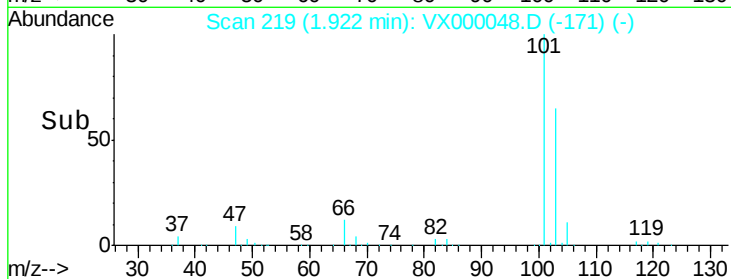
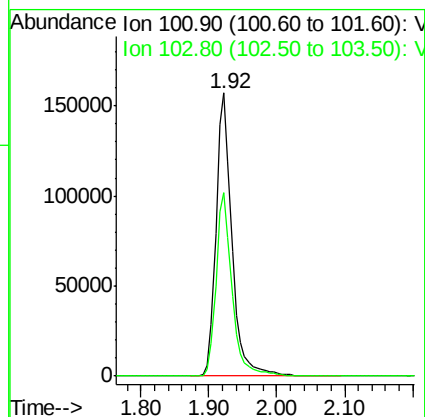
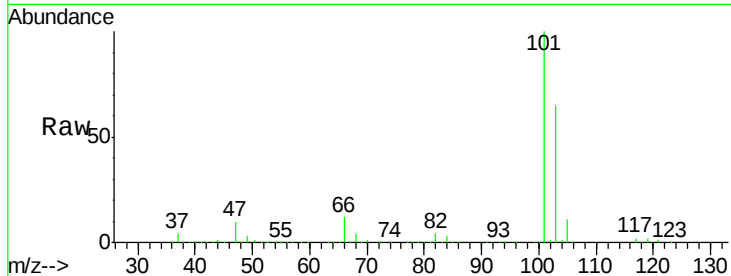
Trichlorofluoromethane
 Concen: 90.25 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 25532
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5

Manual Integrations
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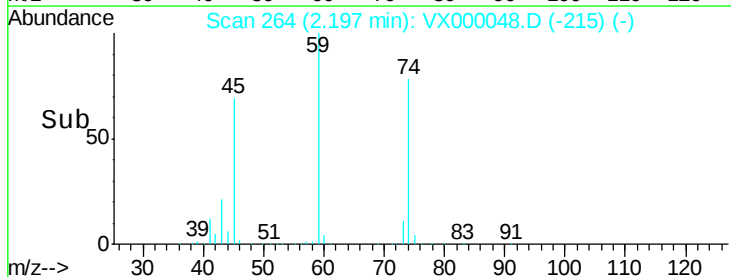
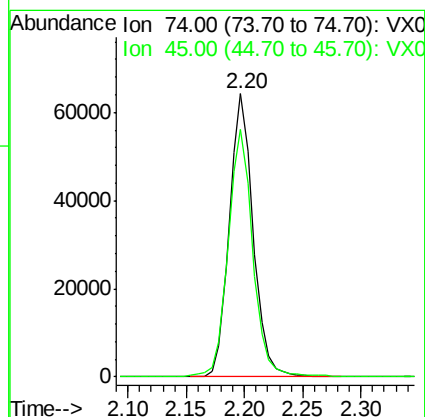
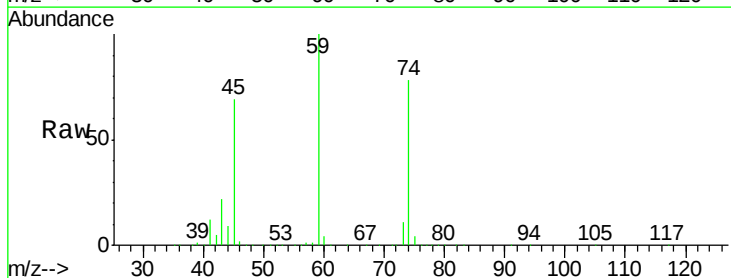
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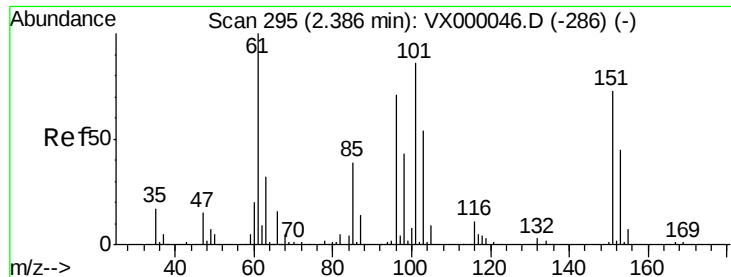


#8

Diethyl Ether
 Concen: 92.83 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion: 74 Resp: 91520
 Ion Ratio Lower Upper
 74 100
 45 90.7 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.97 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

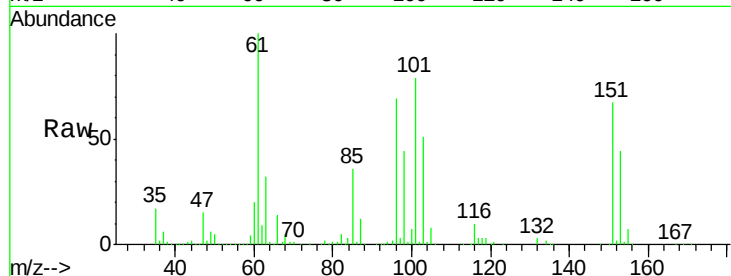
Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :

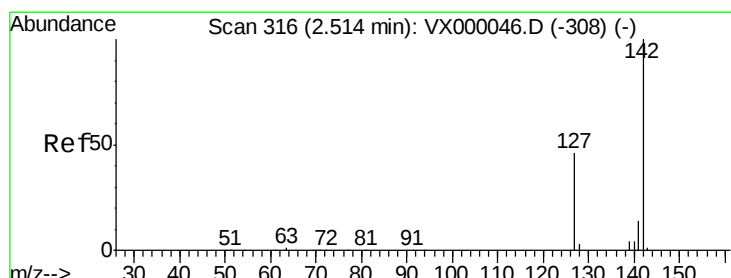
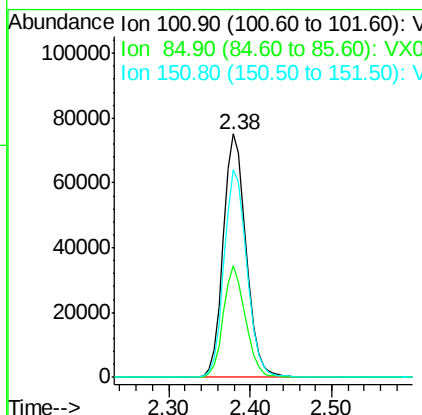
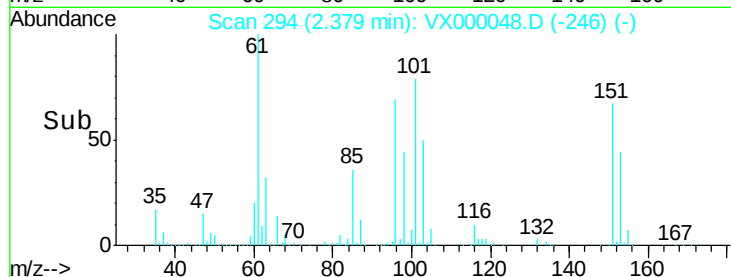
VSTDICC100



Tgt Ion:	101	Resp:	145141
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.6	54.8
151	85.0	68.8	103.2

Manual Integrations
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sam
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#10

Methyl Iodide

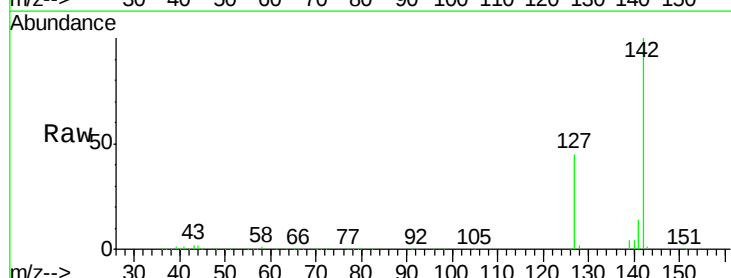
Concen: 105.11 ug/l

RT: 2.51 min Scan# 316

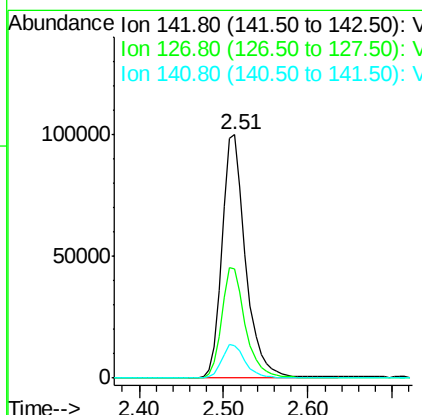
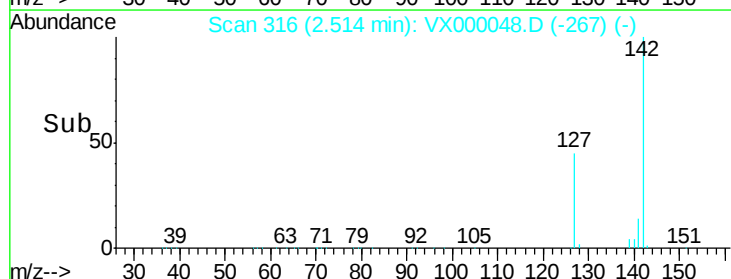
Delta R.T. -0.00 min

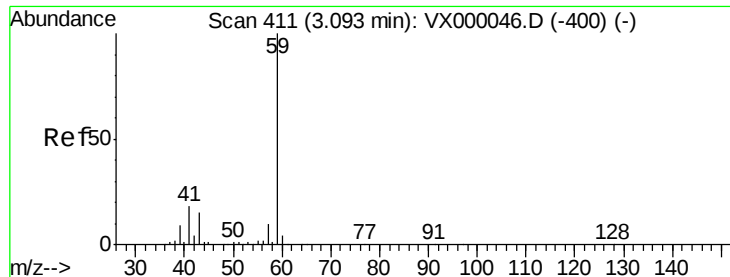
Lab File: VX000048.D

Acq: 09 Feb 2018 17:25



Tgt Ion:	142	Resp:	193338
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.8	55.2
141	13.9	11.4	17.0





#11

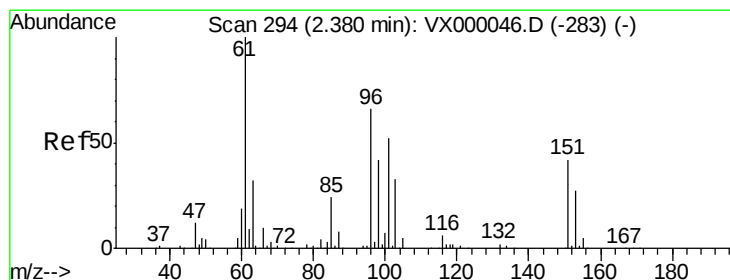
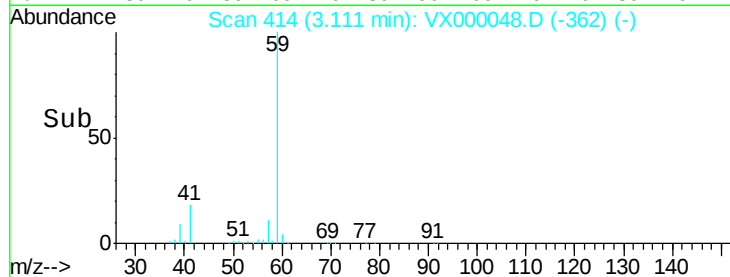
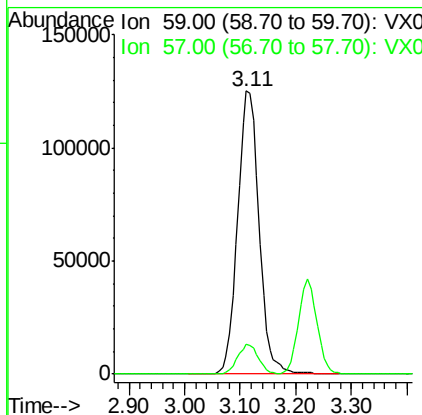
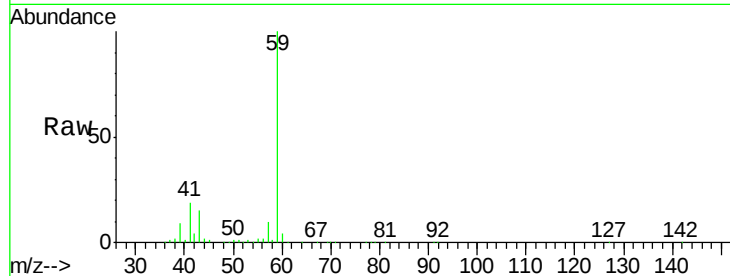
Tert butyl alcohol
 Concen: 469.40 ug/l
 RT: 3.11 min Scan# 414
 Delta R.T. 0.02 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

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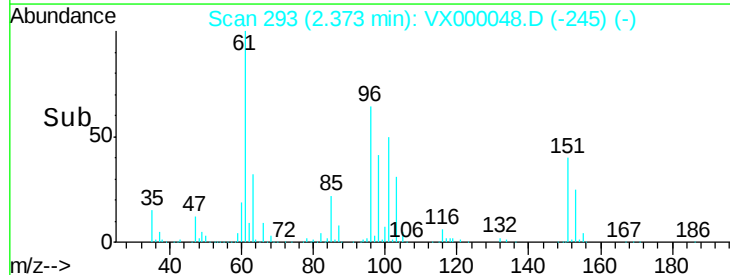
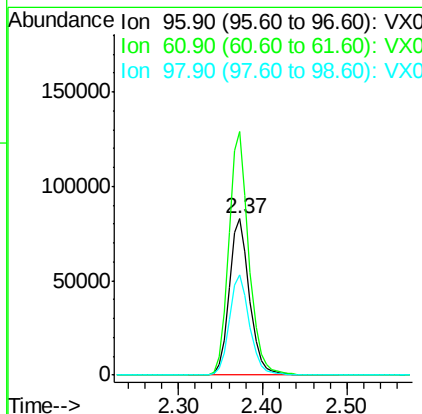
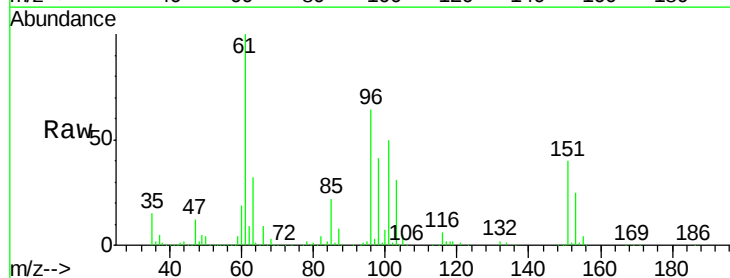
sam
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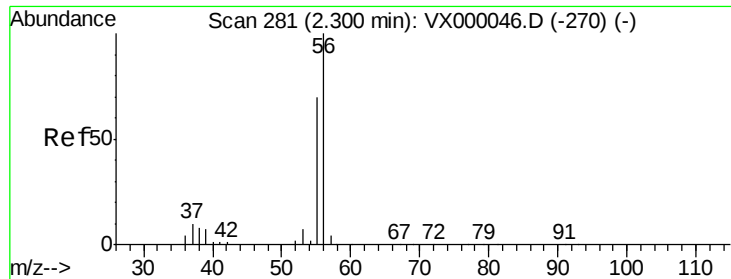


#12

1,1-Dichloroethene
 Concen: 89.27 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	120.3	180.5
98	64.4	51.0	76.4





#13

Acrolein

Concen: 407.43 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 177237

Ion Ratio Lower Upper

56 100

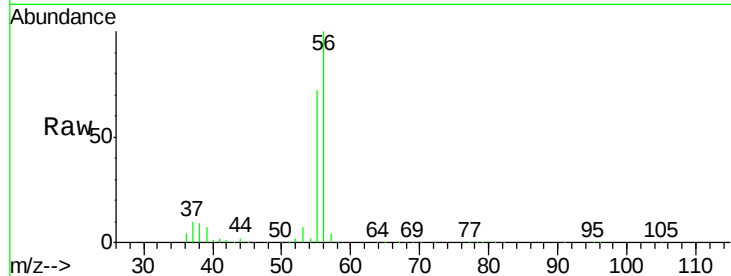
55 70.9 56.4 84.6

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

120000

100000

80000

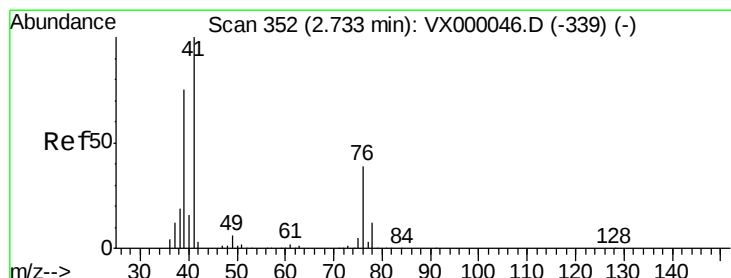
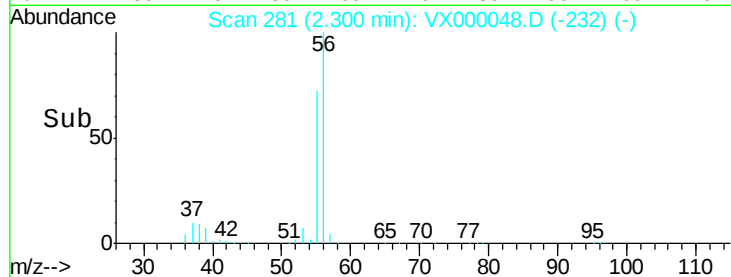
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 85.10 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

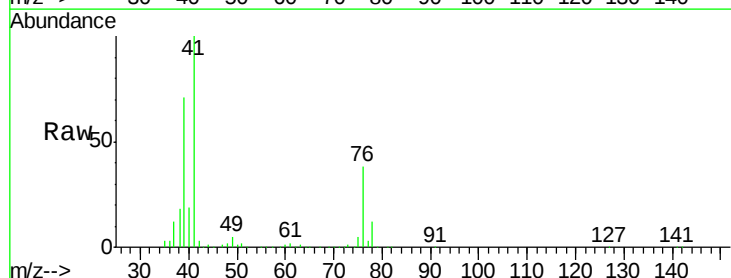
Tgt Ion: 41 Resp: 226432

Ion Ratio Lower Upper

41 100

39 68.2 55.8 83.6

76 34.8 28.7 43.1



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

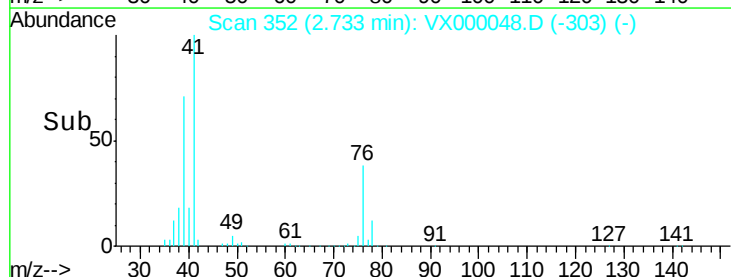
150000

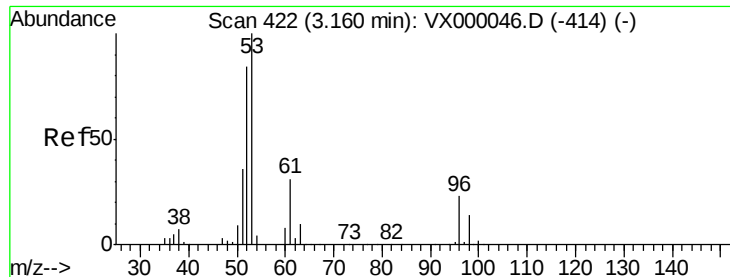
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 464.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

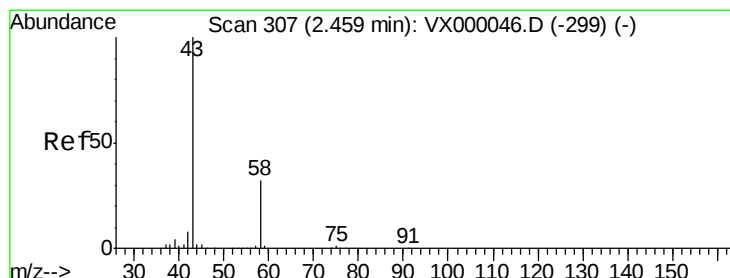
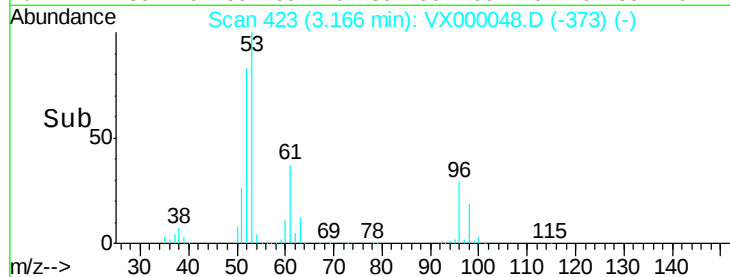
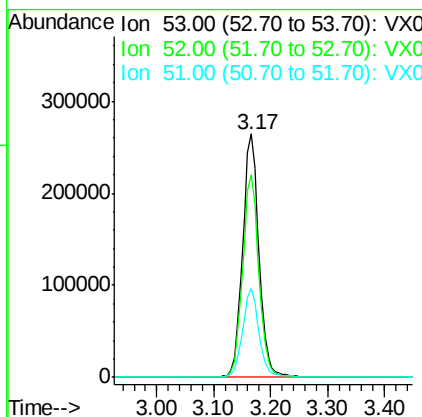
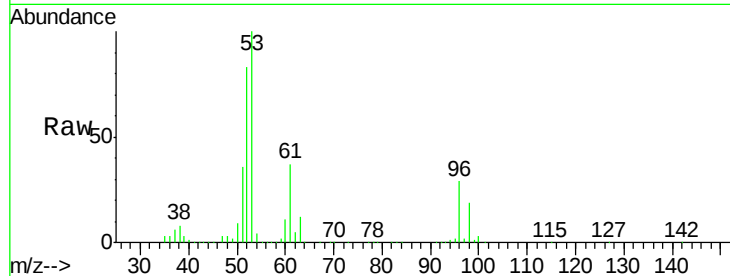
Instrument :

ClientSampled :
VSTDIC100

Tgt Ion:	53	Resp:	534766
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.5	99.7
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 357.70 ug/l

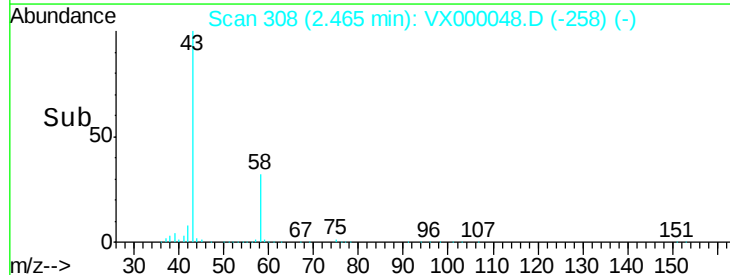
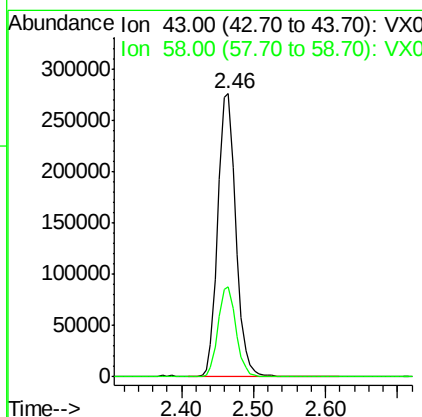
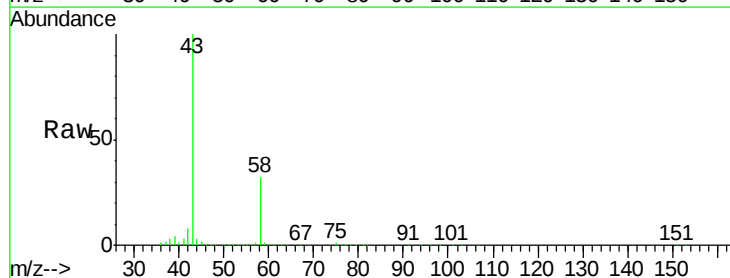
RT: 2.46 min Scan# 308

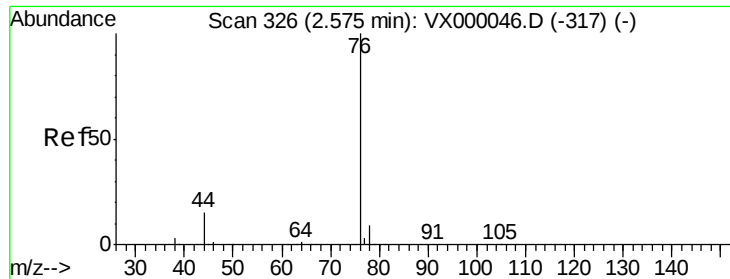
Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	43	Resp:	478436
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.9	38.9





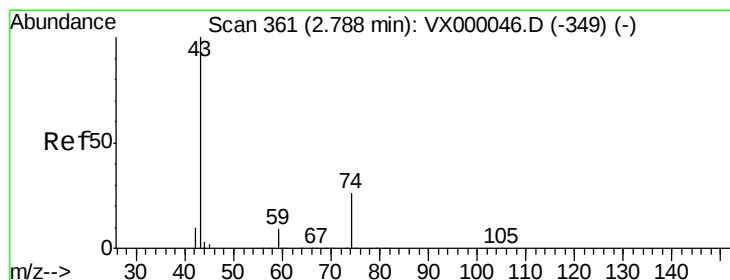
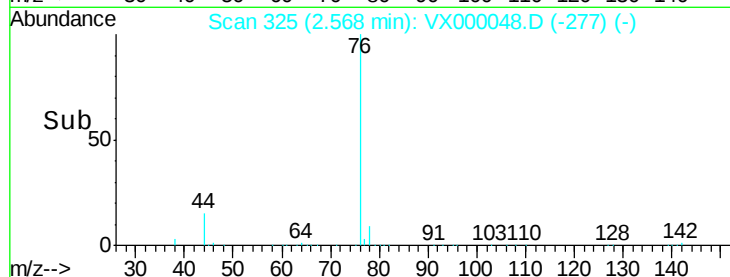
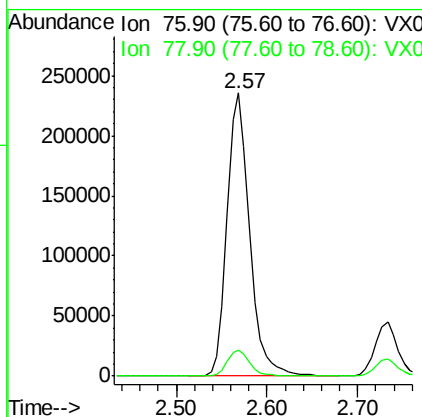
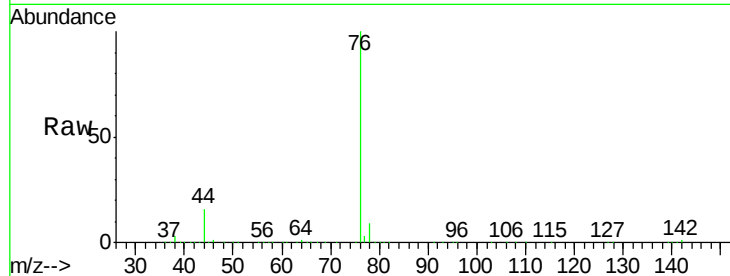
#17
Carbon Disulfide
Concen: 94.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 407362
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

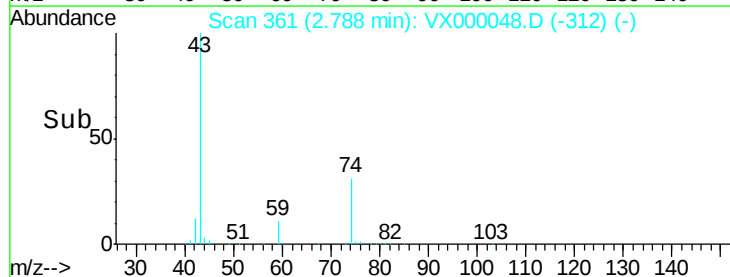
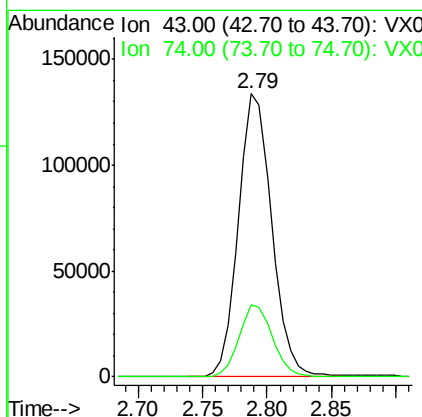
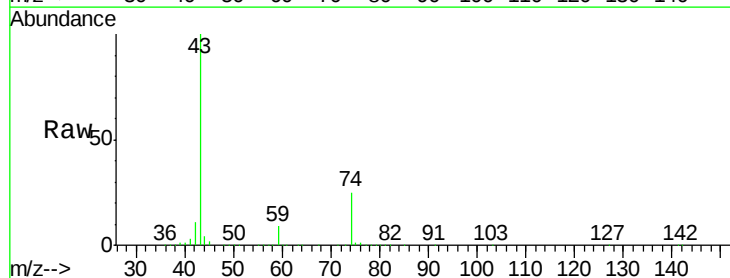
Manual Integrations
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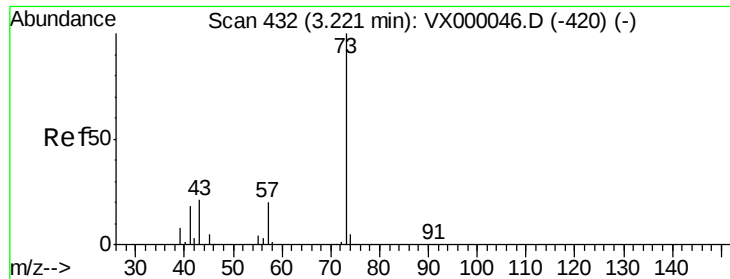
sam
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#18
Methyl Acetate
Concen: 92.31 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion: 43 Resp: 239406
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.4





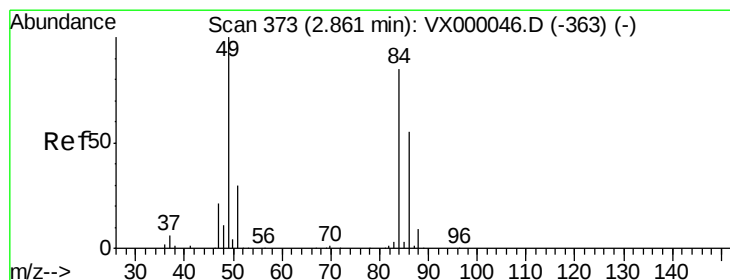
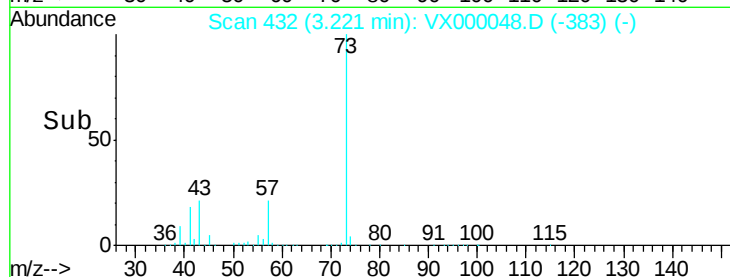
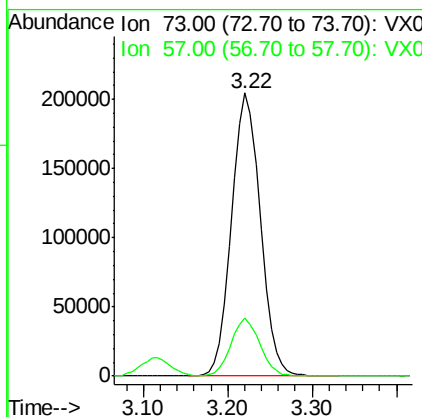
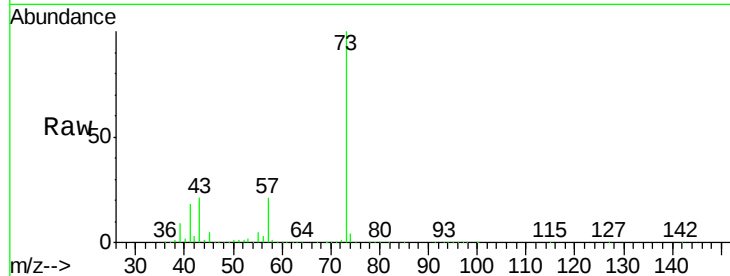
#19
Methyl tert-butyl Ether
Concen: 93.00 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampled :
VSTDIC100

Tgt Ion: 73 Resp: 474577
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

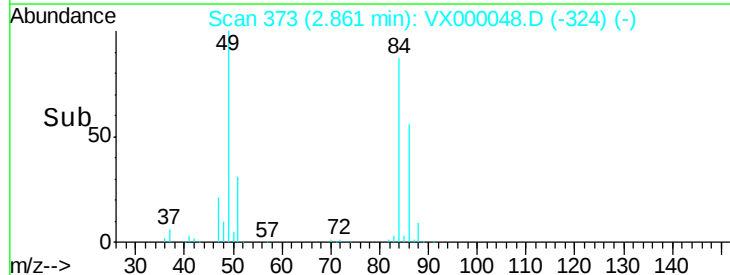
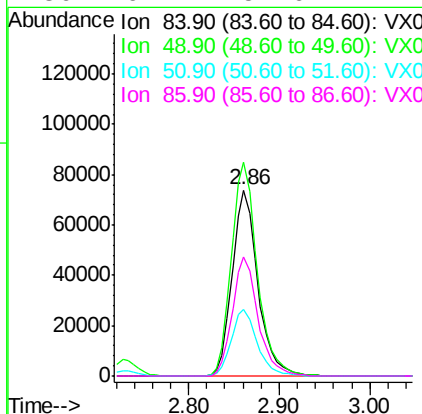
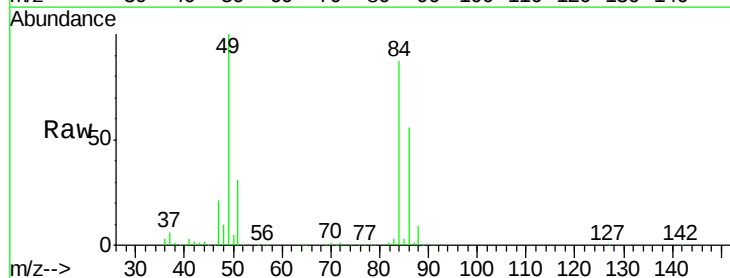
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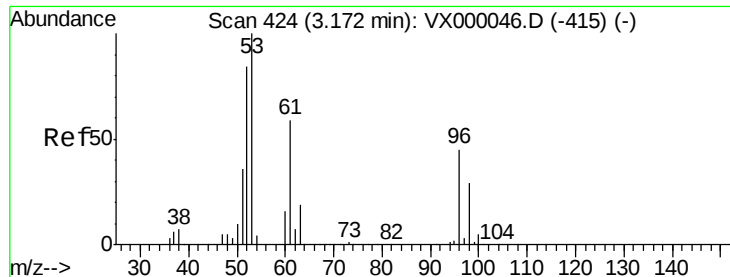
sam
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#20
Methylene Chloride
Concen: 89.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion: 84 Resp: 144890
Ion Ratio Lower Upper
84 100
49 115.1 94.4 141.6
51 35.7 28.3 42.5
86 64.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 90.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

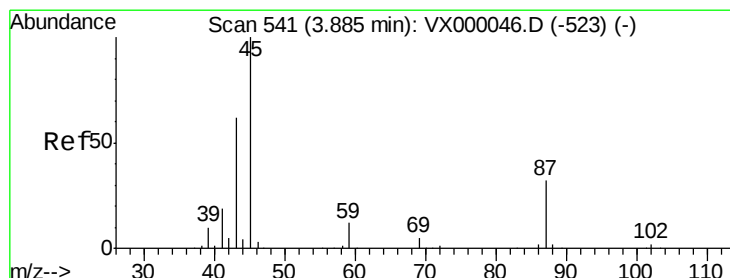
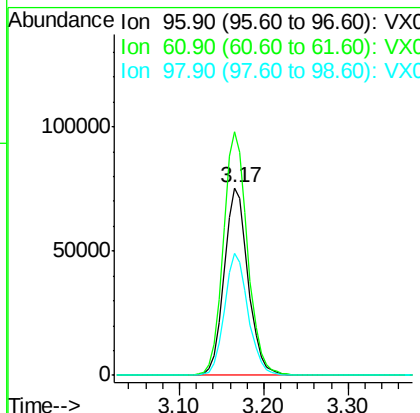
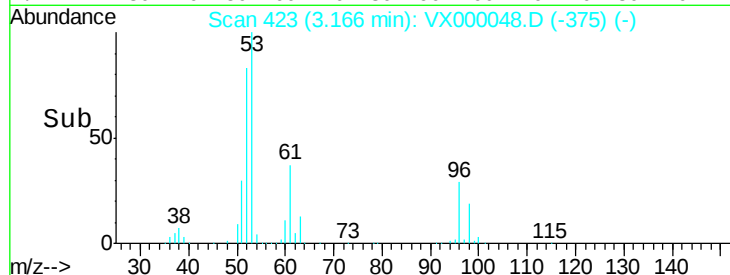
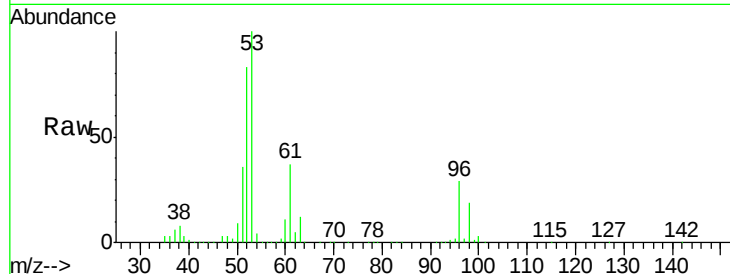
Instrument :

ClientSampled :
VSTDIC100

Tgt Ion:	96	Resp:	146753
Ion	Ratio	Lower	Upper
96	100		
61	129.6	104.9	157.3
98	64.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 85.34 ug/l

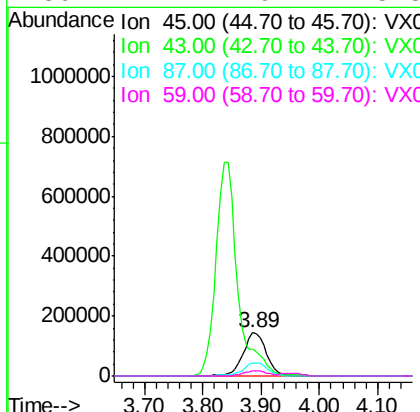
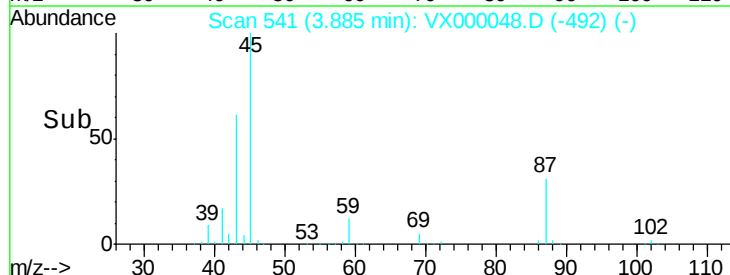
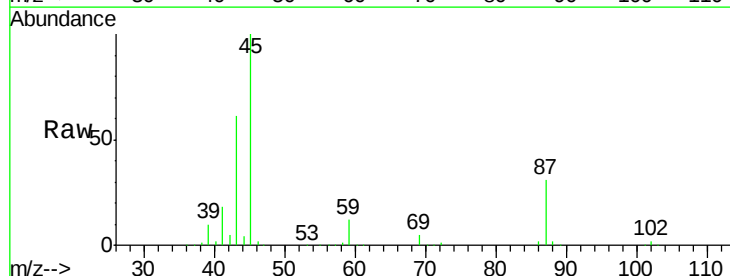
RT: 3.89 min Scan# 541

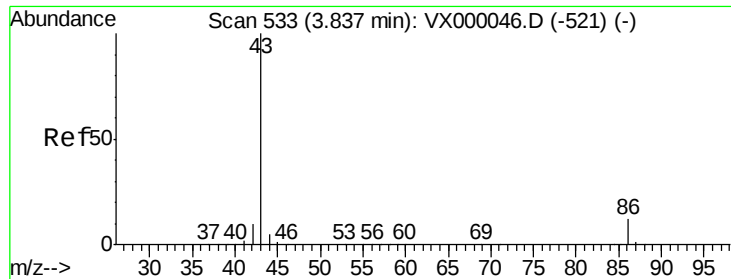
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	45	Resp:	399587
Ion	Ratio	Lower	Upper
45	100		
43	61.4	49.6	74.4
87	30.9	25.9	38.9
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 457.08 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :

VSTDICC100

Tgt Ion: 43 Resp: 1848702

Ion Ratio Lower Upper

43 100

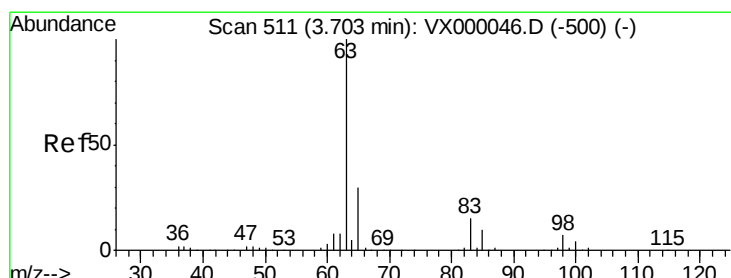
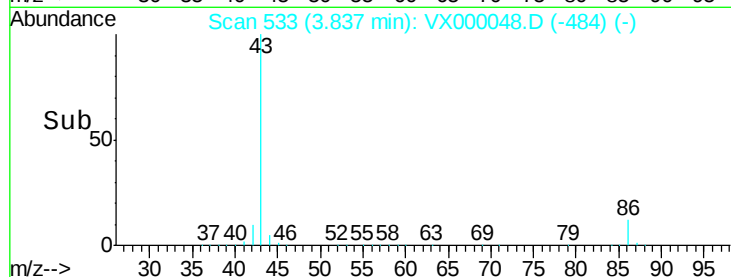
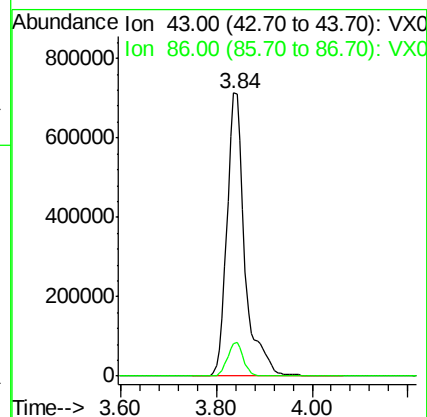
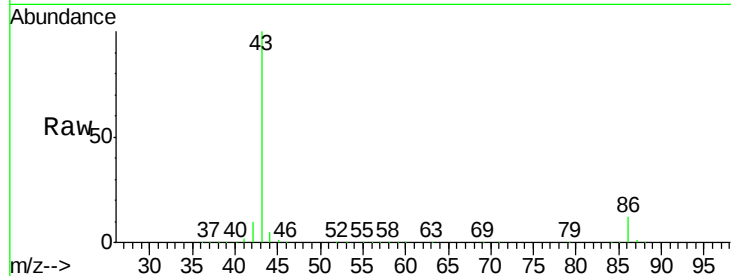
86 11.6 9.3 13.9

Manual Integrations

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sam

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#24

1,1-Dichloroethane

Concen: 86.74 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

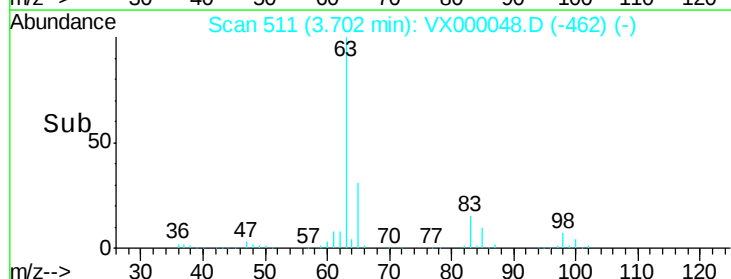
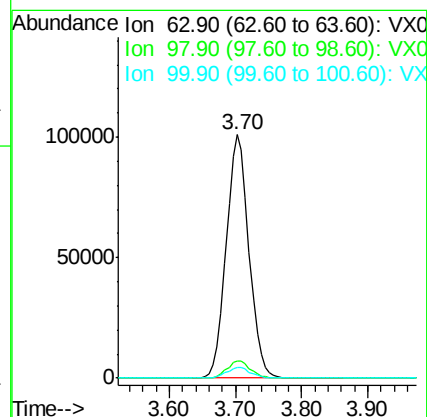
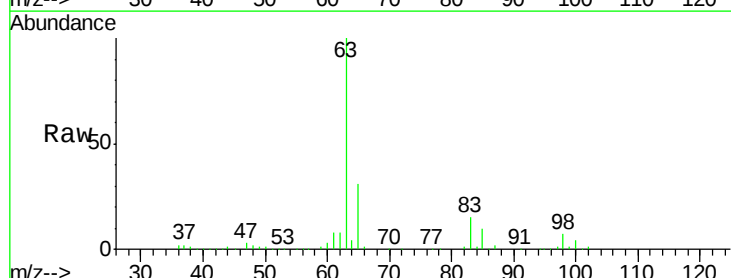
Tgt Ion: 63 Resp: 239190

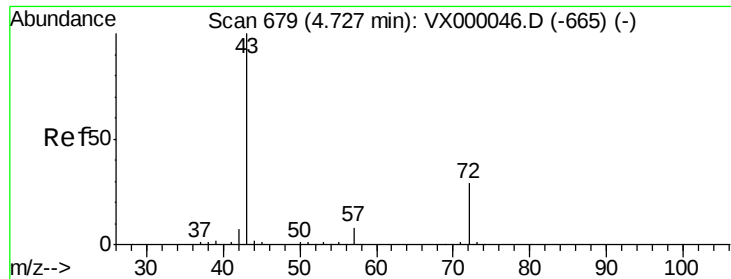
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 435.48 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :
VSTDIC100

Tgt Ion: 43 Resp: 718976

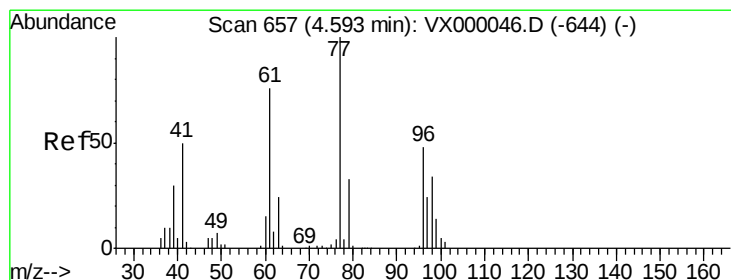
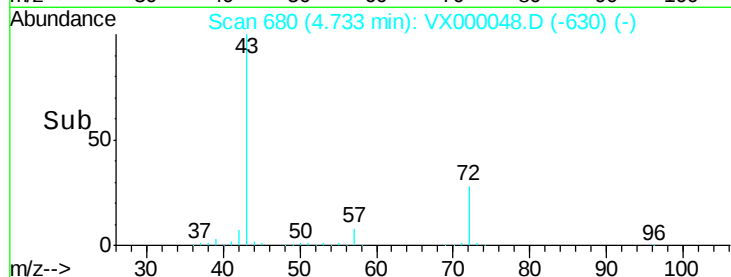
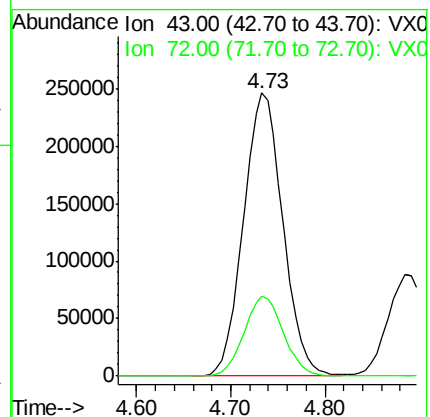
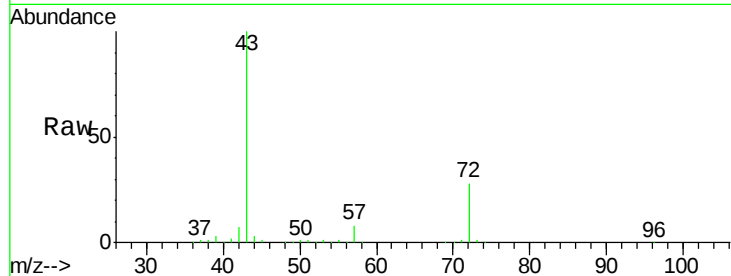
Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6

Manual Integrations
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sam
2/14/2018 5:30:27 PM



#26

2,2-Dichloropropane

Concen: 91.04 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000048.D

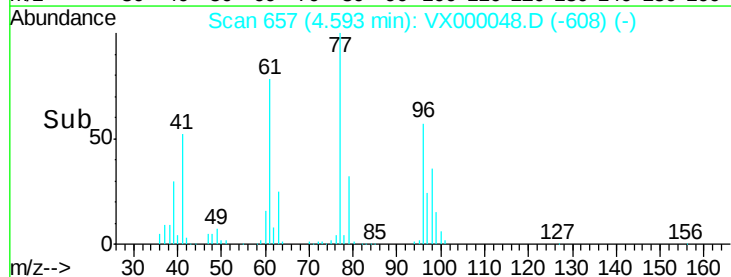
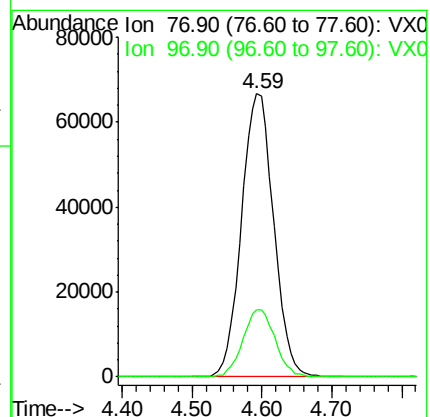
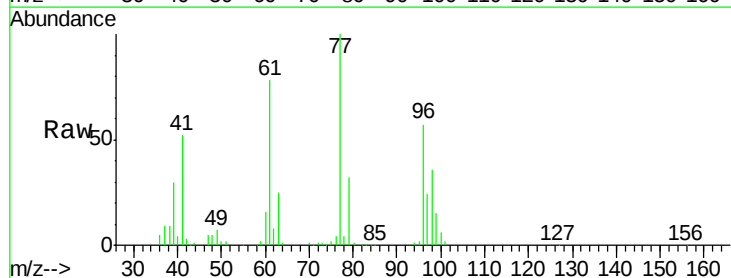
Acq: 09 Feb 2018 17:25

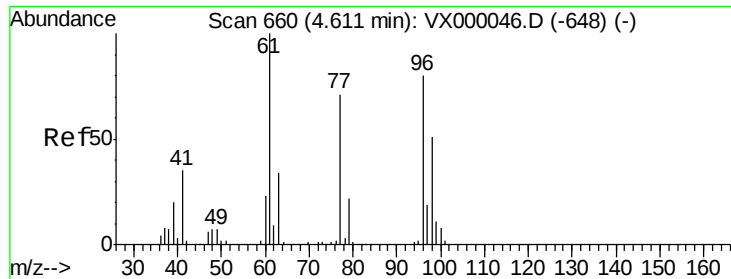
Tgt Ion: 77 Resp: 212950

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4





#27

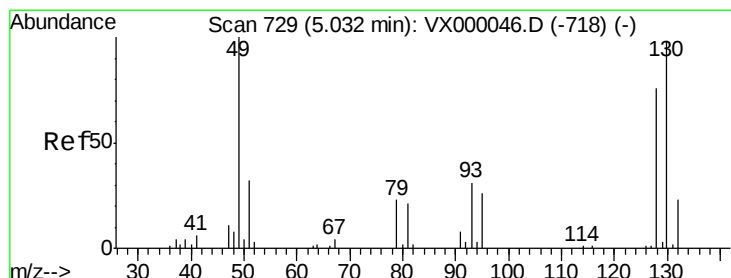
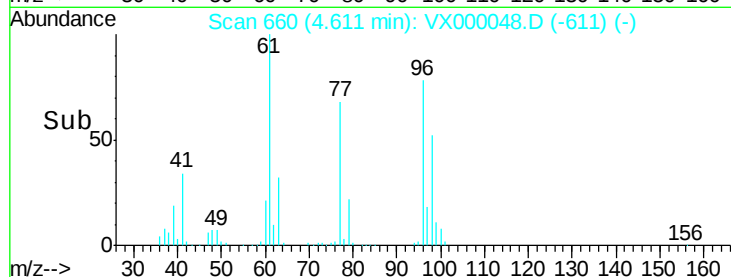
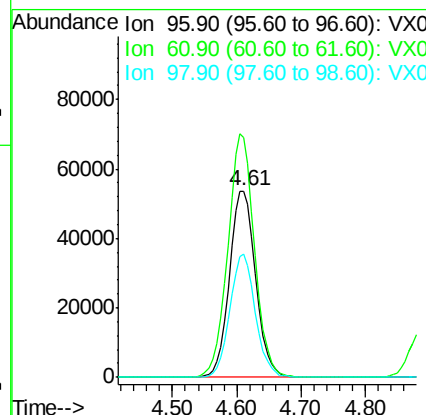
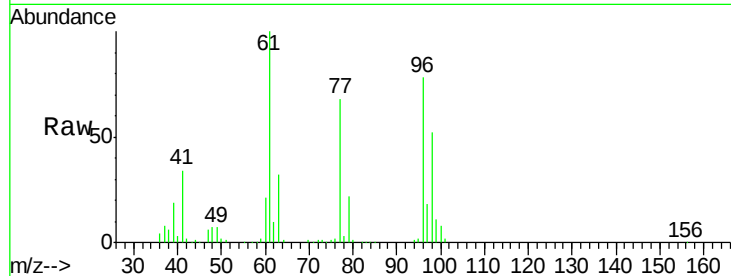
cis-1,2-Dichloroethene
Concen: 96.89 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	274.4
98	64.4	0.0	132.4

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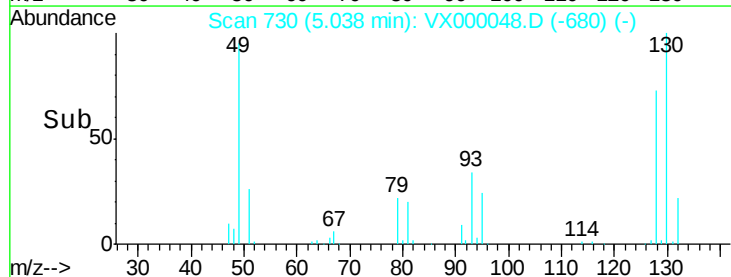
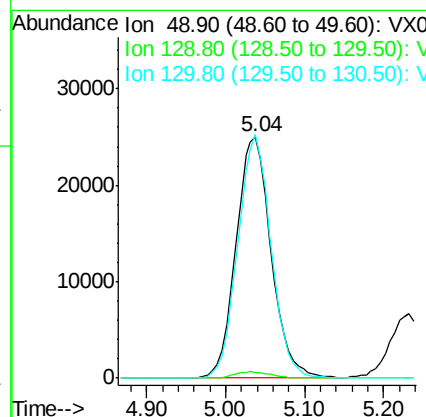
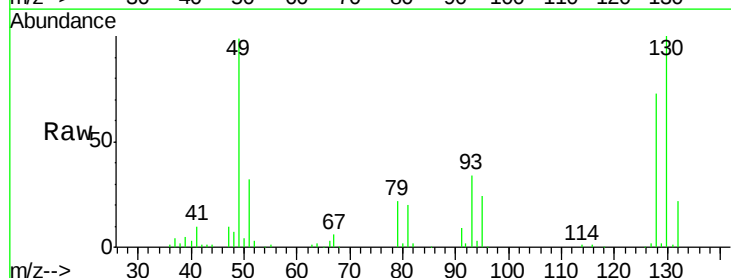
sam
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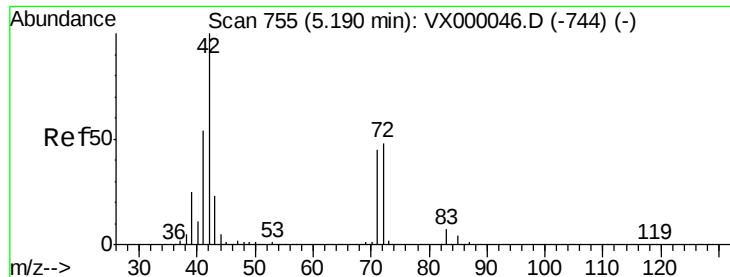


#28

Bromochloromethane
Concen: 84.34 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	96.0	75.6	113.4





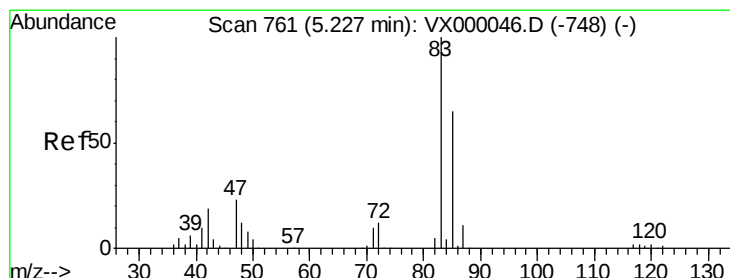
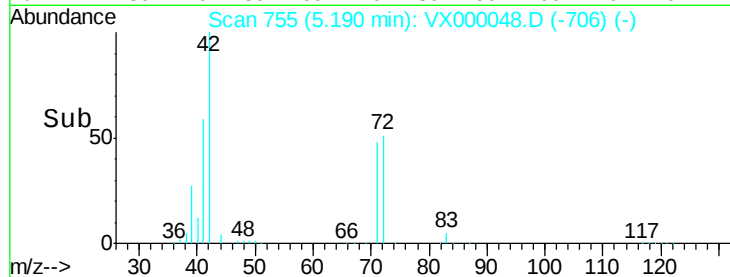
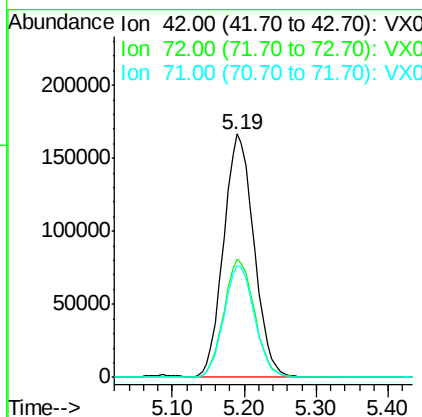
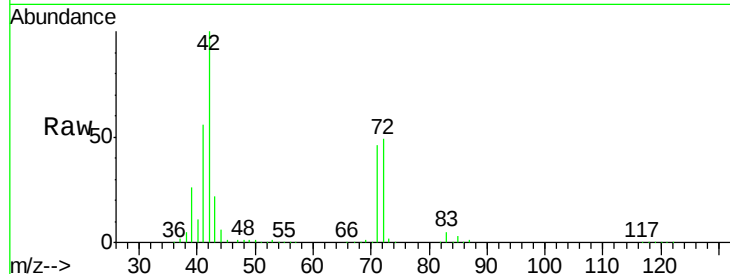
#29
Tetrahydrofuran
Concen: 476.33 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.0	58.6
71	46.2	36.7	55.1

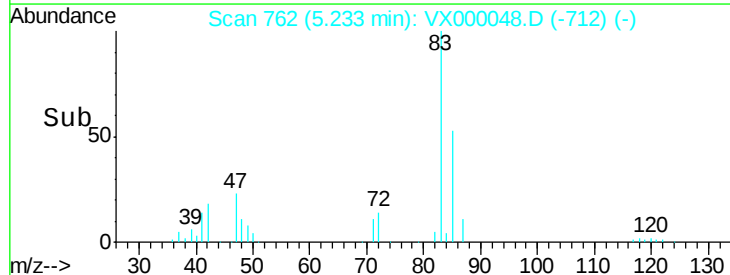
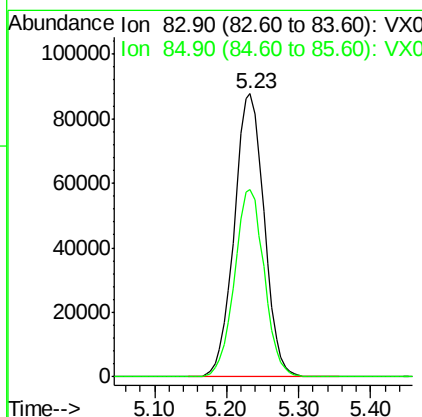
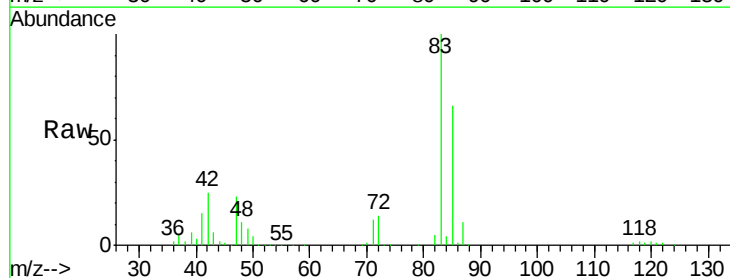
Manual Integrations
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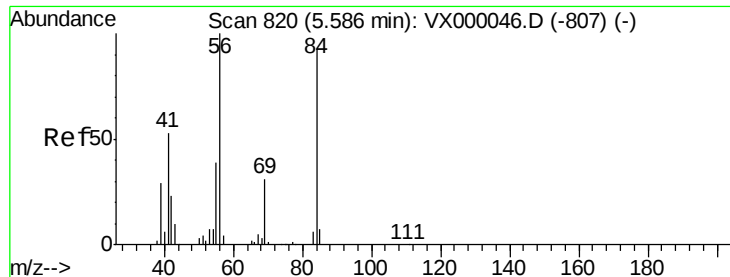
sam
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#30
Chloroform
Concen: 95.80 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.9	77.9





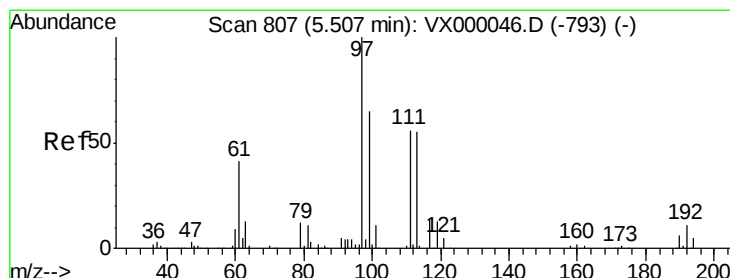
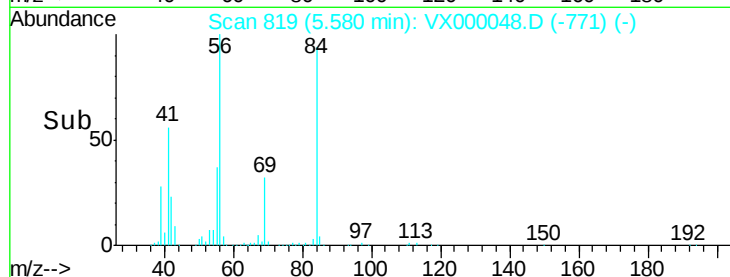
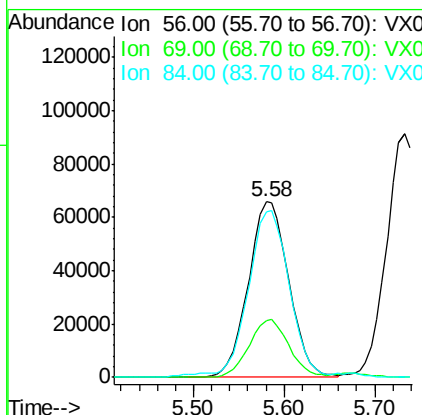
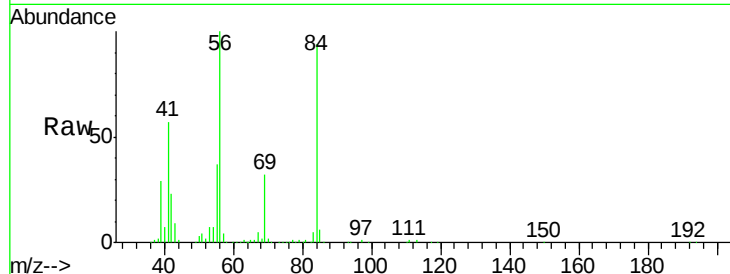
#31
Cyclohexane
Concen: 93.13 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.5	36.7
84	92.4	74.8	112.2

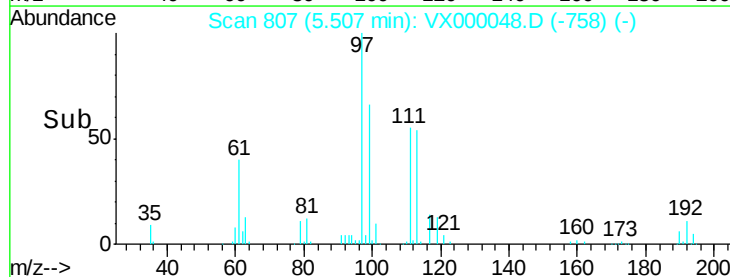
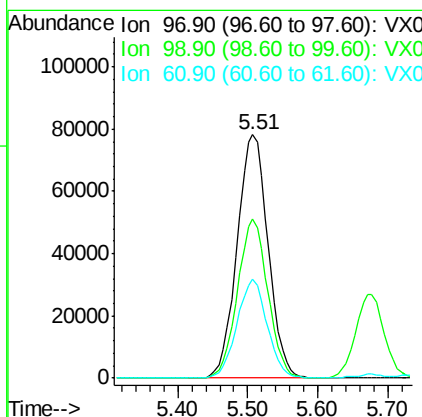
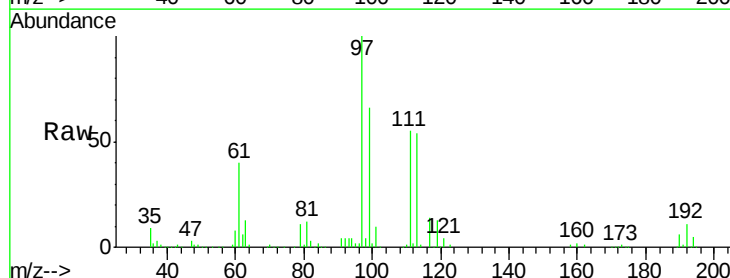
Manual Integrations
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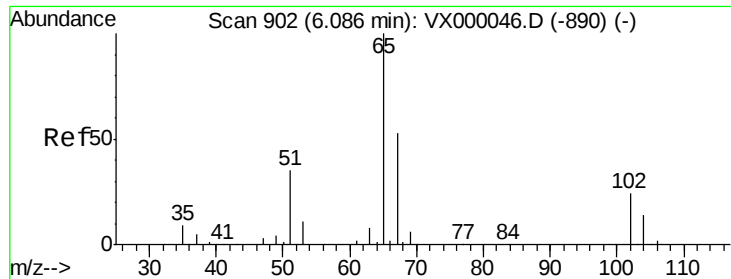
sam
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#32
1,1,1-Trichloroethane
Concen: 94.82 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.8	76.2
61	39.7	32.1	48.1





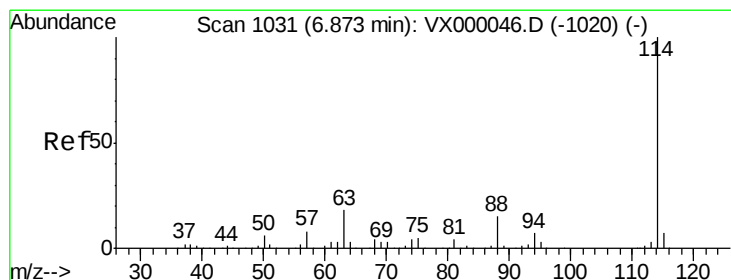
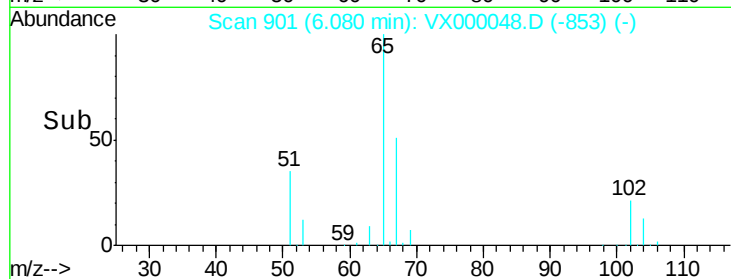
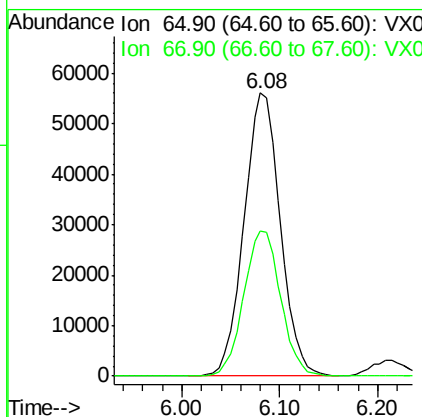
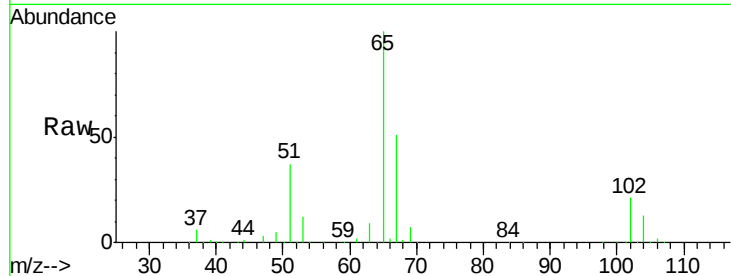
#33
 1,2-Dichloroethane-d4
 Concen: 87.84 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 144415
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.0

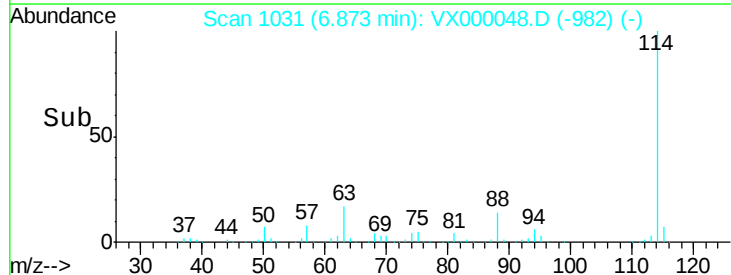
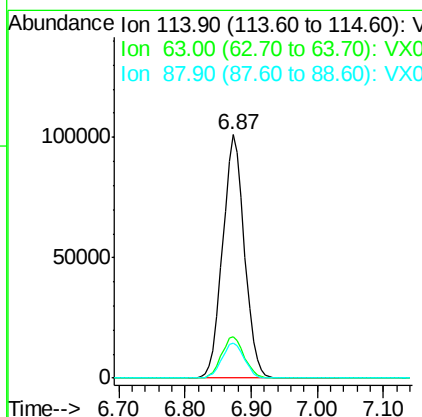
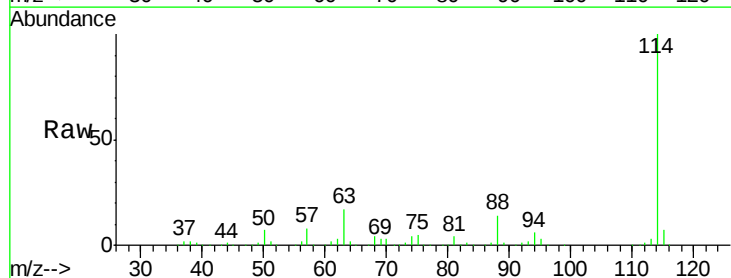
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion: 114 Resp: 230596
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.0
 88 14.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 101.93 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

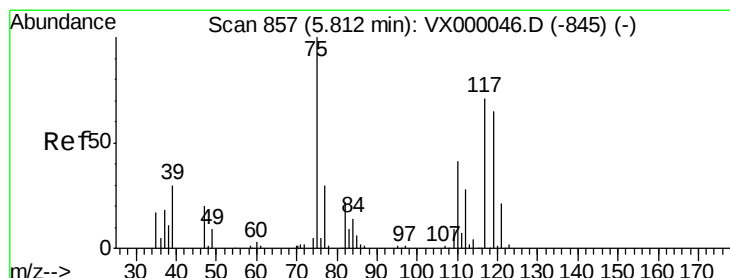
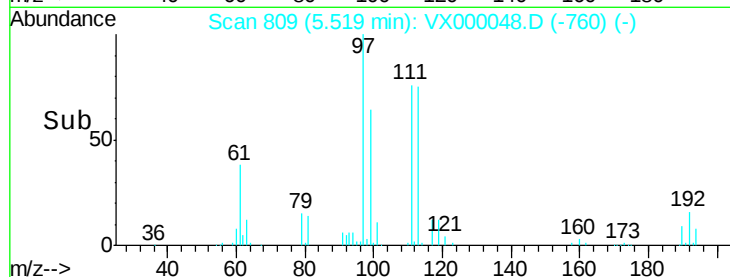
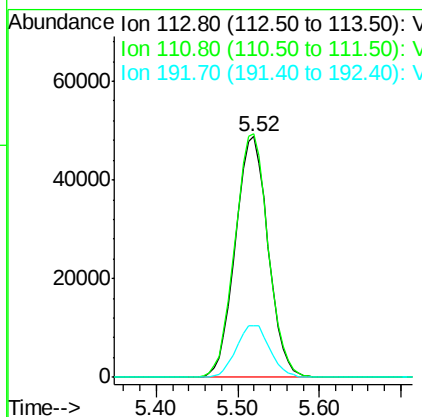
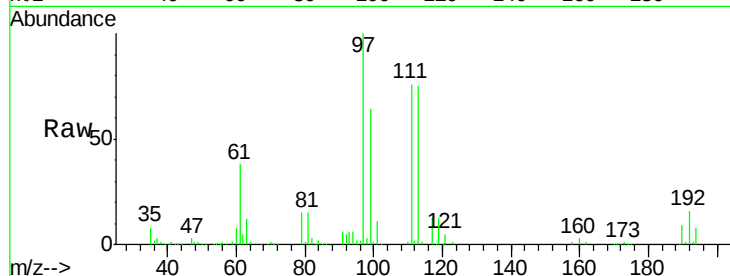
ClientSampled :

VSTDIC100

Tgt Ion:	113	Resp:	136144
Ion Ratio	Lower	Upper	
113	100		
111	102.4	80.5	120.7
192	22.1	16.9	25.3

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#36

1,1-Dichloropropene

Concen: 100.84 ug/l

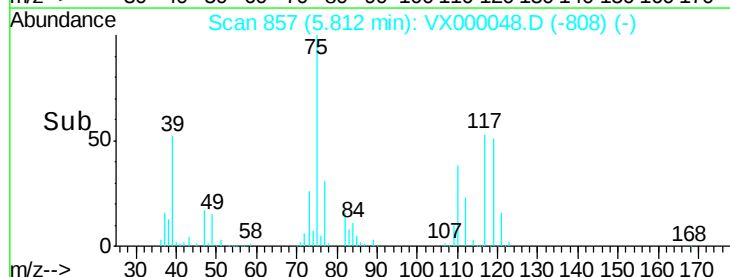
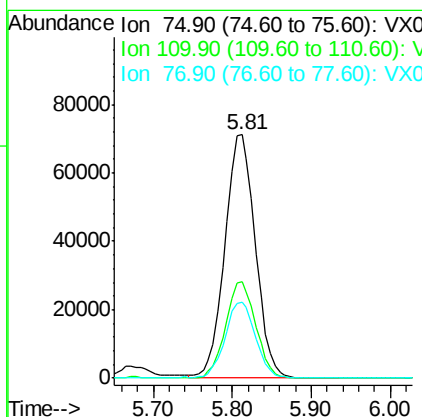
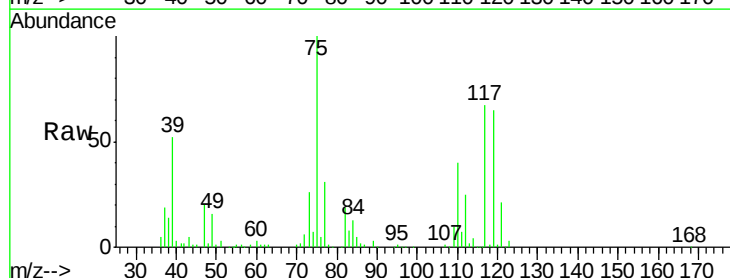
RT: 5.81 min Scan# 857

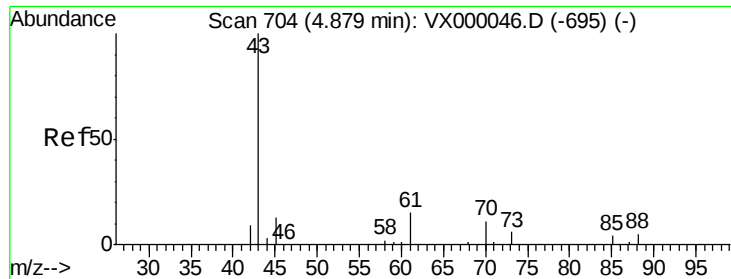
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	75	Resp:	191329
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.4	58.4
77	31.0	24.2	36.4





#37

Ethyl Acetate

Concen: 98.00 ug/l

RT: 4.89 min Scan# 705

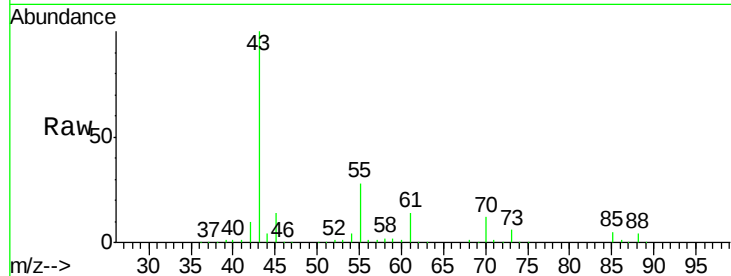
Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

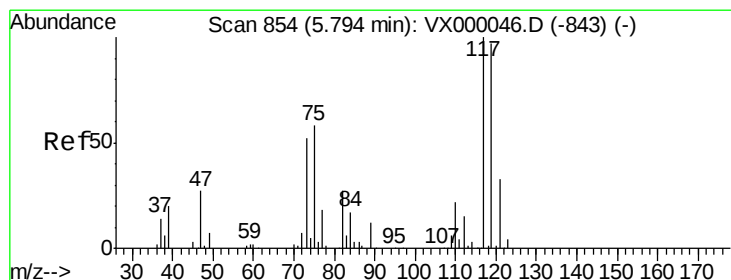
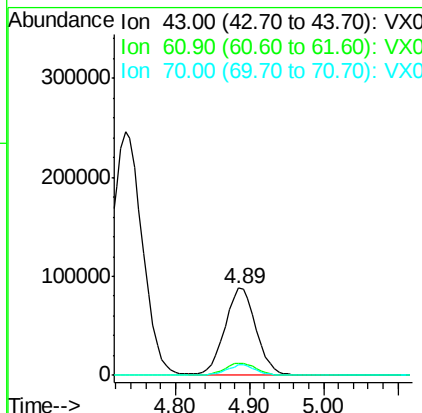
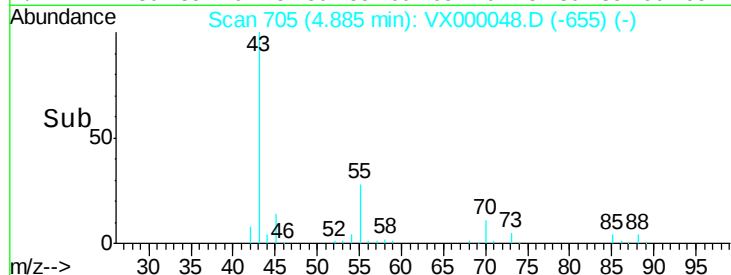
ClientSampled :
VSTDIC100



Tgt Ion:	43	Resp:	257126
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.4	17.2
70	11.3	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

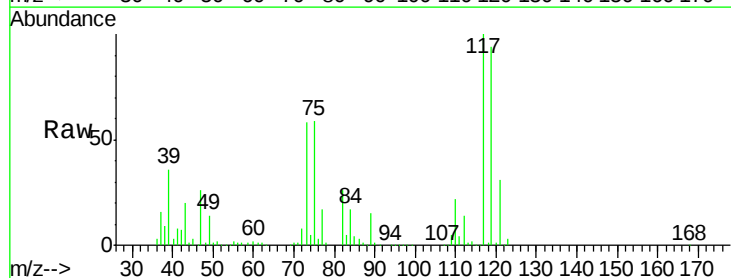
Concen: 112.42 ug/l

RT: 5.79 min Scan# 854

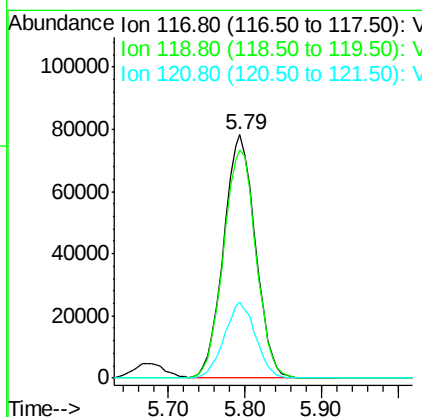
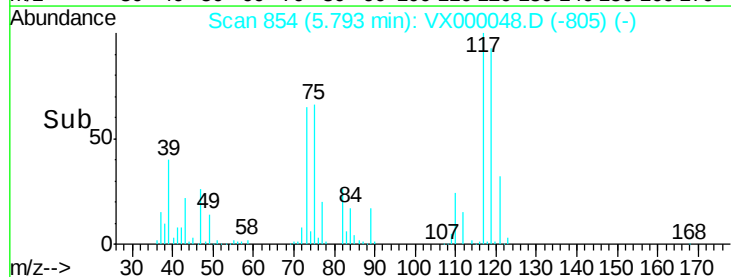
Delta R.T. -0.00 min

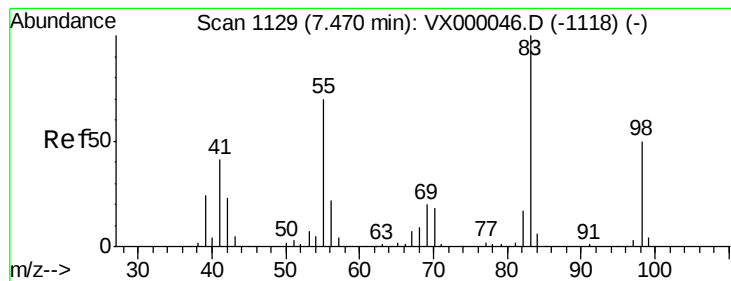
Lab File: VX000048.D

Acq: 09 Feb 2018 17:25



Tgt Ion:	117	Resp:	224870
Ion Ratio	Lower	Upper	
117	100		
119	93.8	76.9	115.3
121	31.4	25.8	38.8





#39

Methylcyclohexane

Concen: 98.22 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

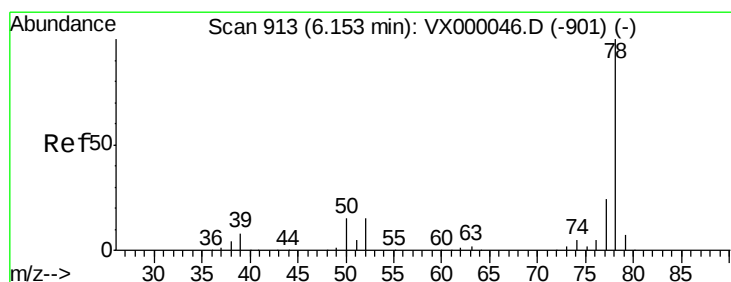
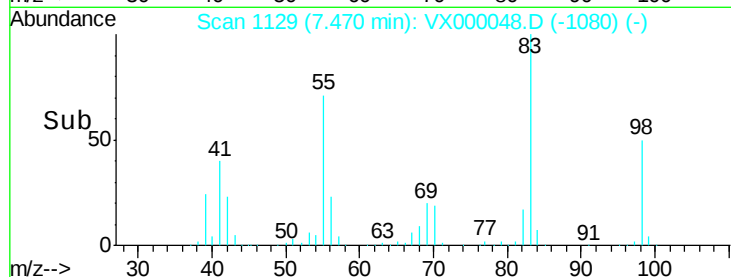
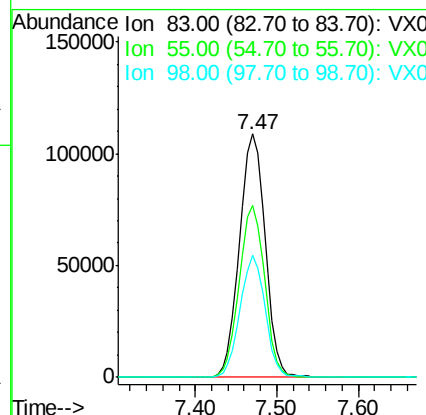
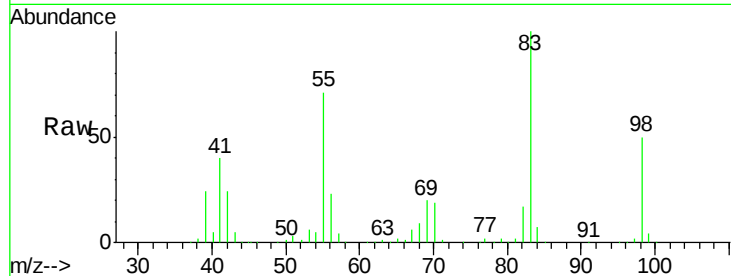
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	237321
Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.7	83.5
98	50.2	39.7	59.5

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#40

Benzene

Concen: 100.07 ug/l

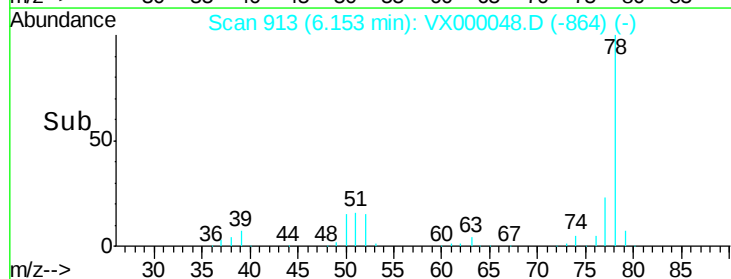
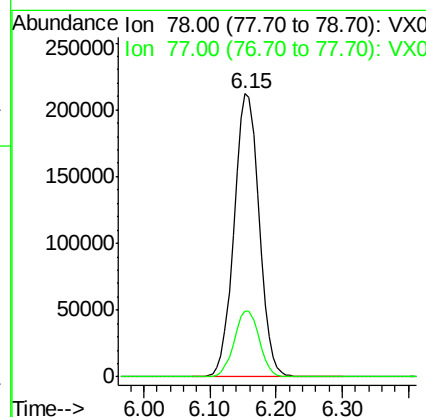
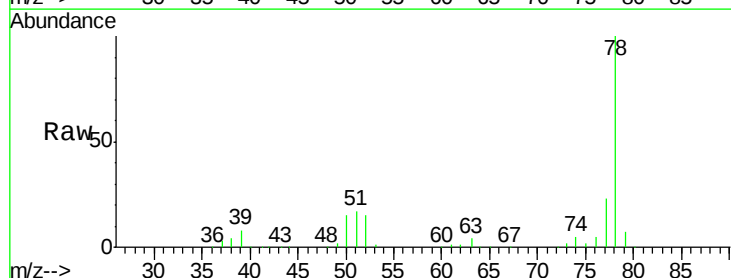
RT: 6.15 min Scan# 913

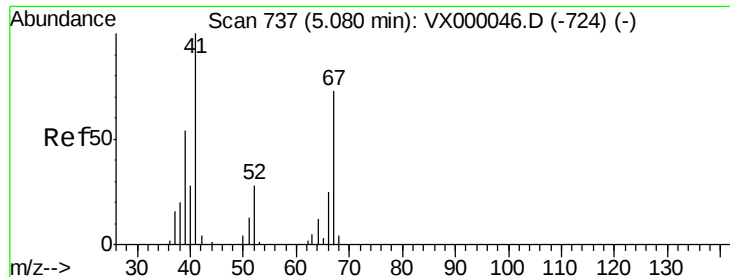
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	78	Resp:	556852
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





#41

Methacrylonitrile

Concen: 96.54 ug/l

RT: 5.09 min Scan# 738

Delta R.T. 0.01 min

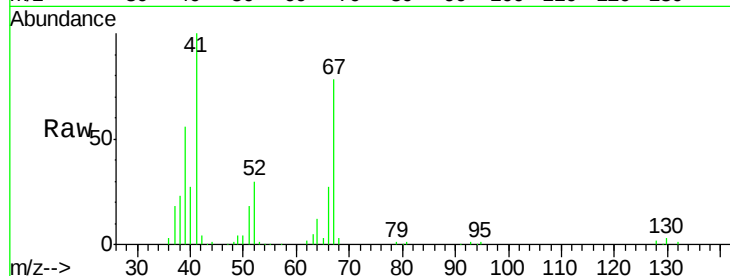
Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :

VSTDIC100



Tgt Ion: 41 Resp: 131968

Ion Ratio Lower Upper

41 100

39 55.0 45.8 68.8

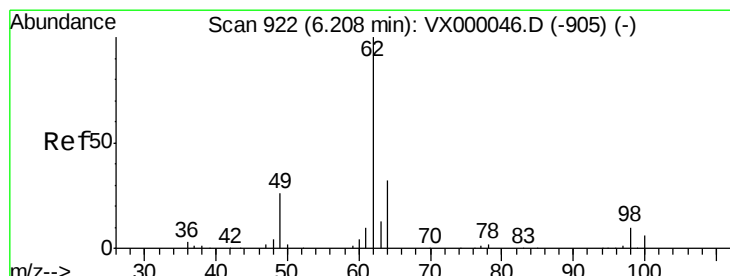
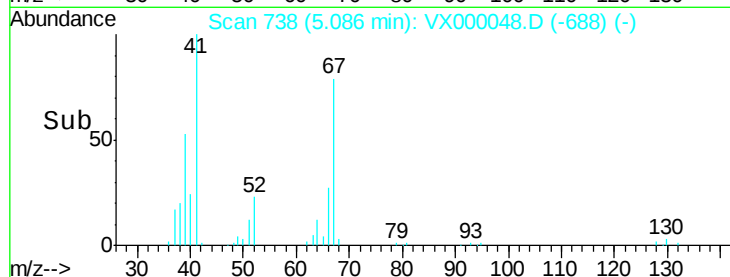
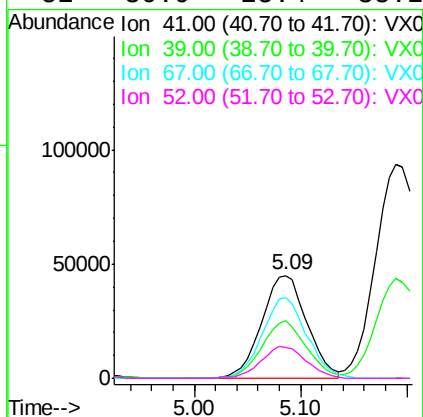
67 77.5 60.6 91.0

52 30.9 25.4 38.2

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#42

1,2-Dichloroethane

Concen: 98.04 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX000048.D

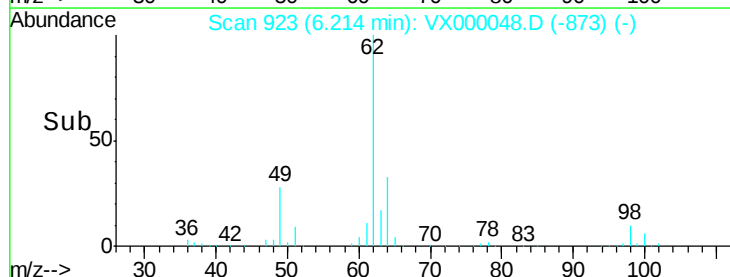
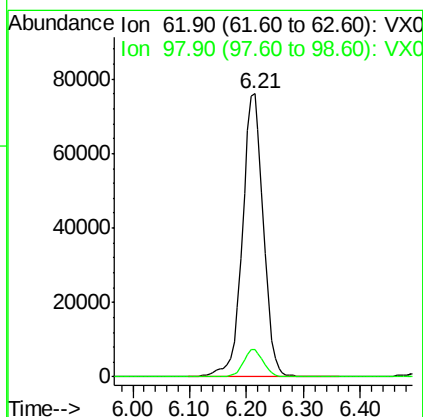
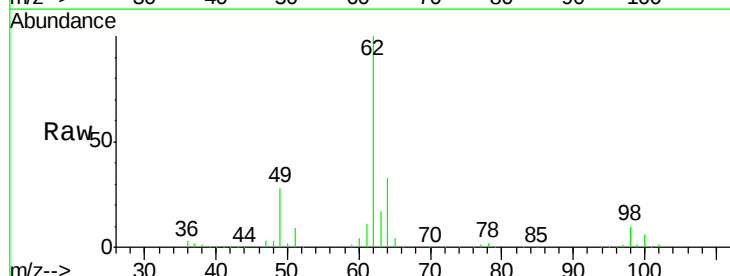
Acq: 09 Feb 2018 17:25

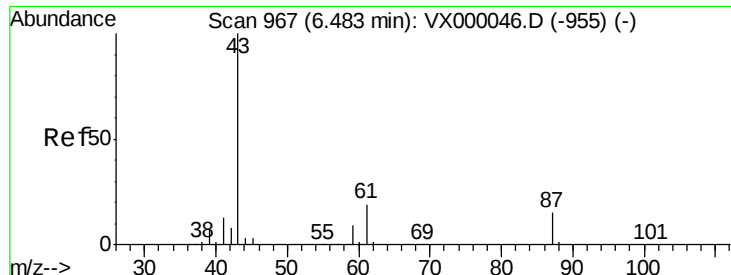
Tgt Ion: 62 Resp: 195131

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 99.19 ug/l

RT: 6.49 min Scan# 968

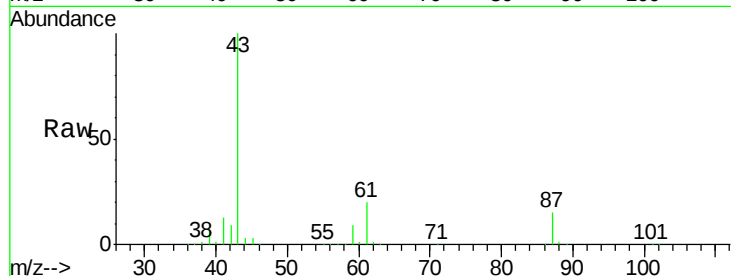
Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

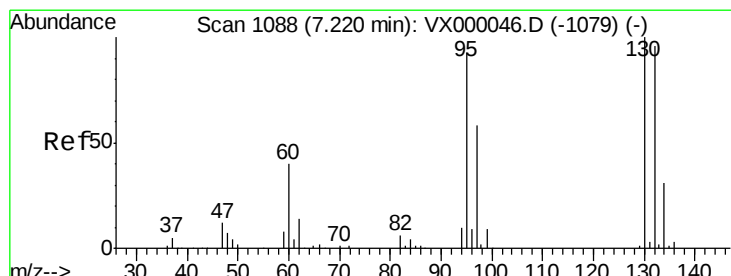
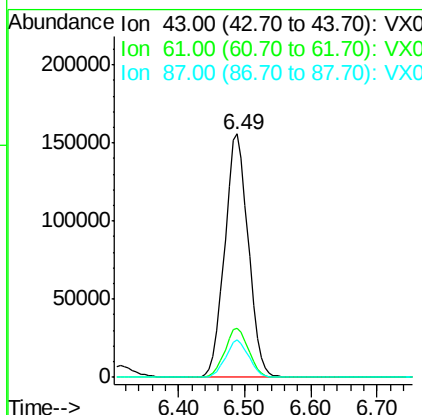
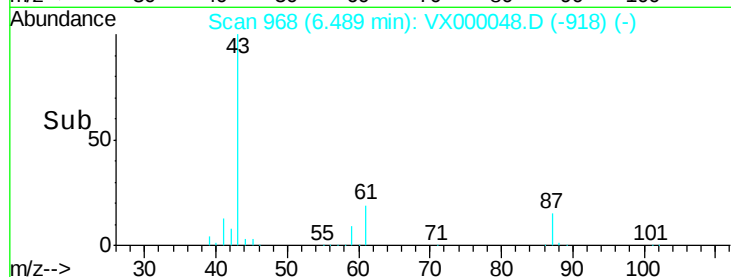
ClientSampled :
VSTDIC100



Tgt Ion:	43	Resp:	382872
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.9	23.9
87	15.2	11.8	17.6

Manual Integrations
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#44

Trichloroethene

Concen: 97.50 ug/l

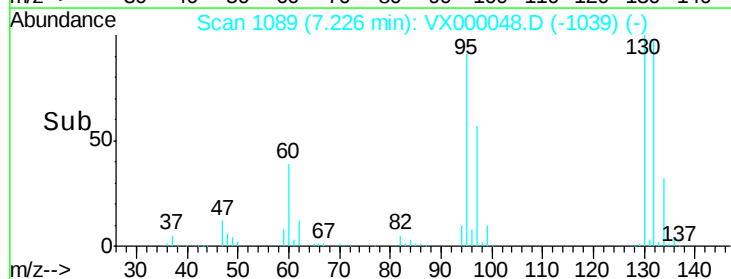
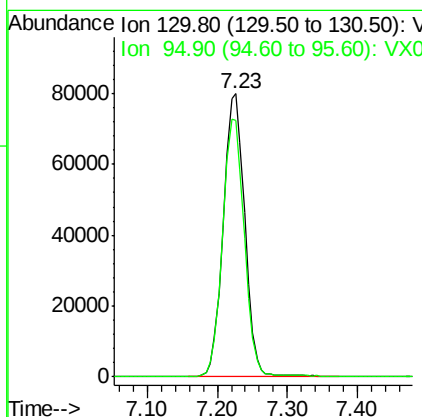
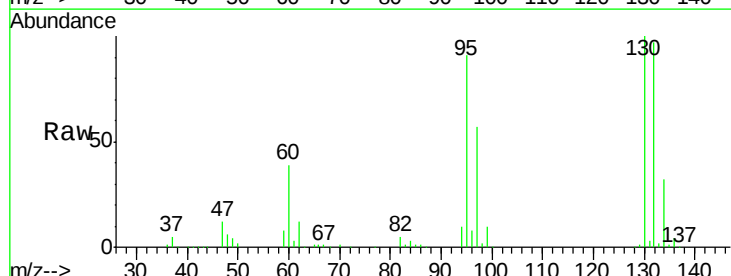
RT: 7.23 min Scan# 1089

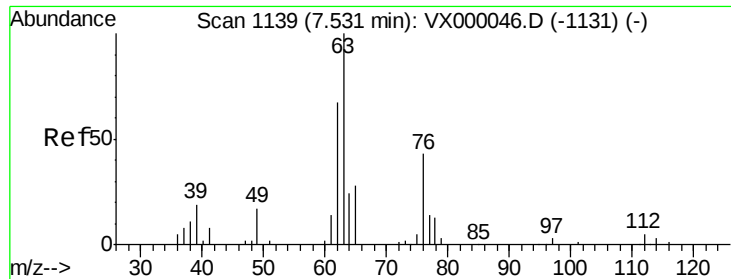
Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	130	Resp:	171284
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	185.2





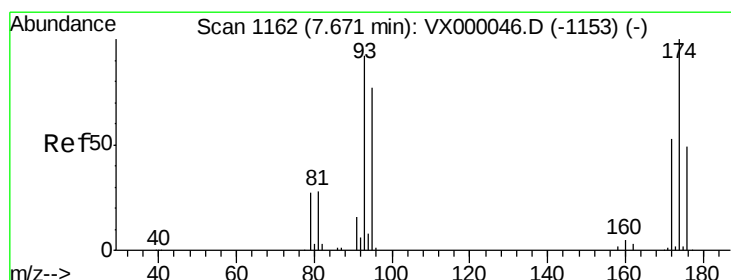
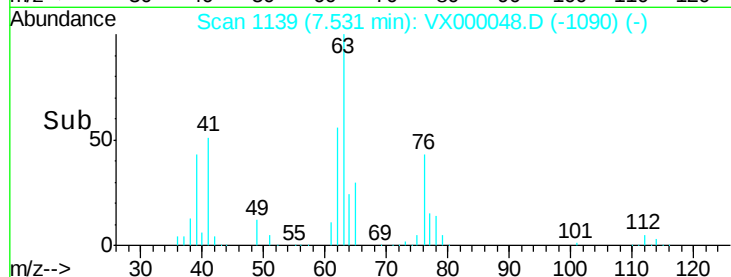
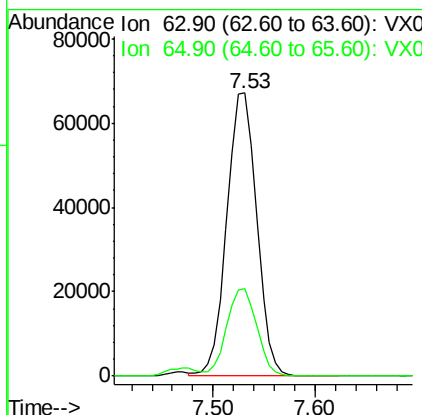
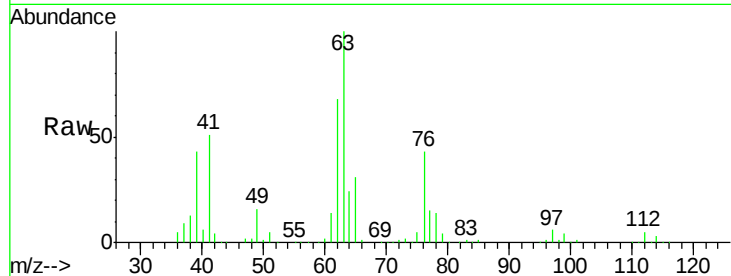
#45
 1,2-Dichloropropane
 Concen: 98.58 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 136674
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.7 35.5

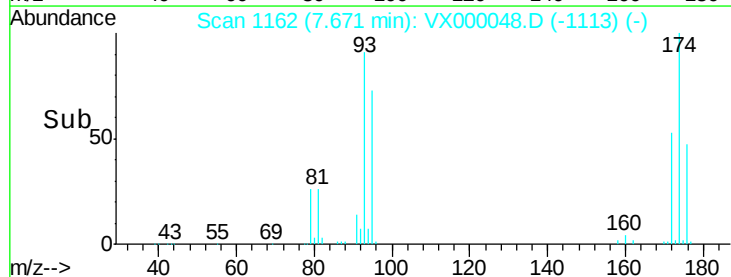
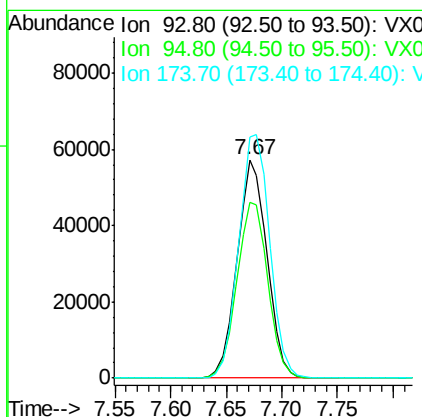
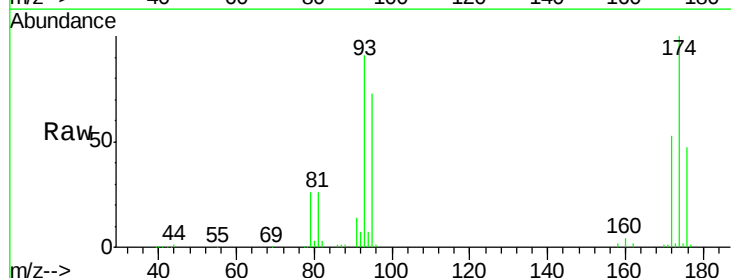
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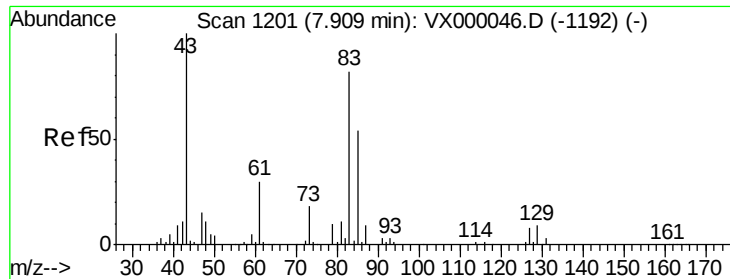
sam
 2/14/2018 5:30:27 PM



#46
 Dibromomethane
 Concen: 98.45 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion: 93 Resp: 106269
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.3 99.5
 174 116.0 90.4 135.6





#47

Bromodichloromethane

Concen: 101.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

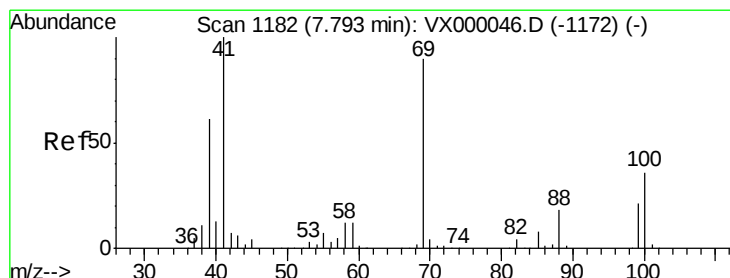
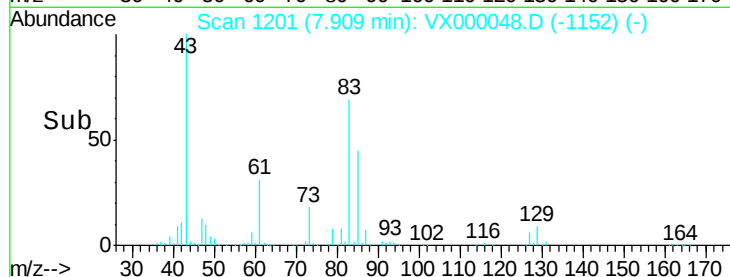
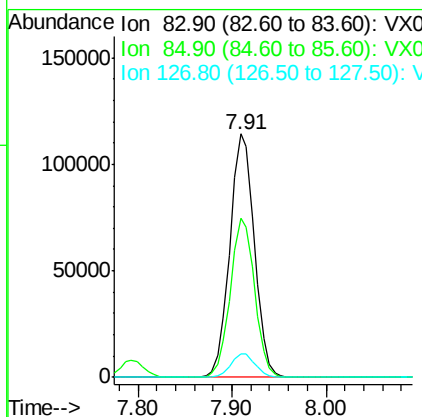
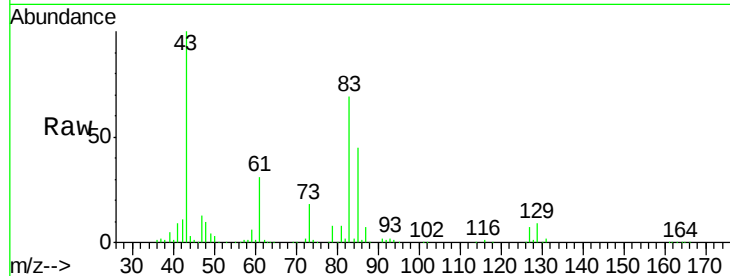
ClientSampled :

VSTDIC100

Tgt Ion:	83	Resp:	205641
Ion Ratio	Lower	Upper	
83	100		
85	65.3	52.3	78.5
127	9.5	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 97.14 ug/l

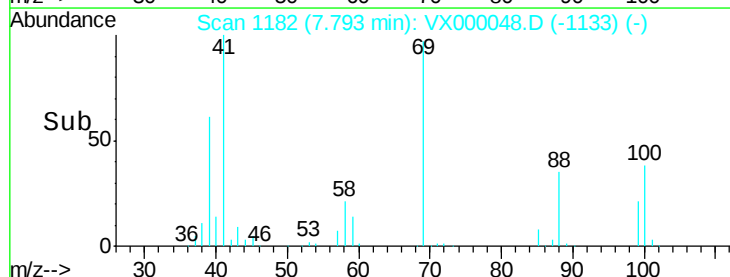
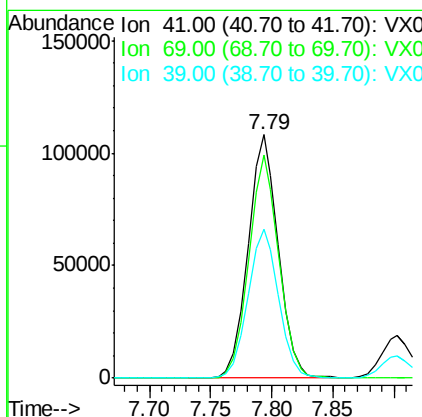
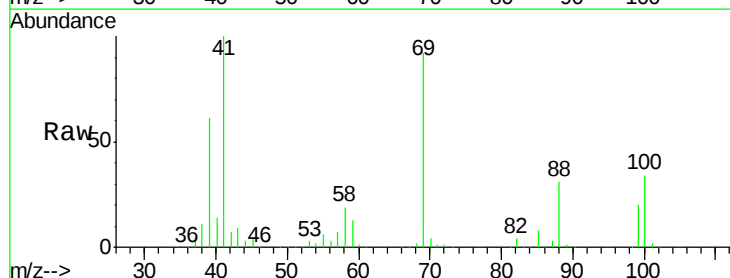
RT: 7.79 min Scan# 1182

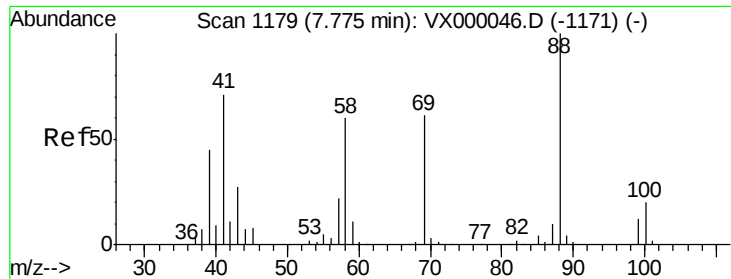
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	41	Resp:	185079
Ion Ratio	Lower	Upper	
41	100		
69	91.2	72.1	108.1
39	62.1	49.6	74.4





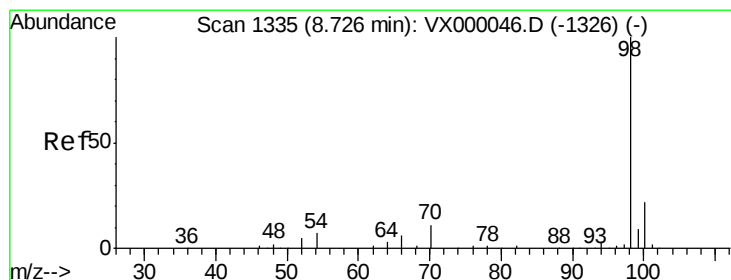
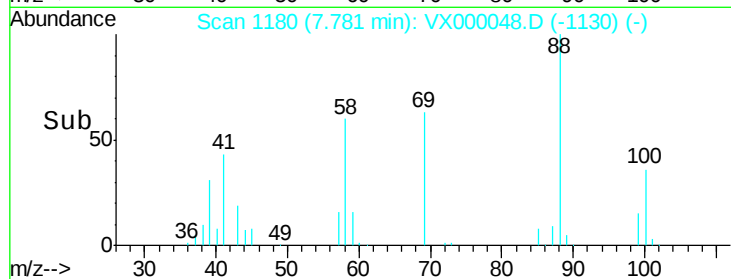
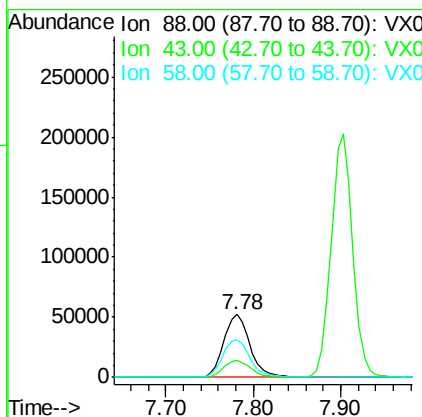
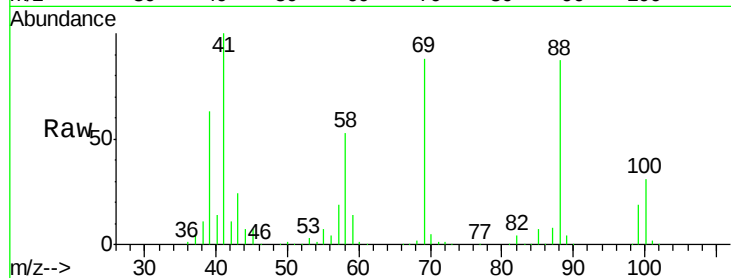
#49
1,4-Dioxane
Concen: 1992.35 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.6	33.8
58	62.5	49.4	74.2

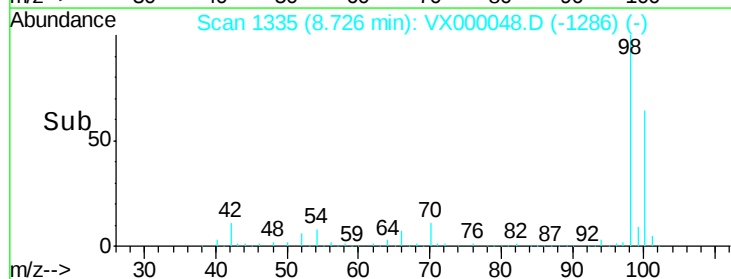
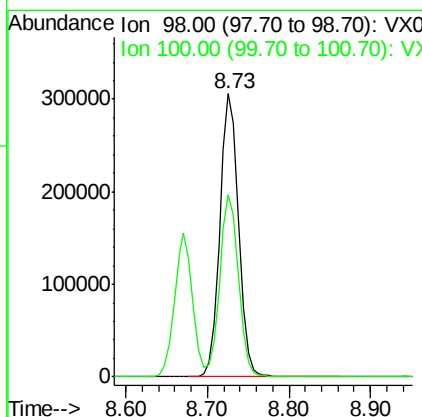
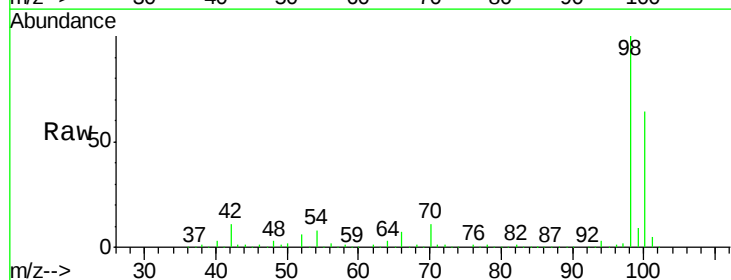
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#50
Toluene-d8
Concen: 97.07 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6





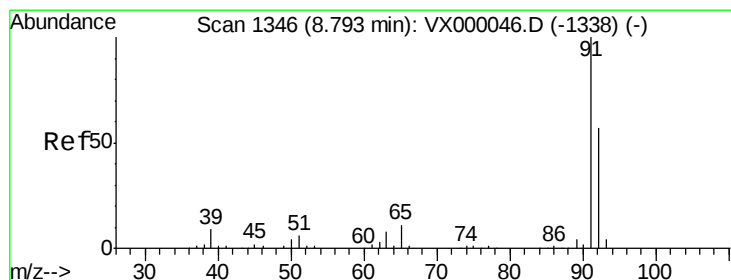
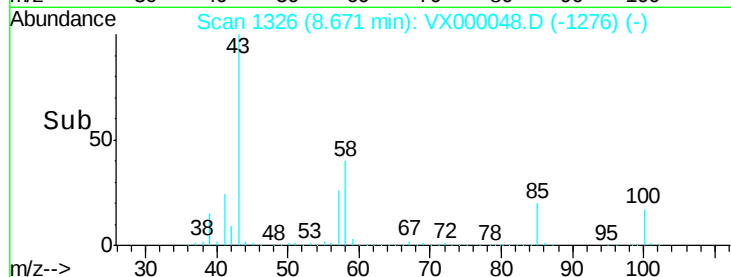
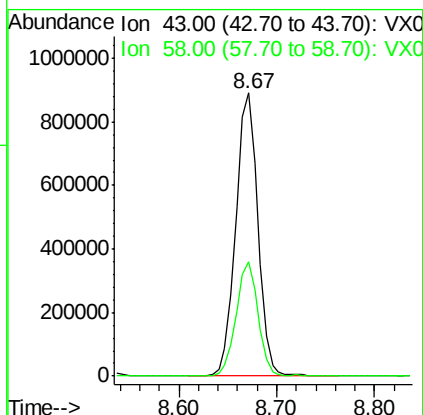
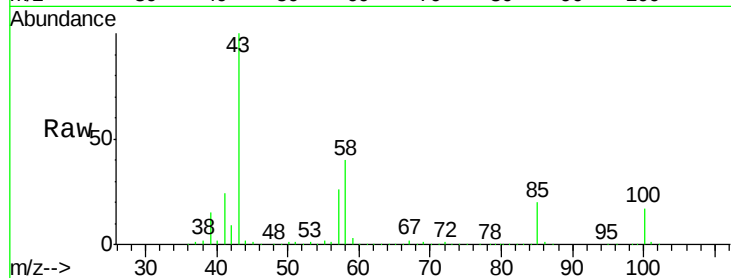
#51
4-Methyl-2-Pentanone
Concen: 508.20 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampled :
VSTDIC100

Tgt Ion: 43 Resp: 1401525
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1

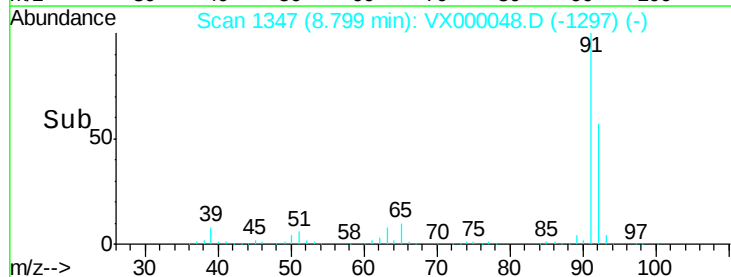
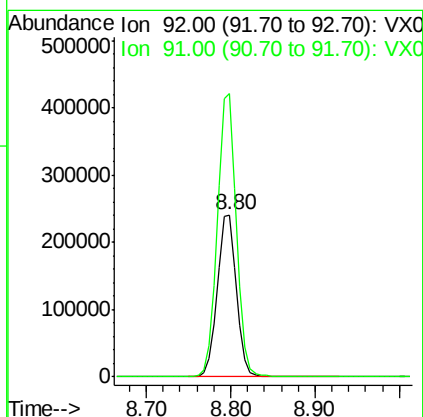
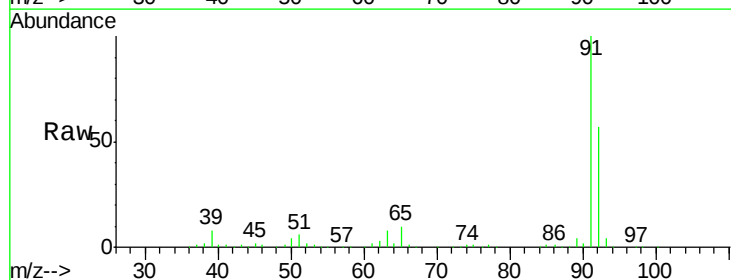
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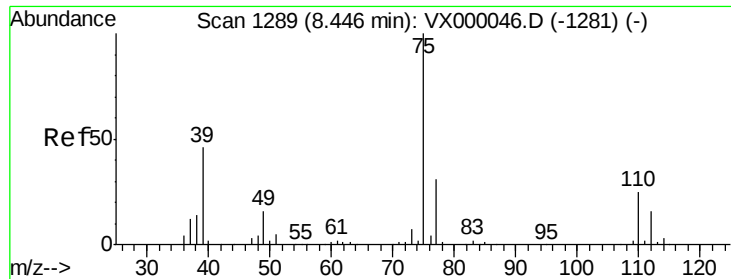
sam
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#52
Toluene
Concen: 101.68 ug/l
RT: 8.80 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion: 92 Resp: 379286
Ion Ratio Lower Upper
92 100
91 174.0 139.8 209.6





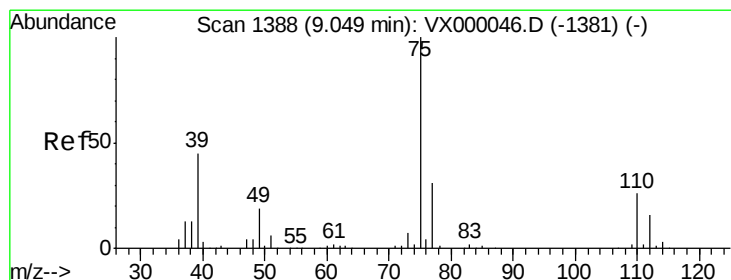
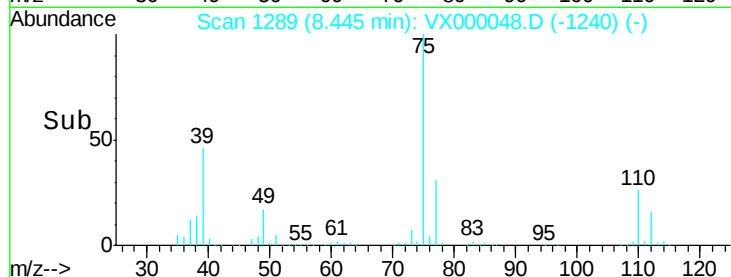
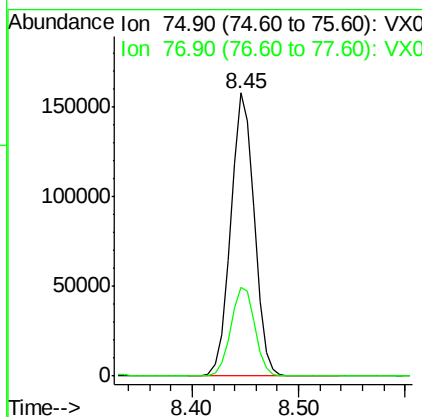
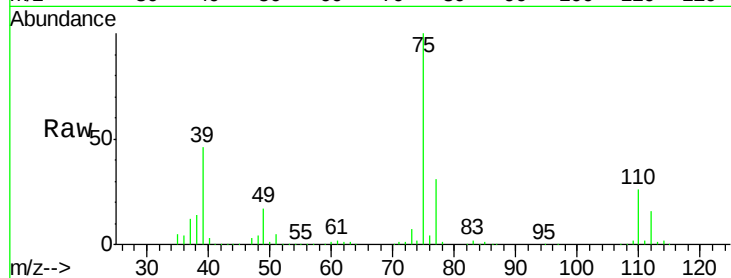
#53
 t-1,3-Dichloropropene
 Concen: 103.96 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampled :
 VSTDIC100

Tgt Ion: 75 Resp: 244643
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4

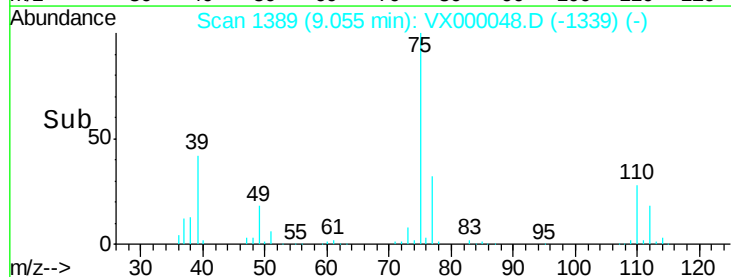
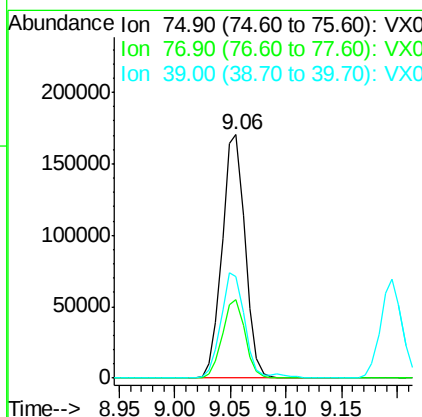
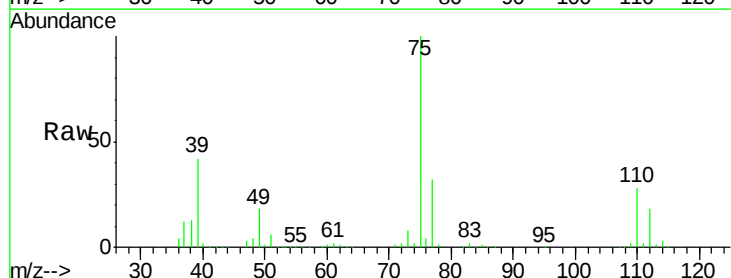
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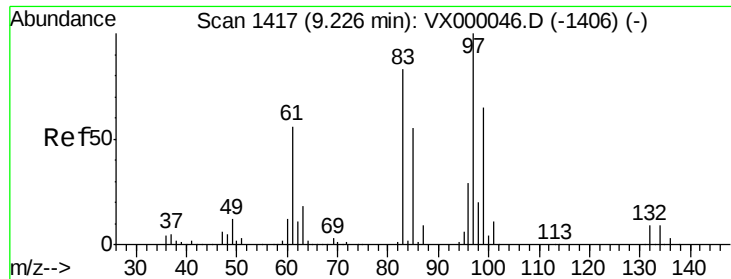
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 106.10 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion: 75 Resp: 243474
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7
 39 41.8 36.1 54.1





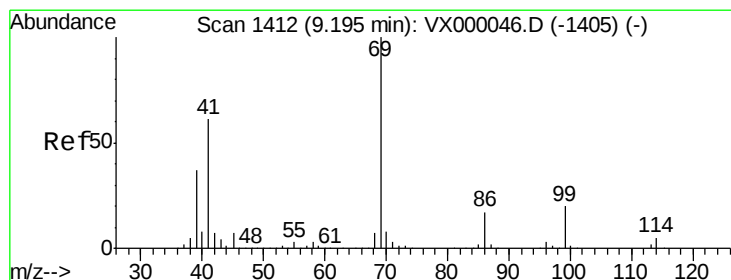
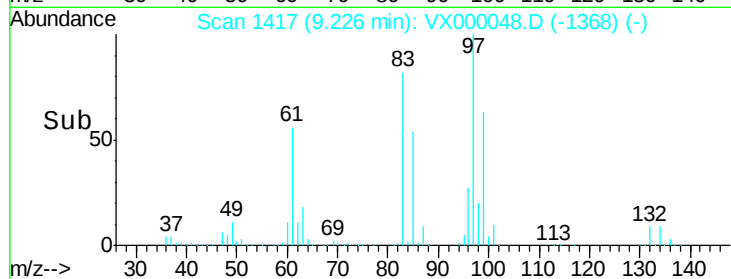
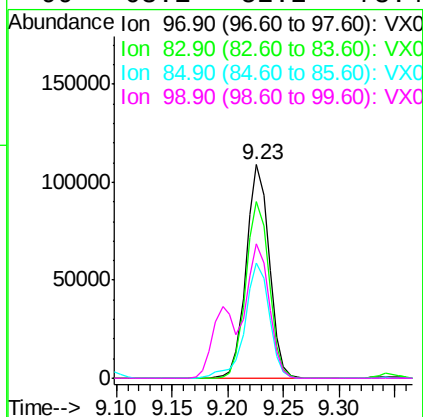
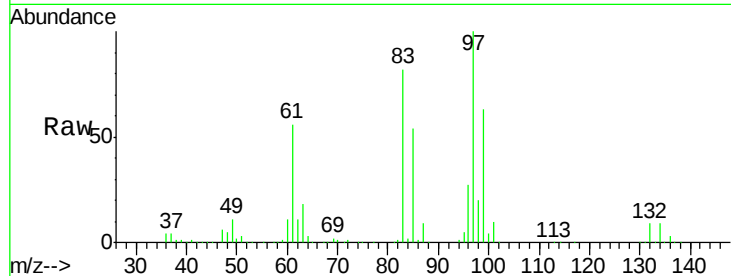
#55
 1,1,2-Trichloroethane
 Concen: 100.85 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		157523		
83	82.5	66.5	99.7		
85	54.0	43.8	65.6		
99	63.1	52.2	78.4		

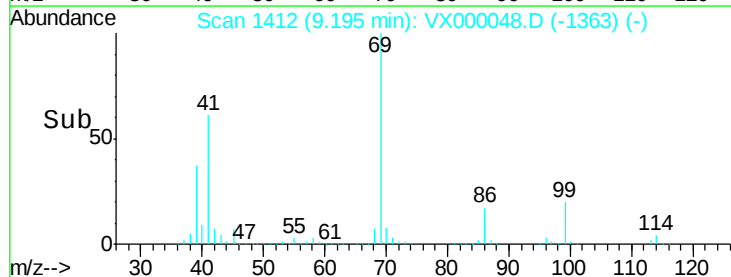
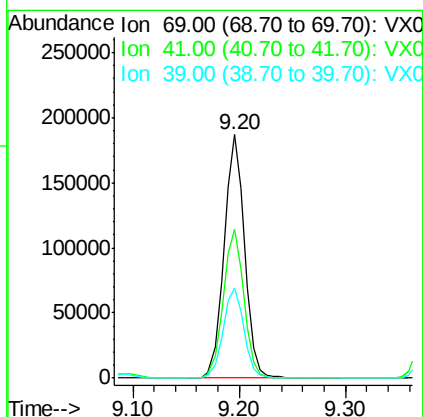
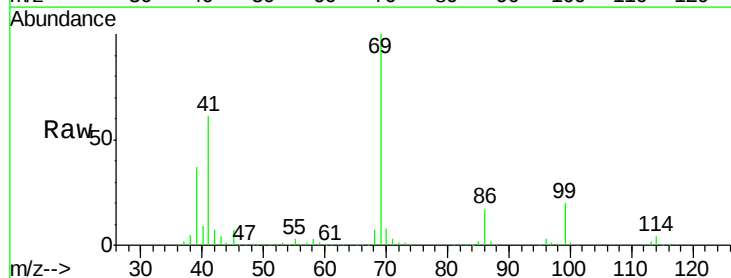
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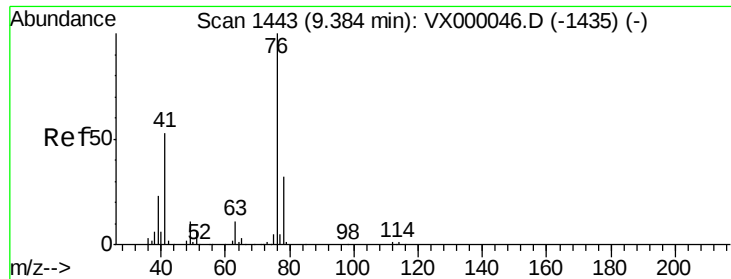
sam
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#56
 Ethyl methacrylate
 Concen: 103.80 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251959		
41	61.2	49.5	74.3		
39	37.3	29.9	44.9		





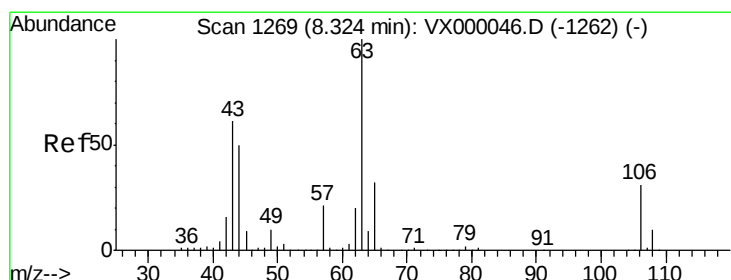
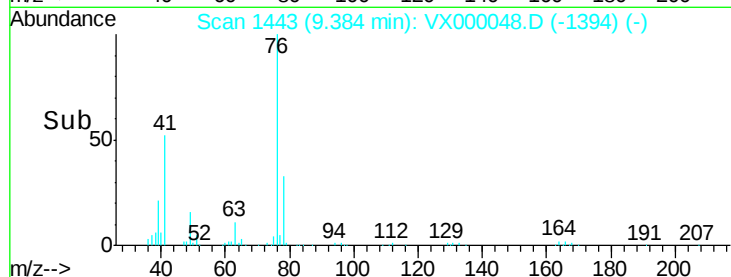
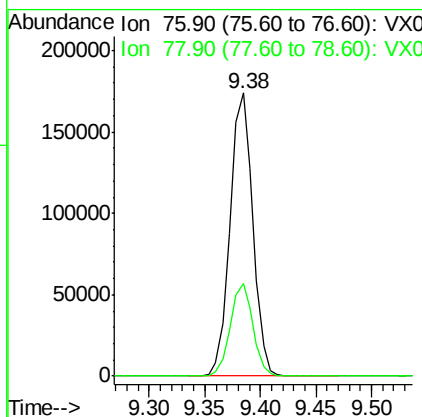
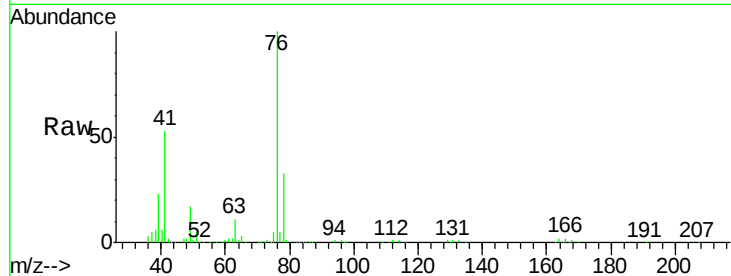
#57
 1,3-Dichloropropane
 Concen: 98.76 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampled :
 VSTDIC100

Tgt Ion: 76 Resp: 244755
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9

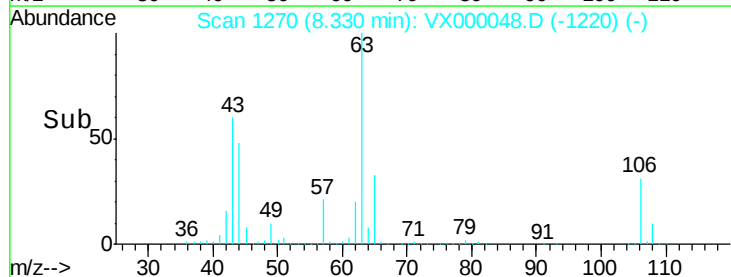
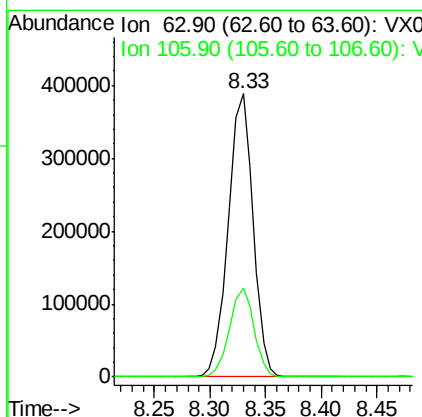
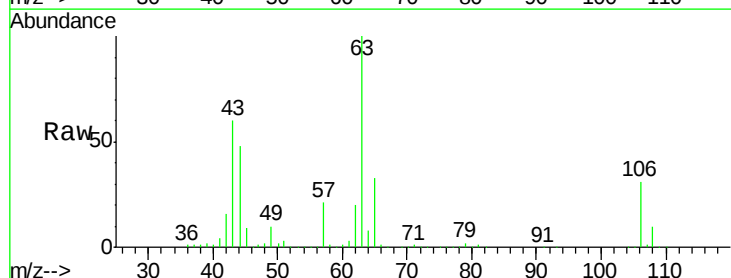
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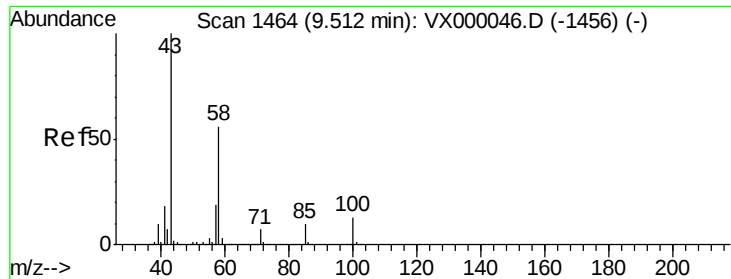
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 555.62 ug/l
 RT: 8.33 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion: 63 Resp: 600096
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.7 37.1





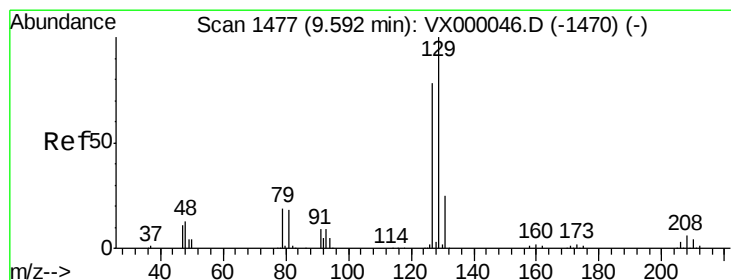
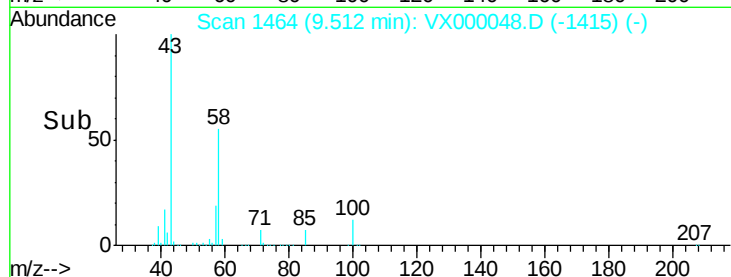
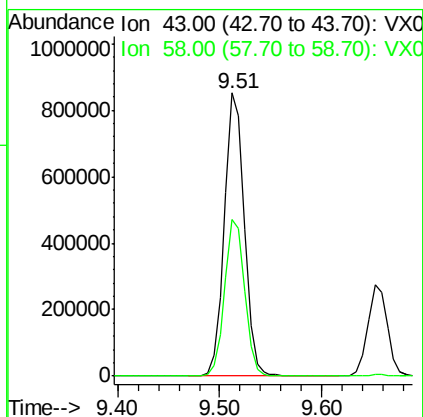
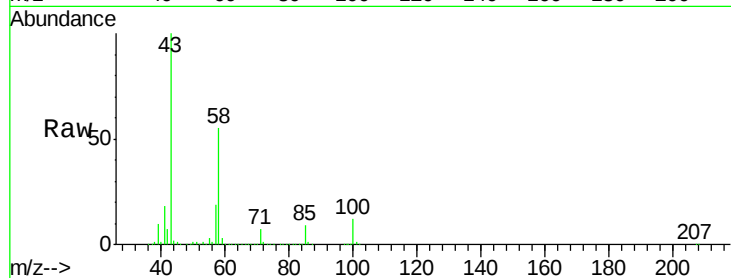
#59
2-Hexanone
Concen: 490.50 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1157755
Ion Ratio Lower Upper
43 100
58 55.7 27.6 82.7

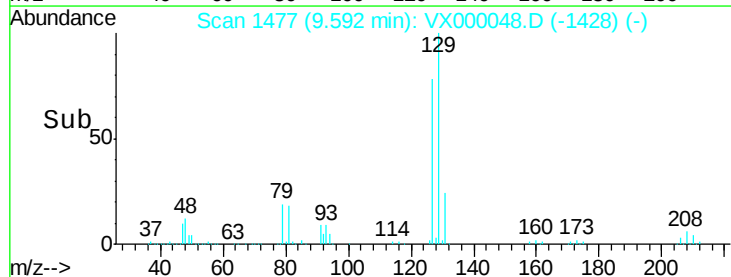
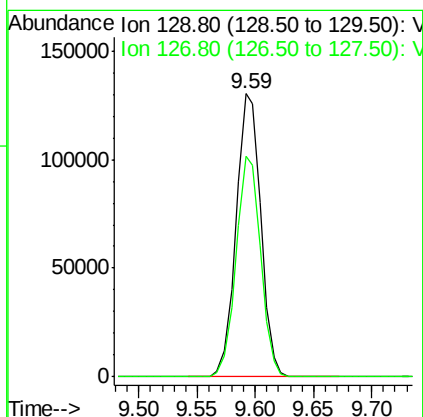
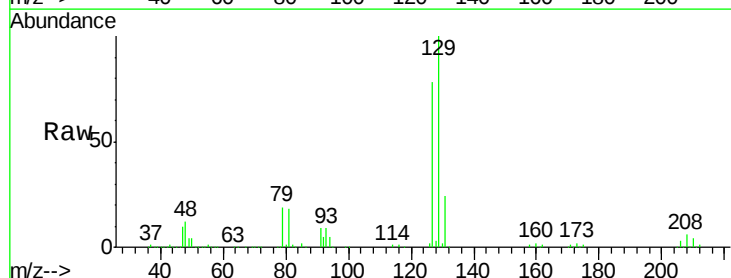
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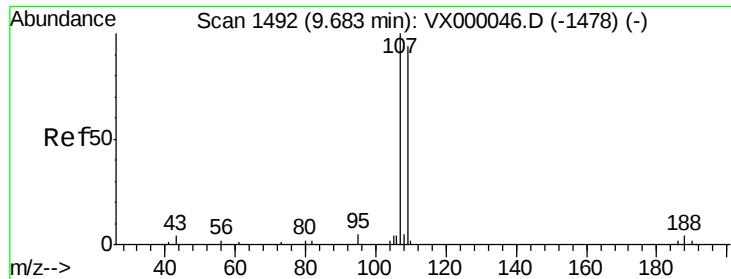
sam
2/14/2018 5:30:27 PM



#60
Dibromochloromethane
Concen: 109.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion: 129 Resp: 192318
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 103.71 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampleId :

VSTDIC100

Tgt Ion: 107 Resp: 178496

Ion Ratio Lower Upper

107 100

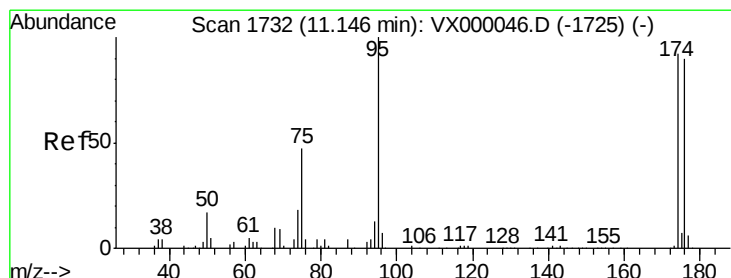
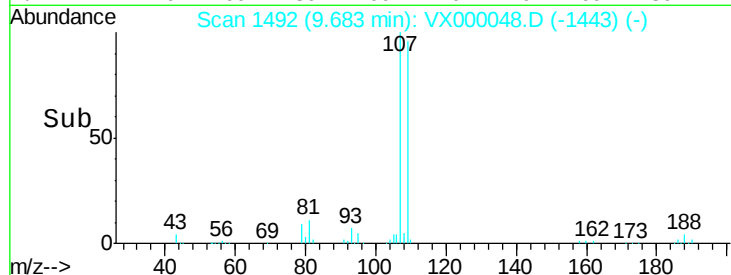
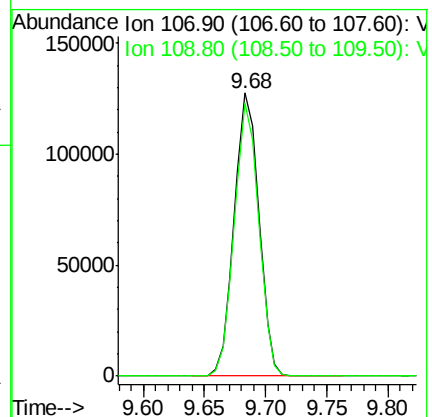
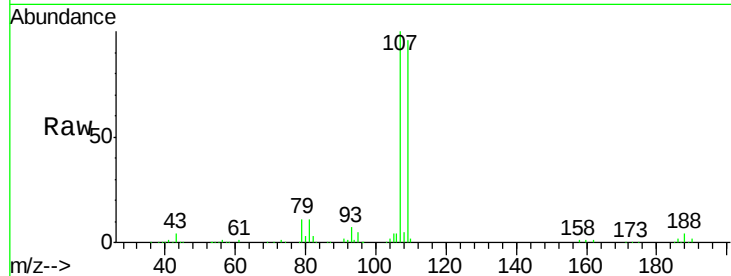
109 95.0 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 95.87 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

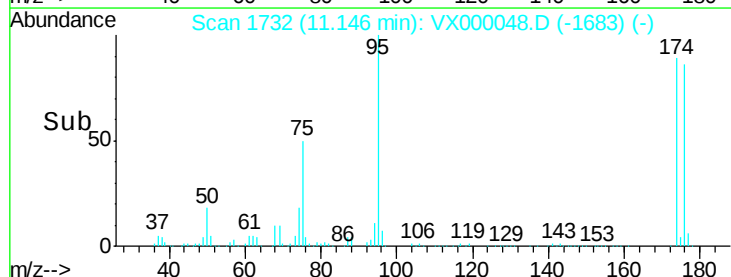
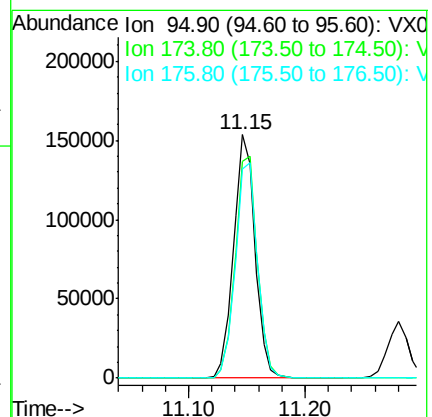
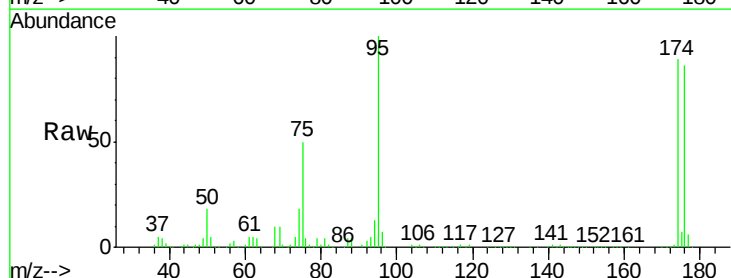
Tgt Ion: 95 Resp: 196518

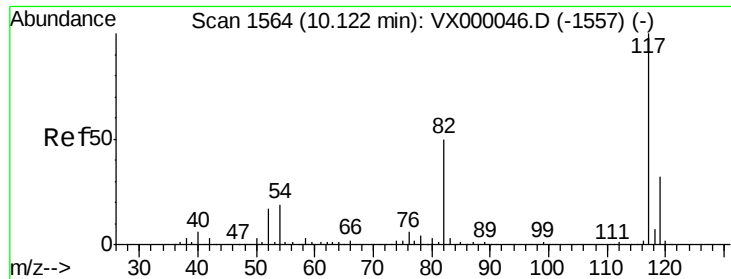
Ion Ratio Lower Upper

95 100

174 94.7 0.0 185.6

176 91.8 0.0 181.8





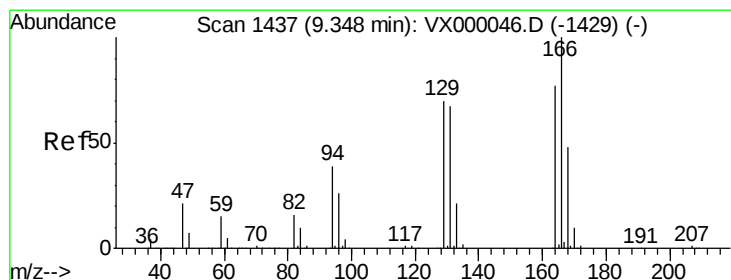
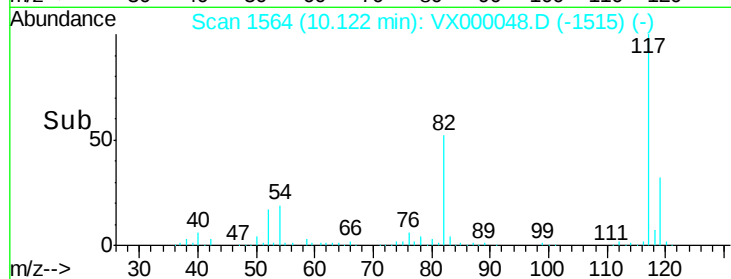
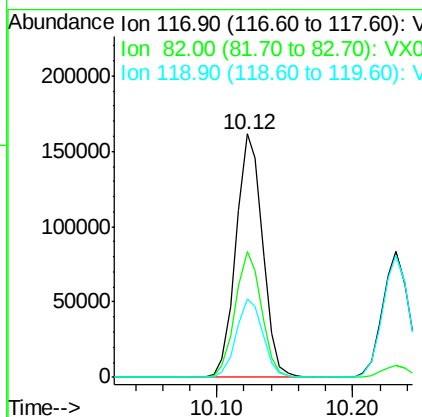
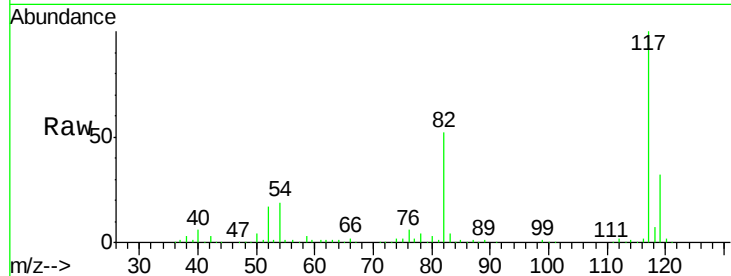
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	219560		
82	51.6	40.3	60.5	
119	32.3	25.3	37.9	

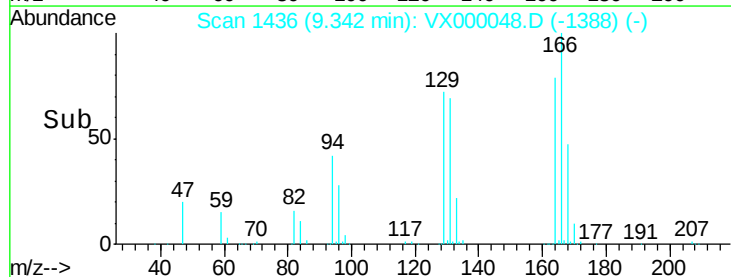
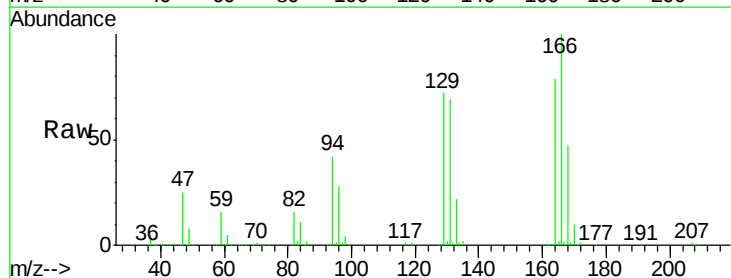
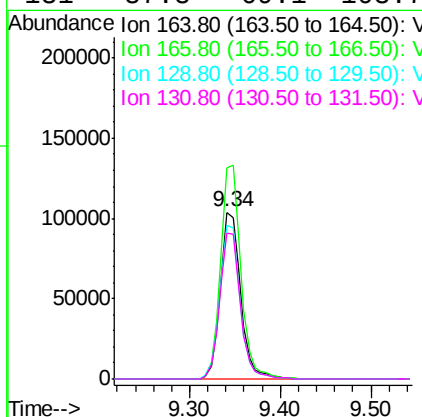
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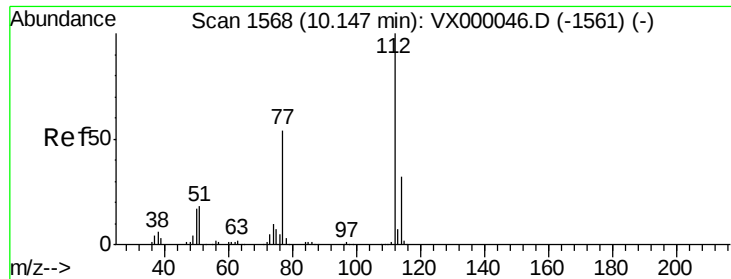
sam
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#64
Tetrachloroethene
Concen: 98.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163585		
166	127.0	103.7	155.5	
129	92.0	72.2	108.4	
131	87.8	69.1	103.7	





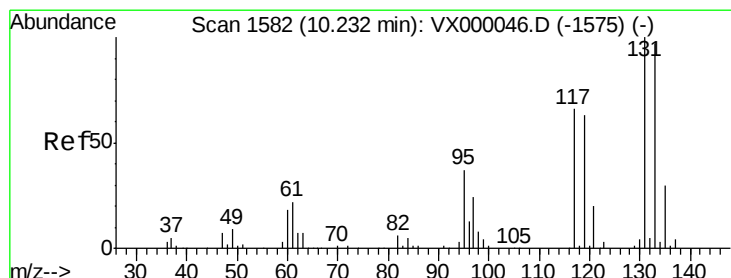
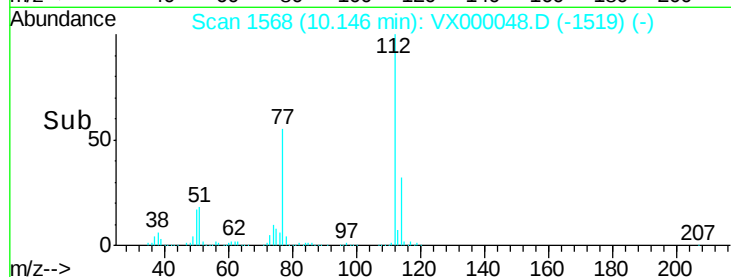
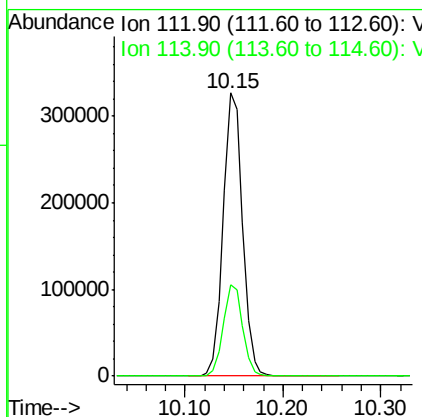
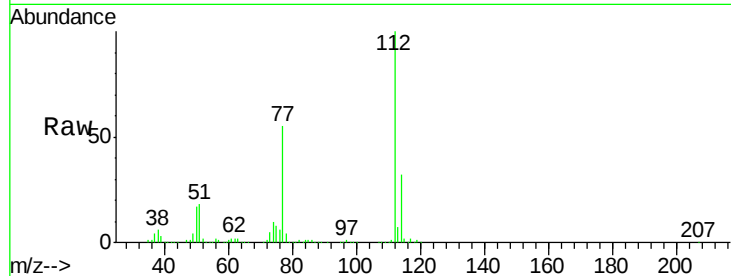
#65
Chlorobenzene
Concen: 101.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 449497
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

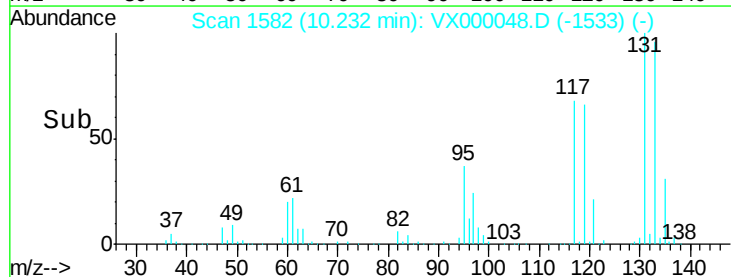
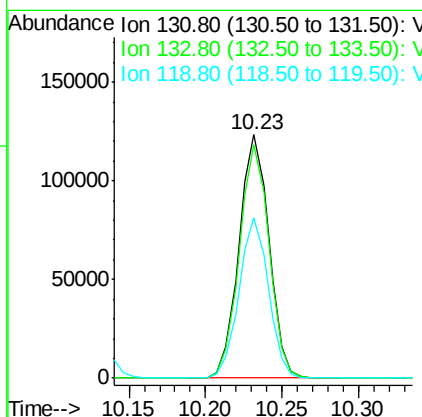
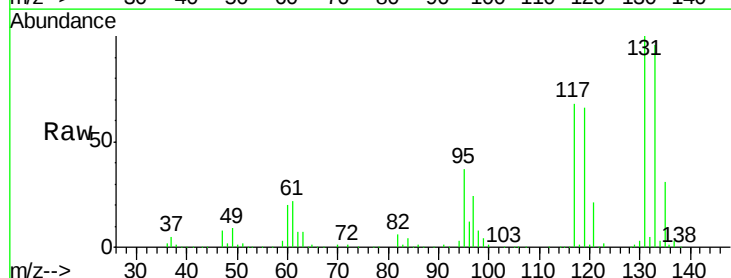
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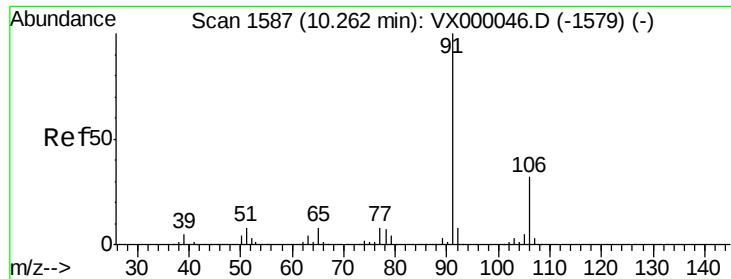
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 103.53 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion:131 Resp: 167739
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 65.0 31.7 95.1





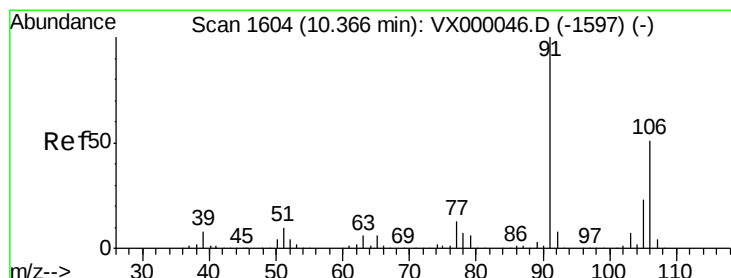
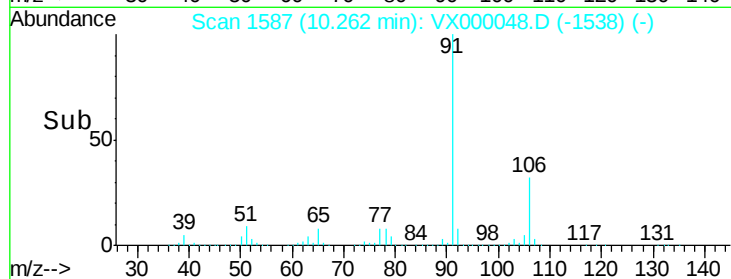
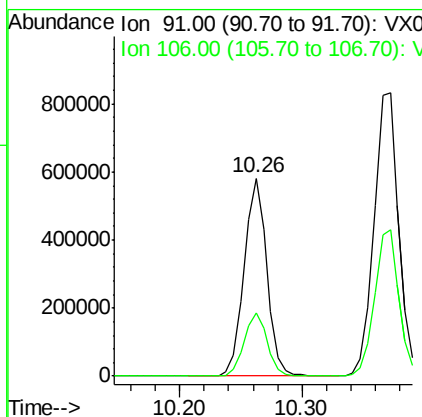
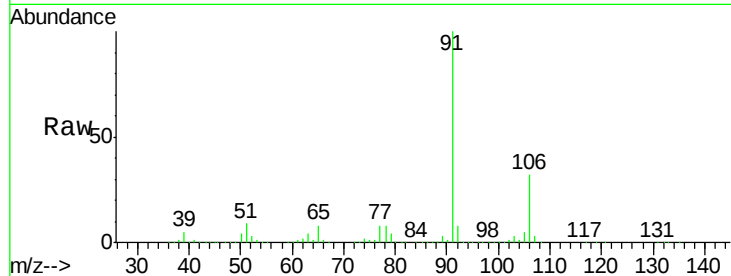
#67
Ethyl Benzene
Concen: 100.76 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampled :
VSTDIC100

Tgt Ion: 91 Resp: 748764
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

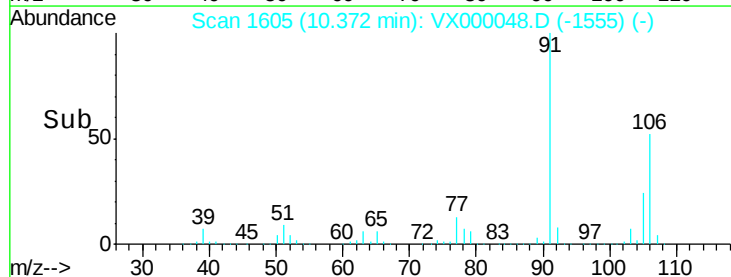
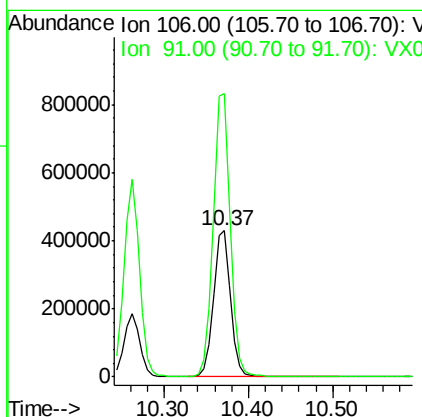
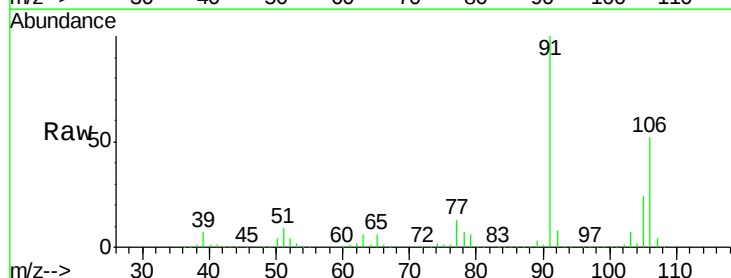
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#68
m/p-Xylenes
Concen: 204.18 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion: 106 Resp: 600462
Ion Ratio Lower Upper
106 100
91 195.7 158.3 237.5





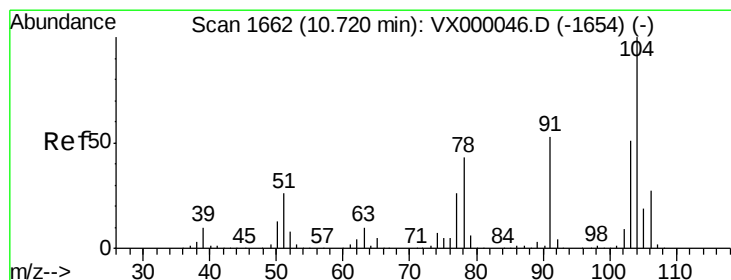
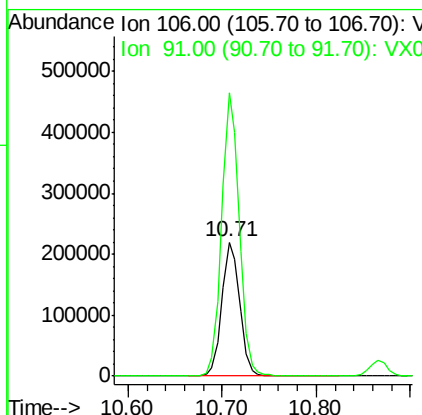
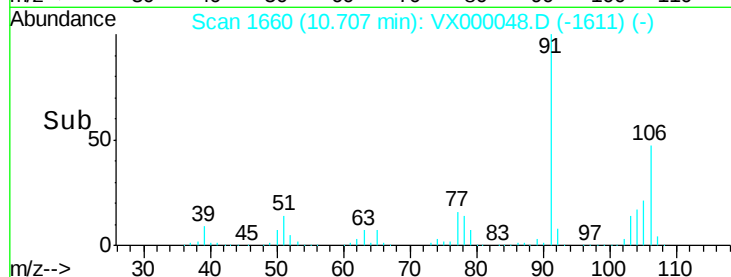
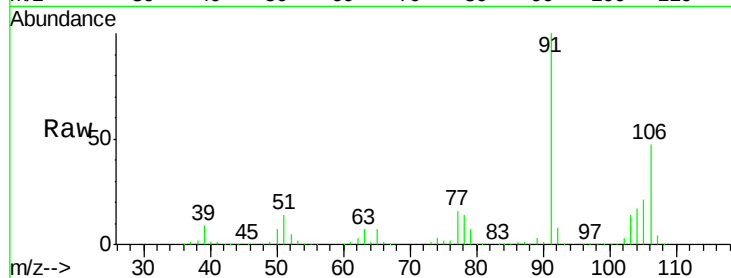
#69
o-Xylene
Concen: 101.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 288819
Ion Ratio Lower Upper
106 100
91 208.7 104.0 312.0

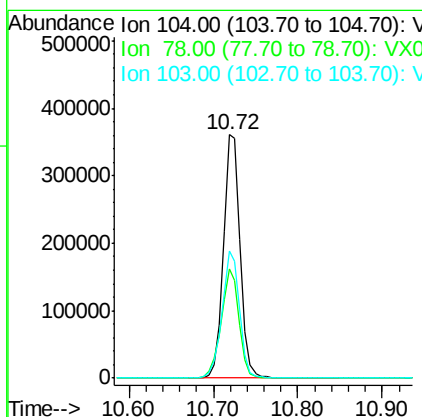
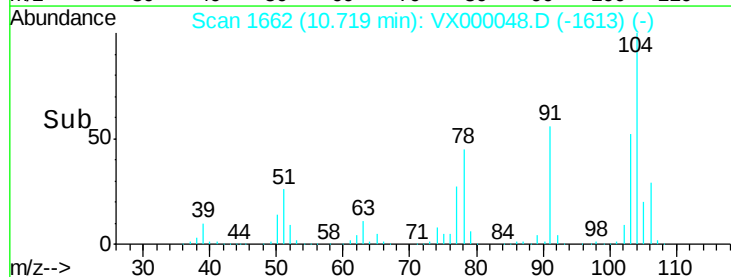
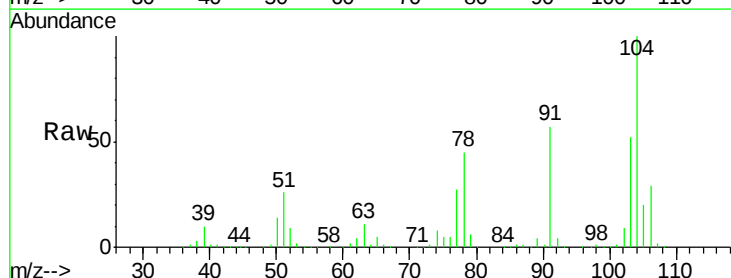
Manual Integrations
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#70
Styrene
Concen: 103.66 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion:104 Resp: 492190
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.0 44.0 66.0





#71

Bromoform

Concen: 111.74 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :

VSTDIC100

Tgt Ion:173 Resp: 170520
Ion Ratio Lower Upper

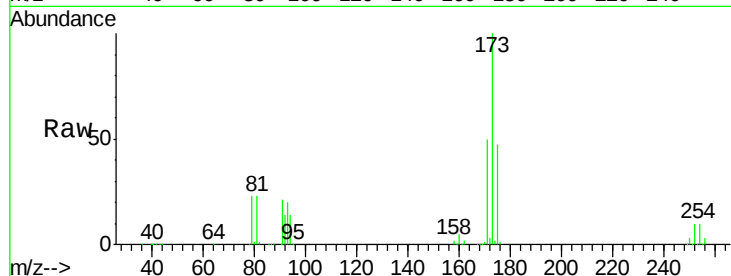
173 100

175 48.4 23.9 71.8

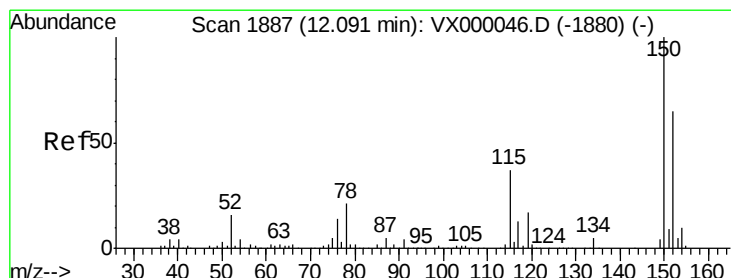
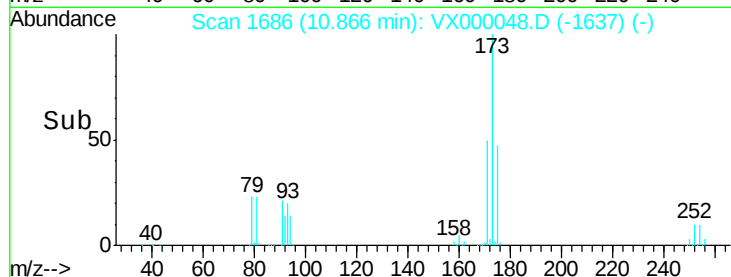
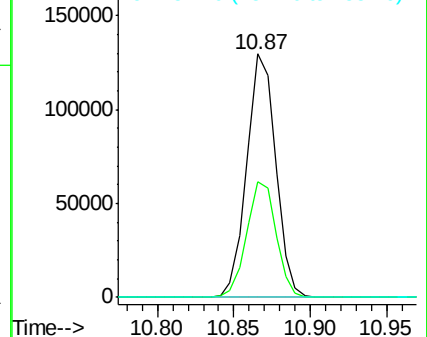
254 0.1 0.1 0.1#

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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: VX000048.D

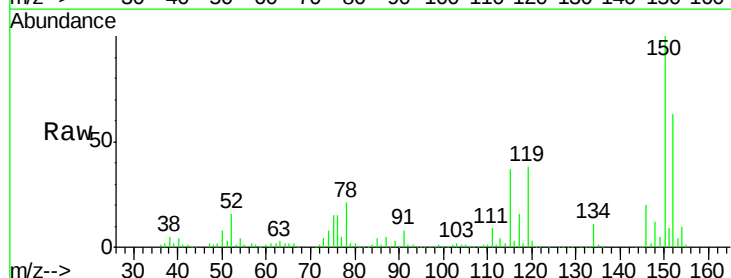
Acq: 09 Feb 2018 17:25

Tgt Ion:152 Resp: 124305
Ion Ratio Lower Upper

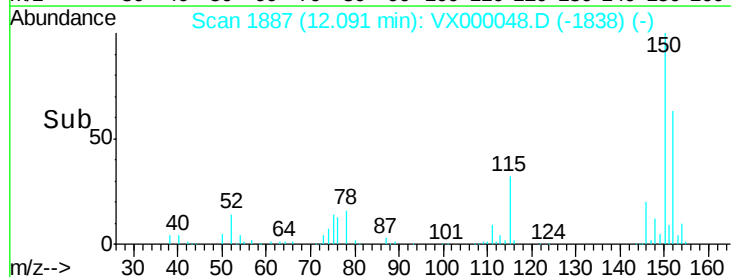
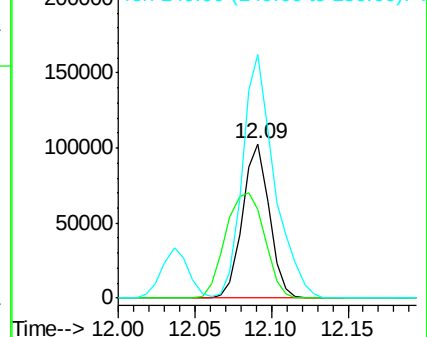
152 100

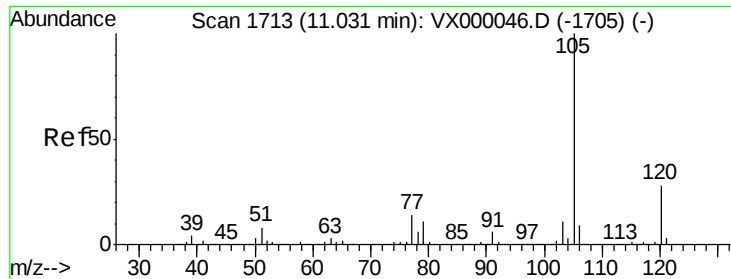
115 100.1 39.3 117.8

150 188.6 0.0 349.2



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: 101.28 ug/l

RT: 11.03 min Scan# 1713

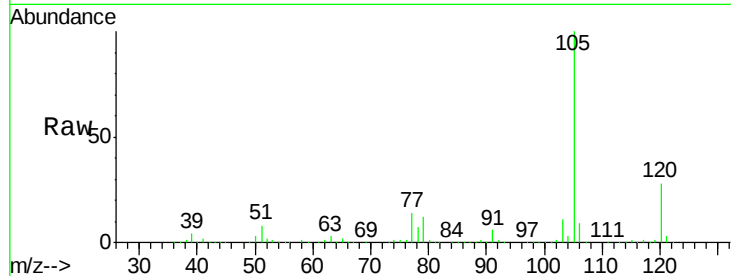
Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :
VSTDIC100



Tgt Ion: 105 Resp: 775919

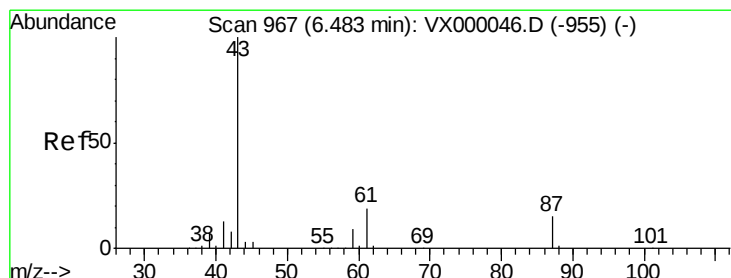
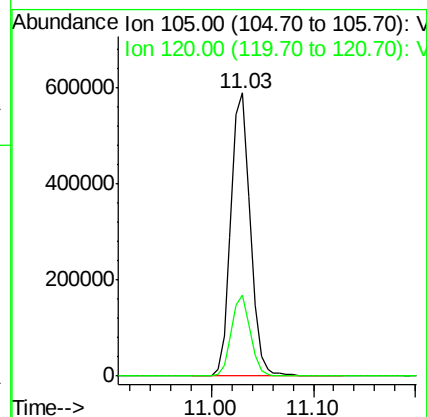
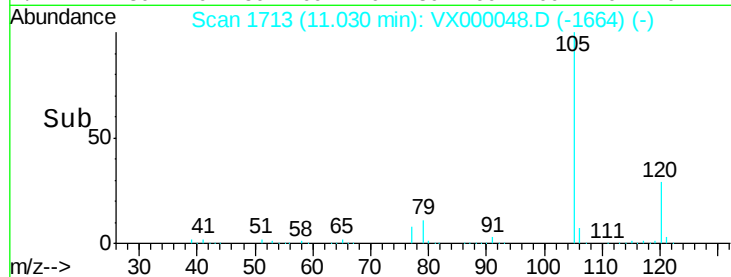
Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.3

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#74

N-ethyl acetate

Concen: 100.00 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion: 43 Resp: 382872

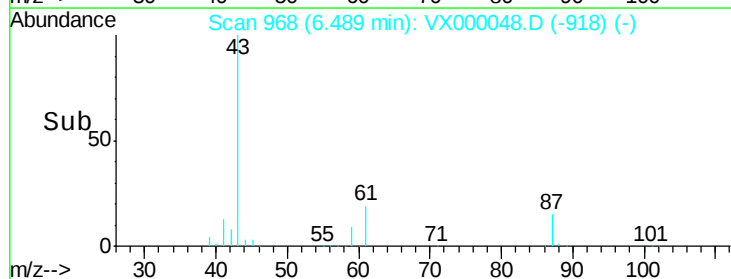
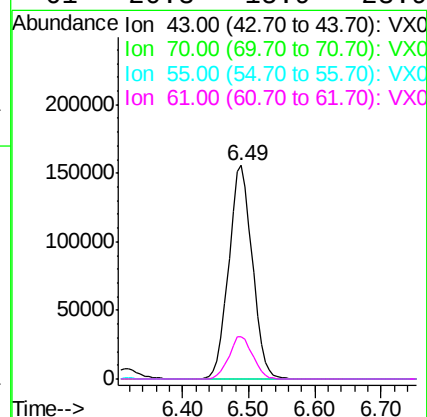
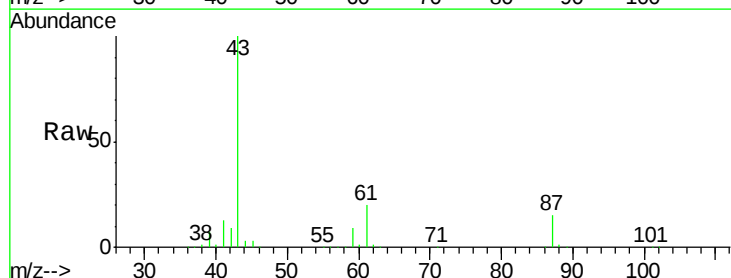
Ion Ratio Lower Upper

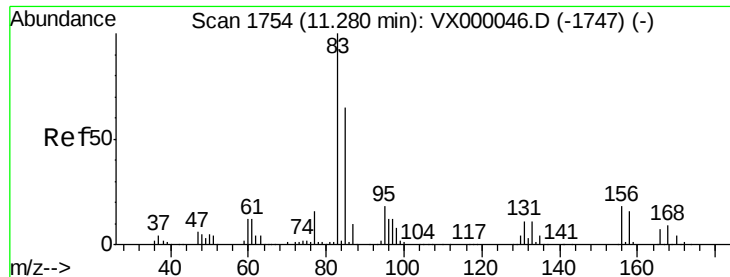
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.3 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 102.10 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampled :

VSTDIC100

Tgt Ion: 83 Resp: 267605
Ion Ratio Lower Upper

83 100

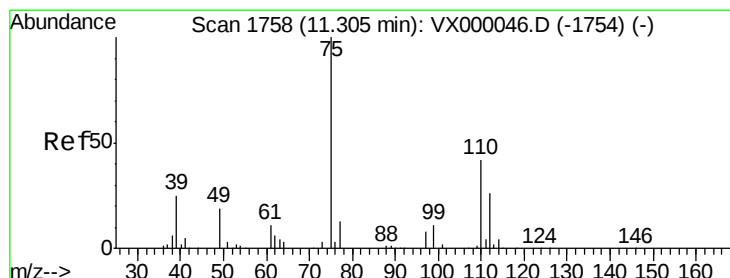
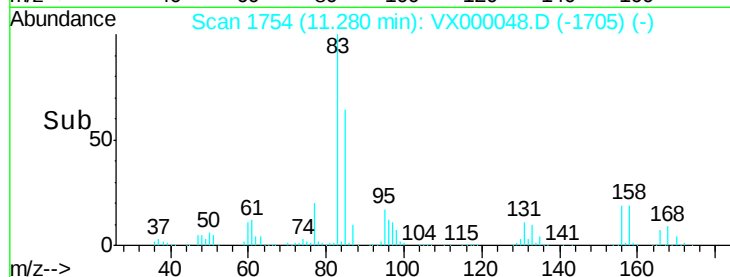
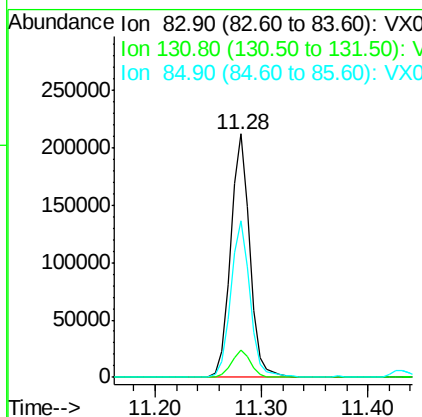
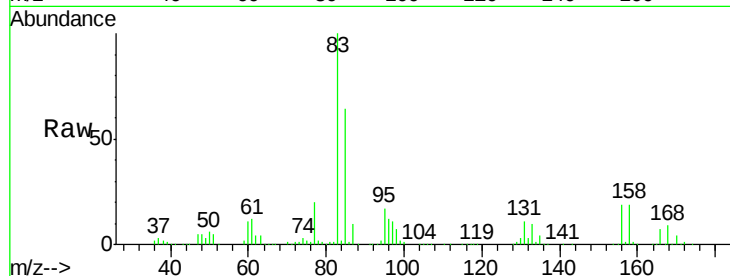
131 11.1 5.5 16.7

85 64.6 32.6 97.7

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#76

1,2,3-Trichloropropane

Concen: 96.28 ug/l m

RT: 11.31 min Scan# 1759

Delta R.T. 0.01 min

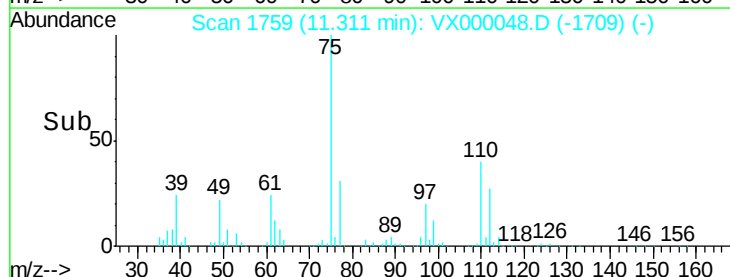
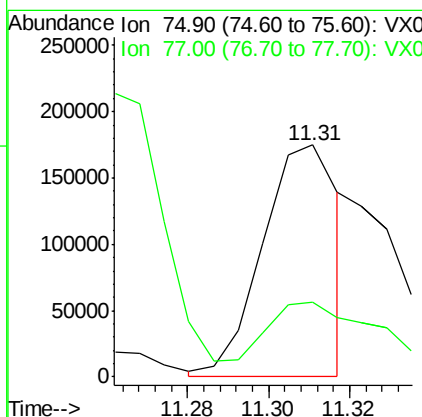
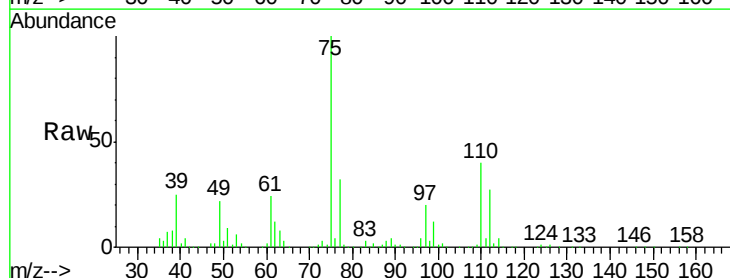
Lab File: VX000048.D

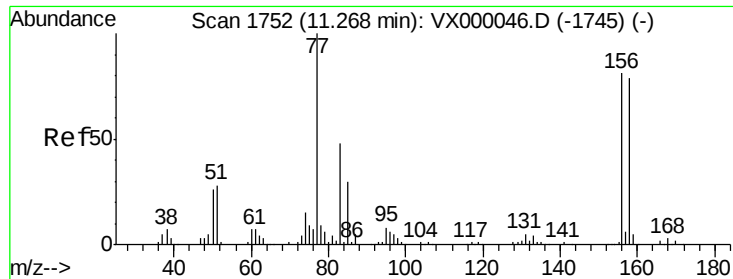
Acq: 09 Feb 2018 17:25

Tgt Ion: 75 Resp: 228646
Ion Ratio Lower Upper

75 100

77 49.2 23.7 71.1





#77

Bromobenzene

Concen: 104.19 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

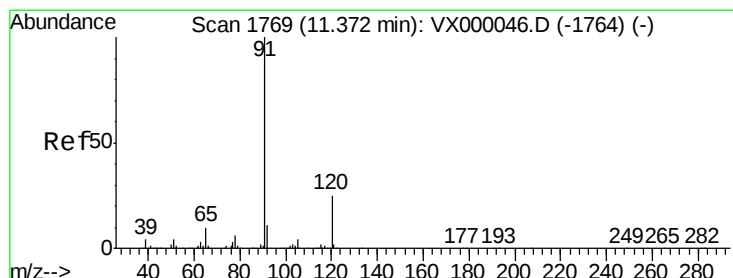
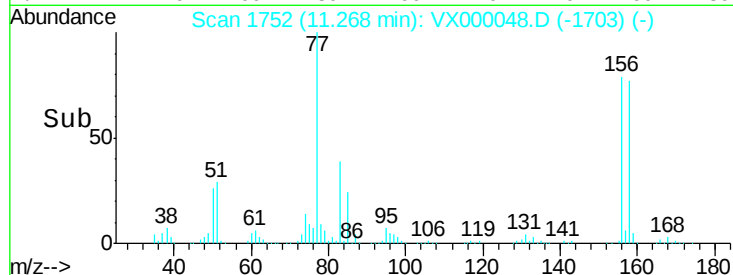
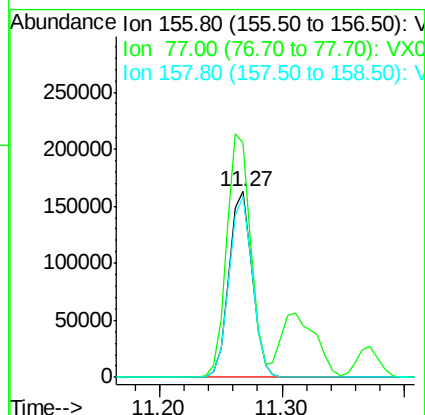
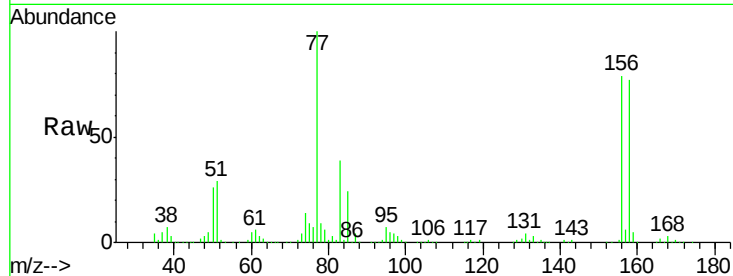
ClientSampleId :

VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	212666		
77	135.0	66.2	198.6	
158	97.6	48.6	145.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 100.92 ug/l

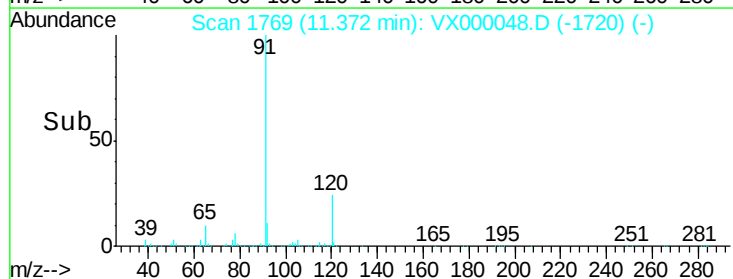
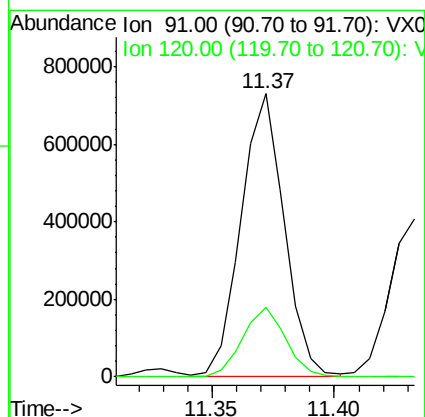
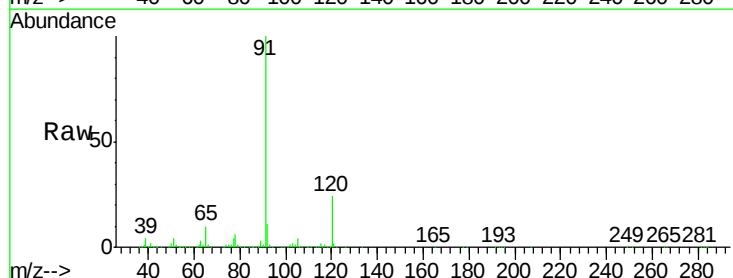
RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	897570		
120	24.5	12.2	36.6	





#79

2-Chlorotoluene

Concen: 102.77 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 519292

Ion Ratio Lower Upper

91 100

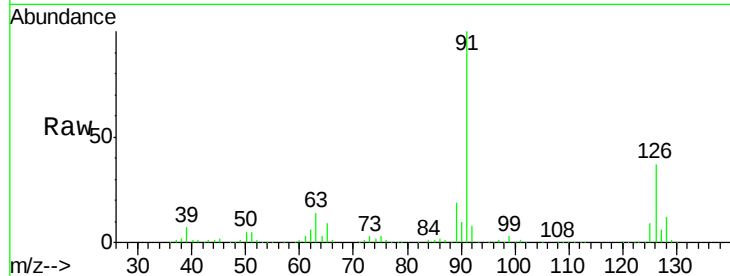
126 36.8 18.2 54.6

Manual Integrations

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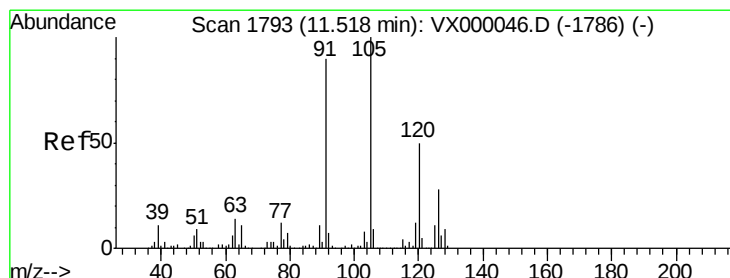
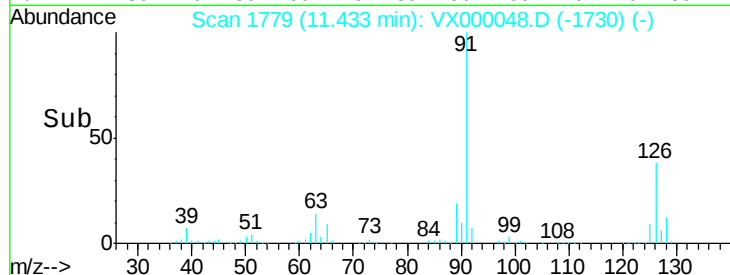
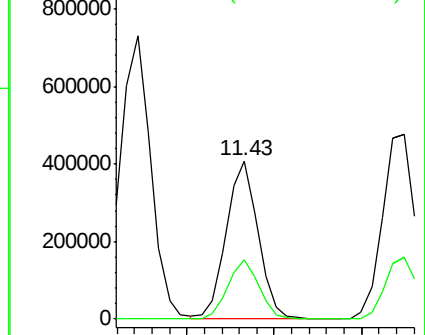
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 101.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000048.D

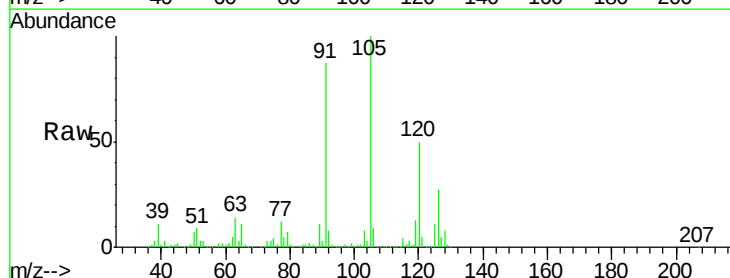
Acq: 09 Feb 2018 17:25

Tgt Ion: 105 Resp: 653349

Ion Ratio Lower Upper

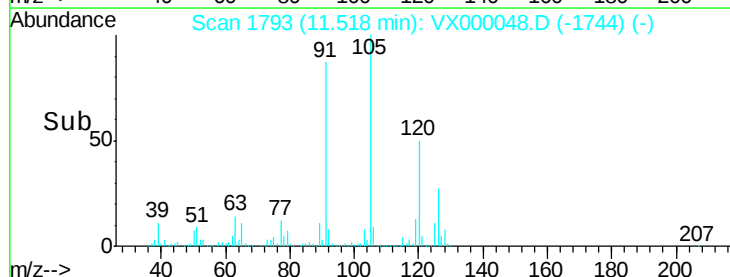
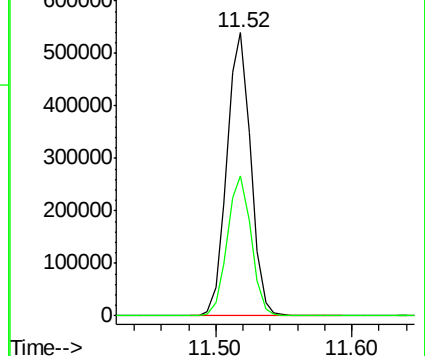
105 100

120 49.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





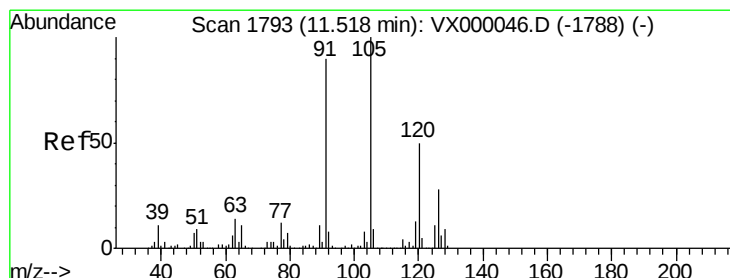
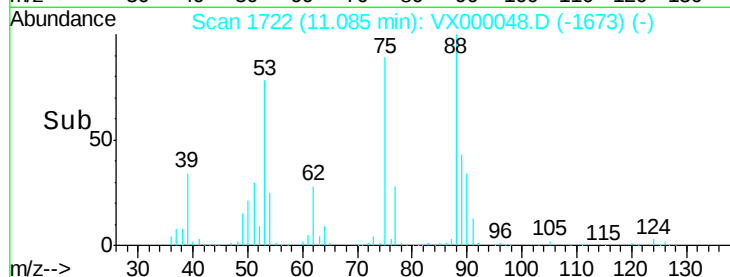
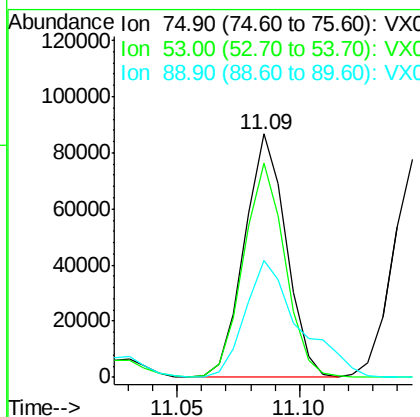
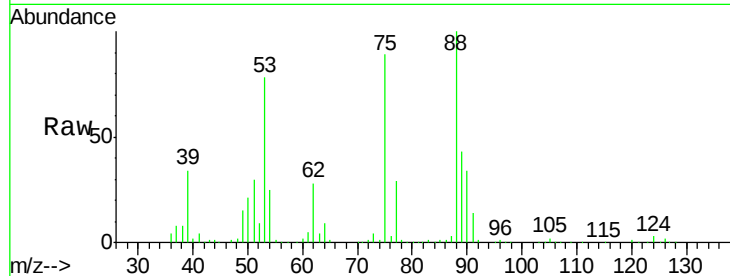
#81
trans-1,4-Dichloro-2-butene
Concen: 119.21 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.9	70.3	105.5
89	62.7	48.6	72.8

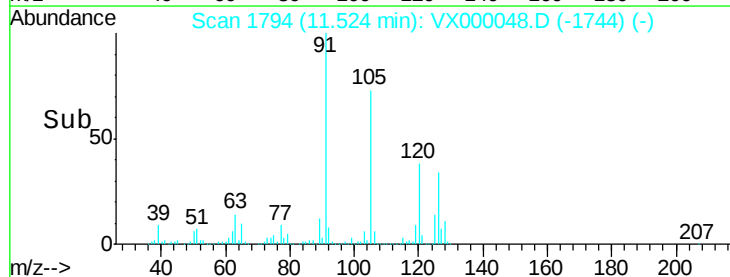
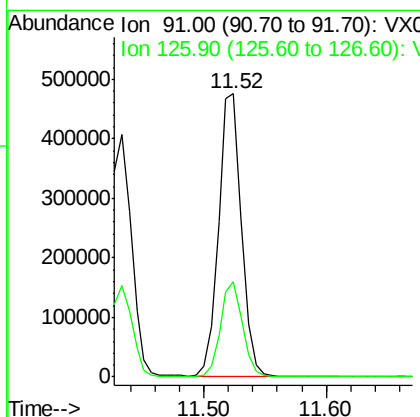
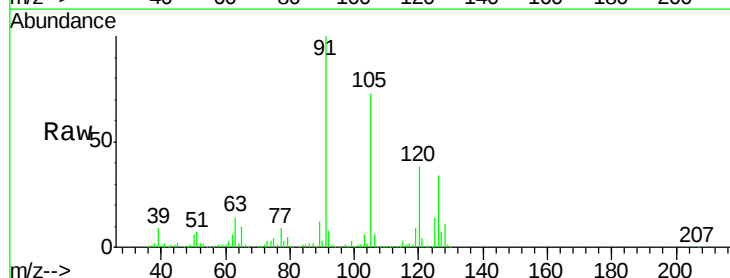
Manual Integrations
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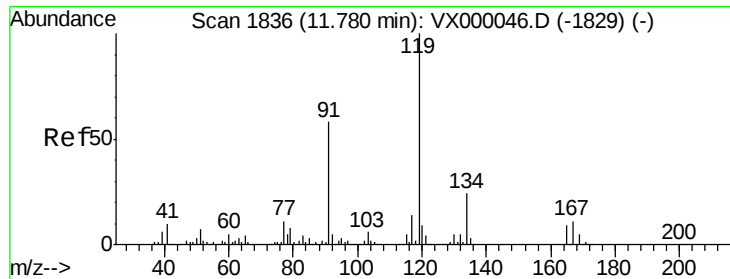
sam
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#82
4-Chlorotoluene
Concen: 101.07 ug/l
RT: 11.52 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.8





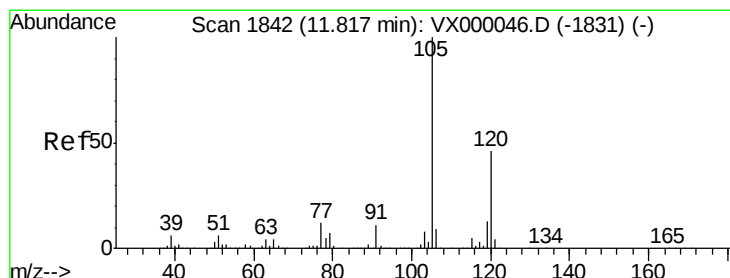
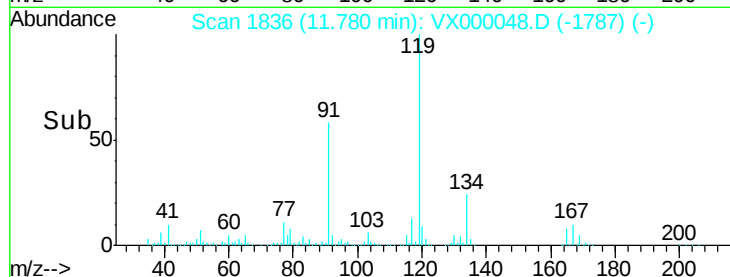
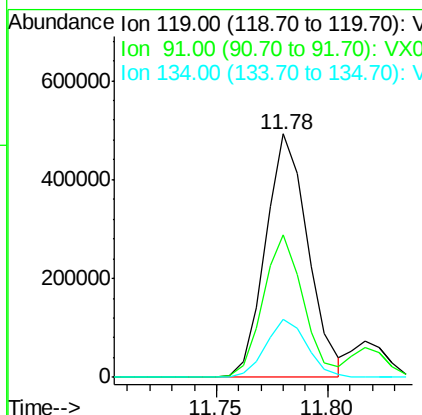
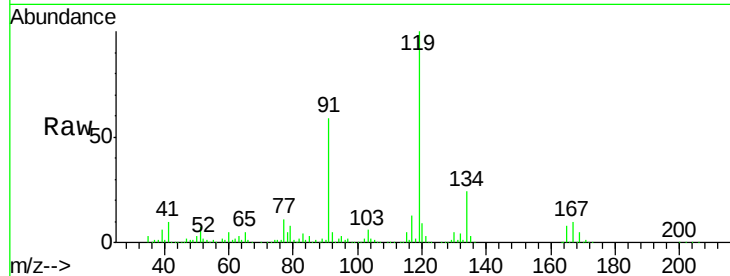
#83
 tert-Butylbenzene
 Concen: 99.96 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.9	83.7
134	23.2	11.7	35.1

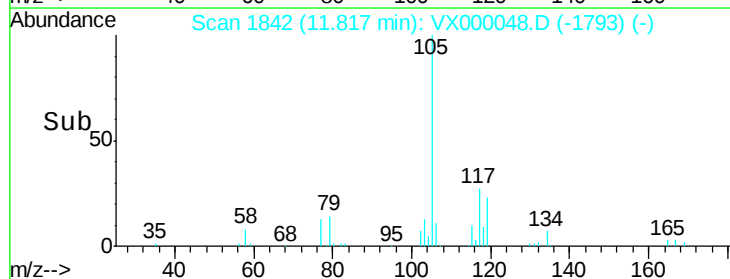
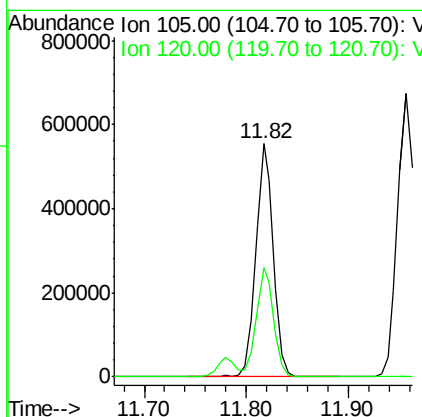
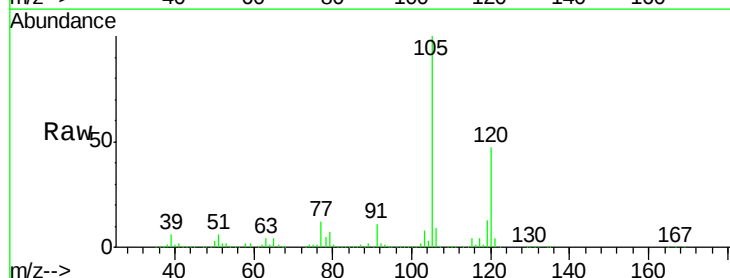
Manual Integrations
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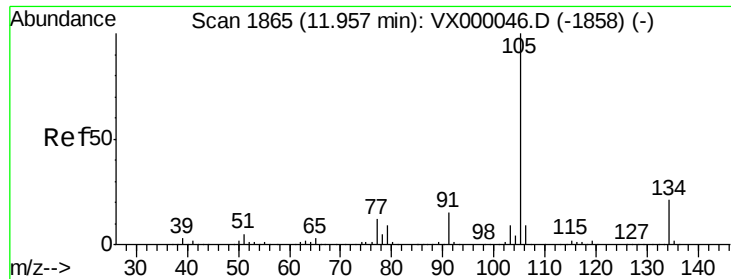
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 100.87 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.2





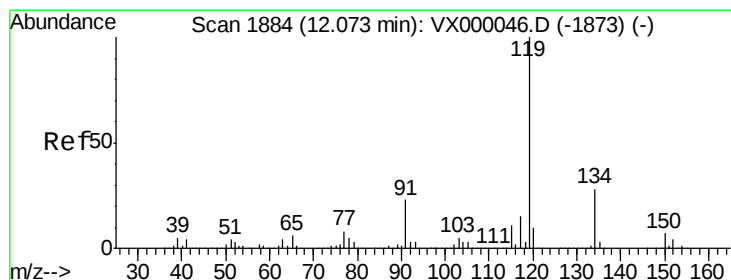
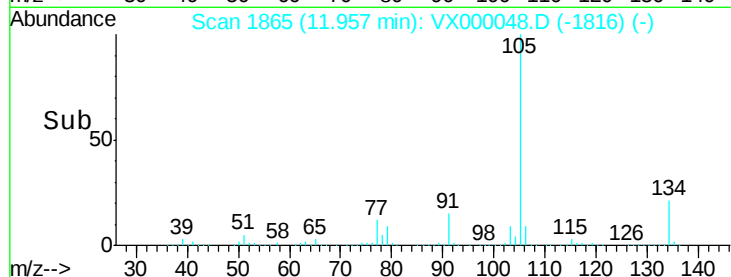
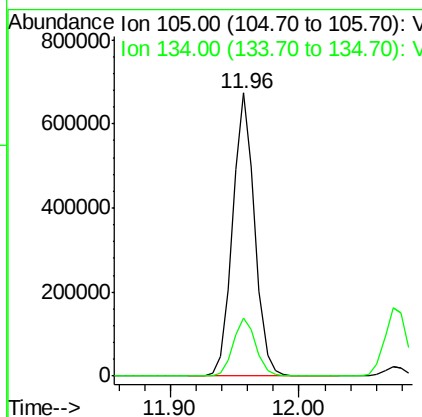
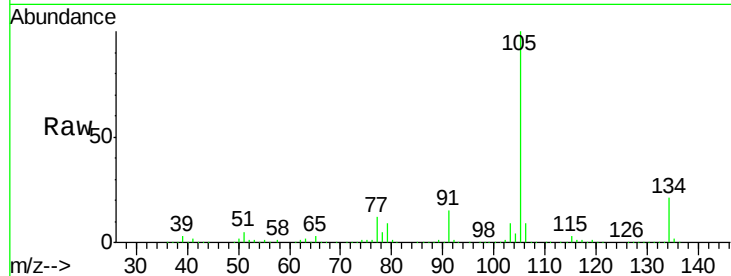
#85
 sec-Butylbenzene
 Concen: 100.33 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 803357
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8

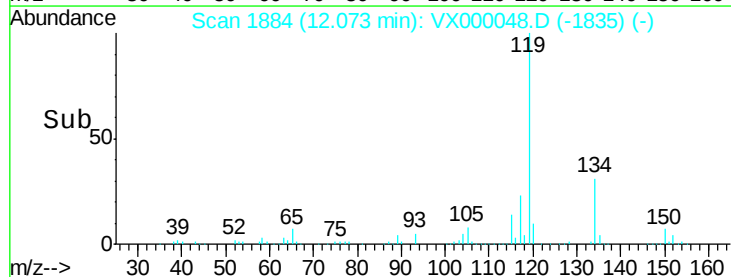
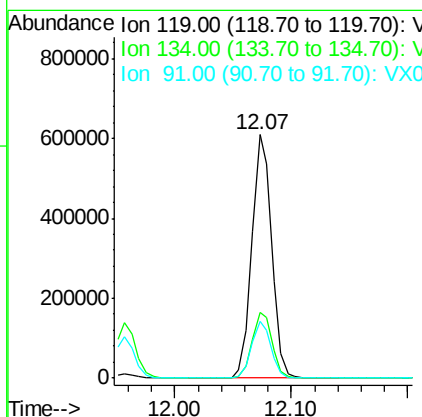
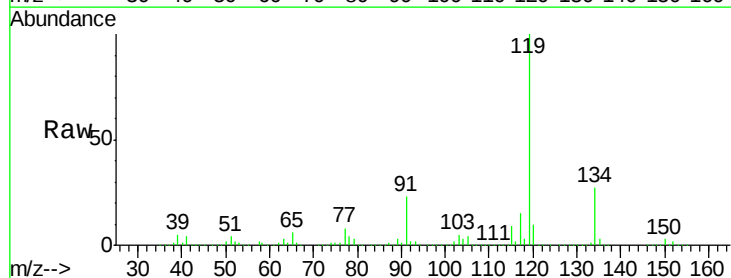
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 100.34 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion:119 Resp: 724085
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.0 41.9
 91 23.0 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 100.09 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

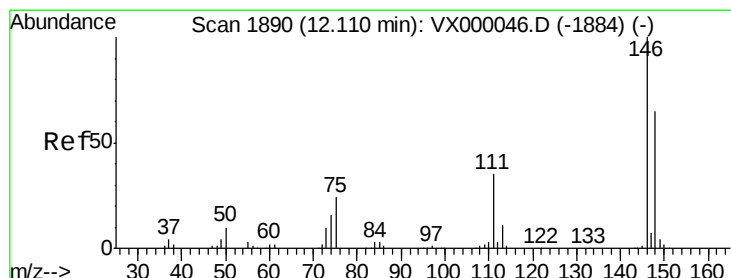
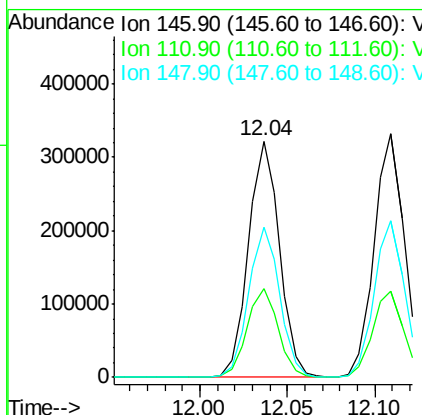
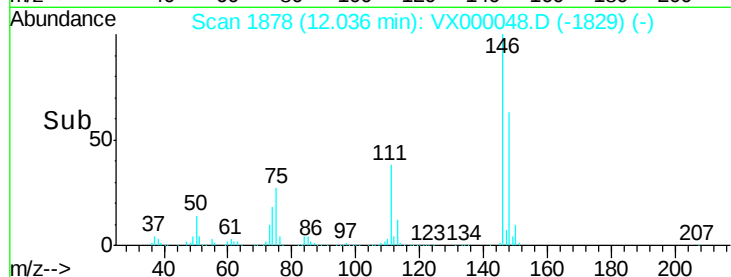
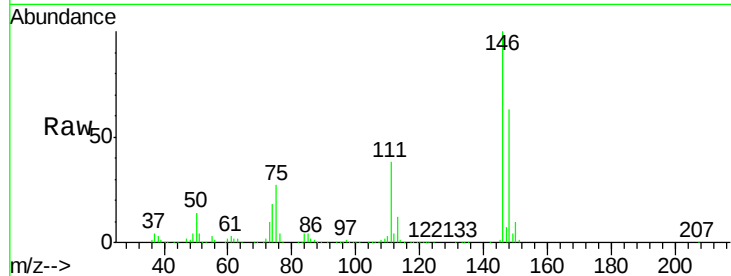
ClientSampled :

VSTDIC100

Tgt Ion:	146	Resp:	396559
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.9
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 99.18 ug/l

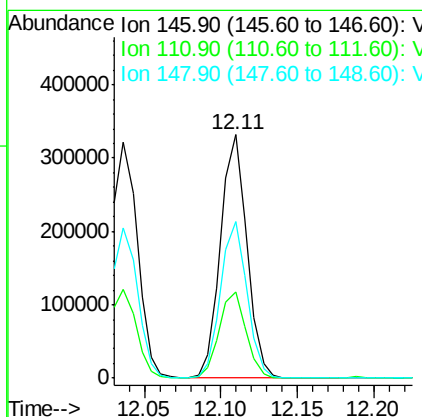
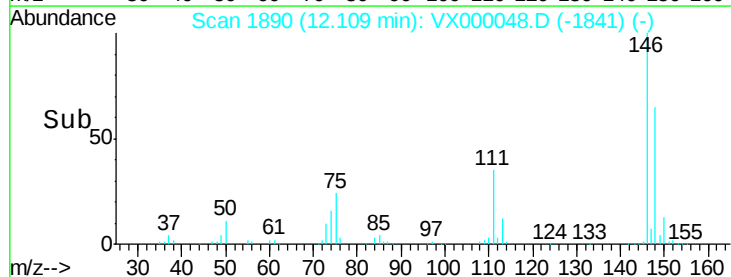
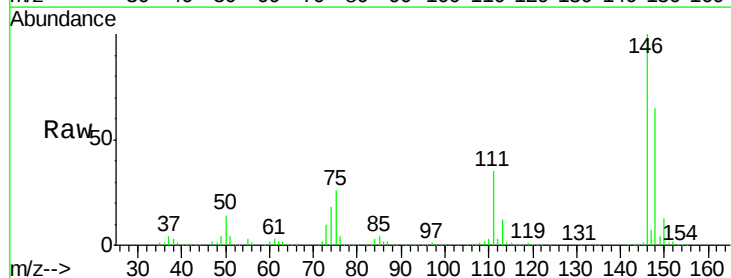
RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	146	Resp:	398846
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	64.5	32.1	96.5





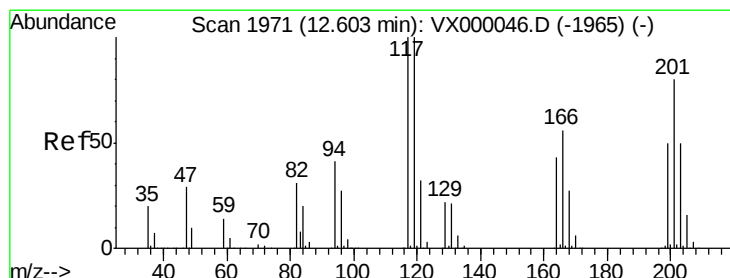
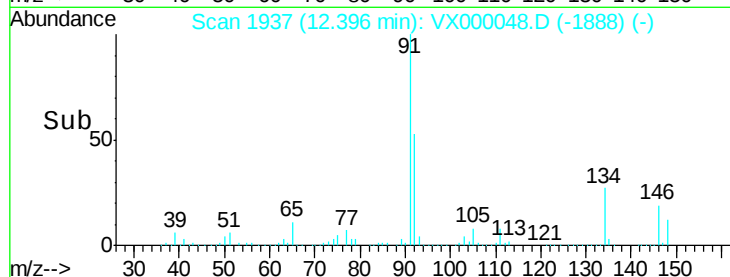
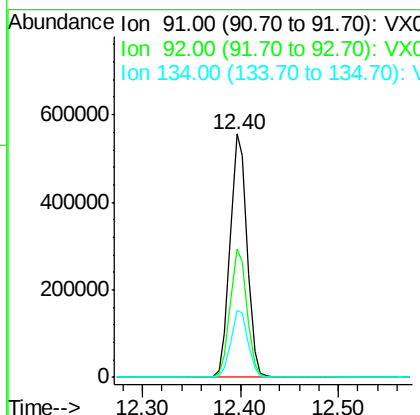
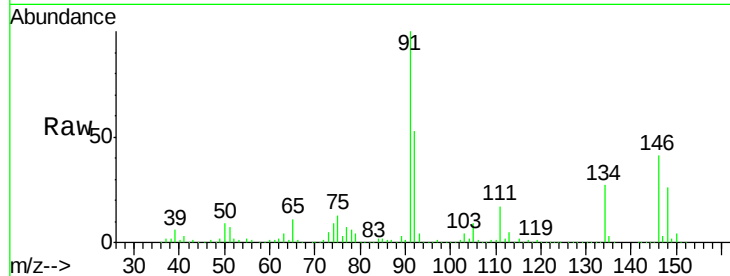
#89
n-Butylbenzene
Concen: 99.17 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Instrument :
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.2
134	27.9	14.1	42.2

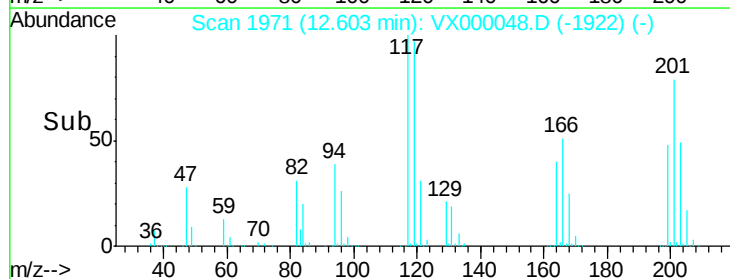
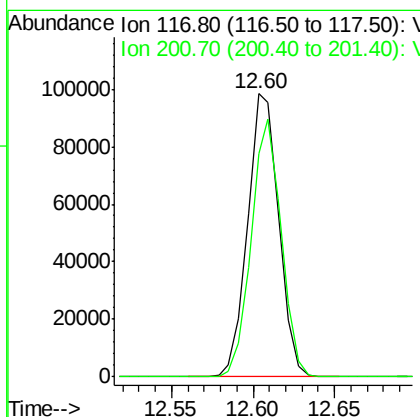
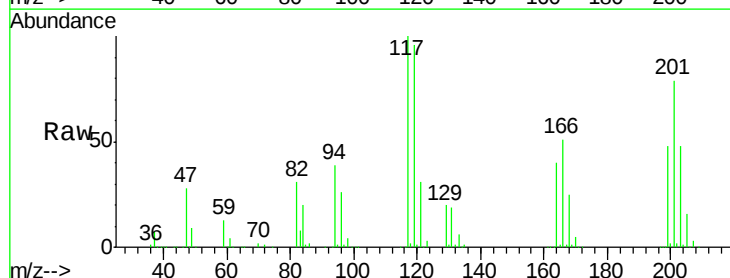
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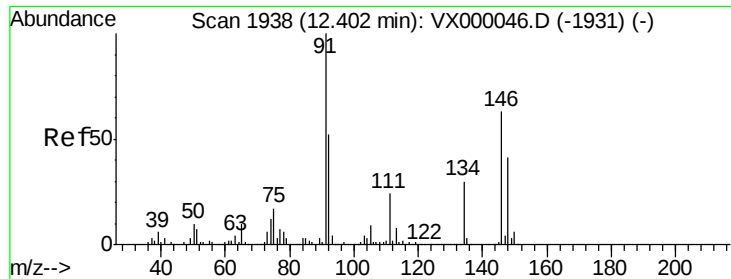
sam
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#90
Hexachloroethane
Concen: 112.62 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000048.D
Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.5	130.7





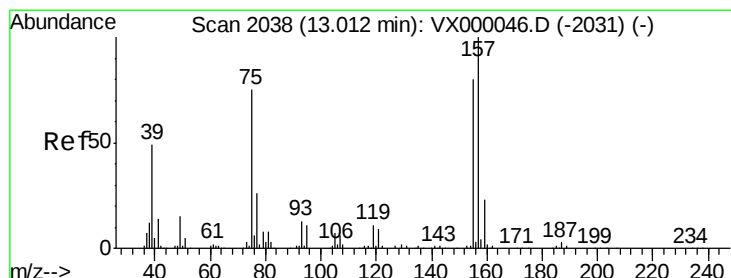
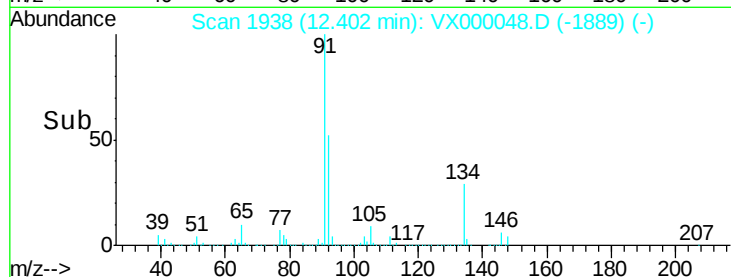
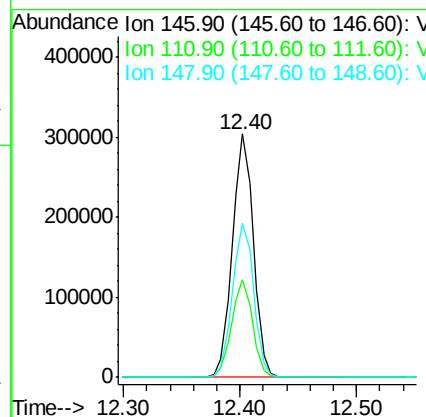
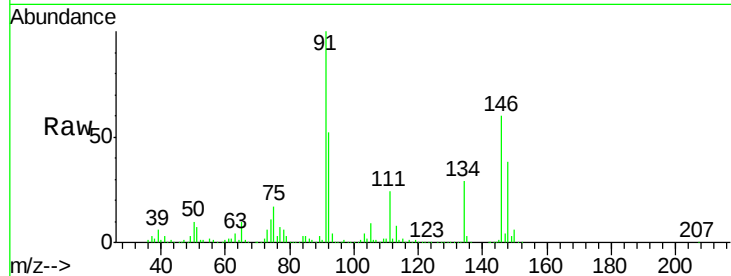
#91
 1,2-Dichlorobenzene
 Concen: 98.83 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	381960		
111	39.6	19.4	58.2	
148	64.2	32.0	96.2	

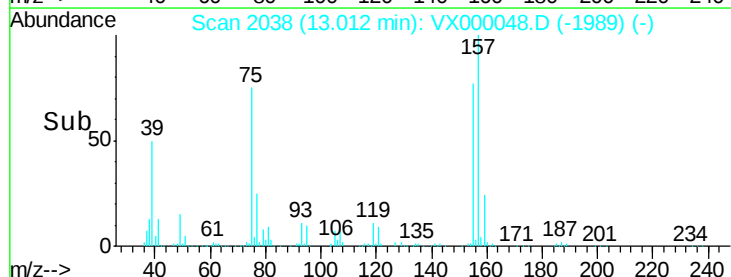
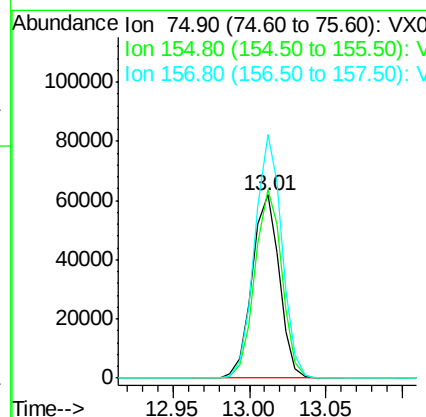
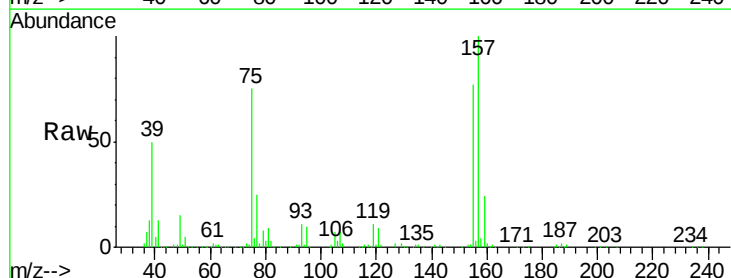
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.39 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76587		
155	102.0	52.0	156.0	
157	131.7	65.3	195.9	





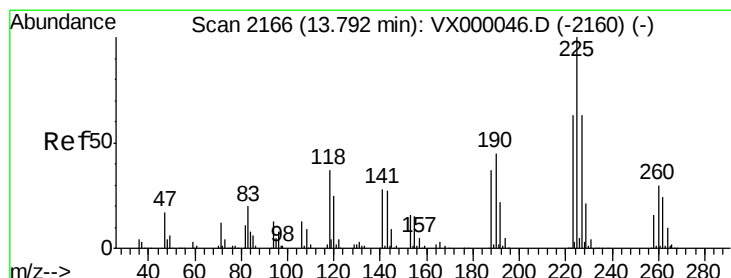
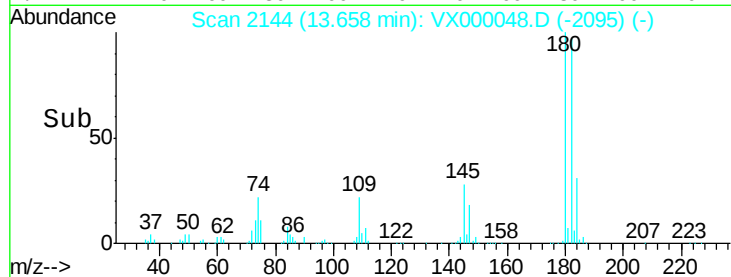
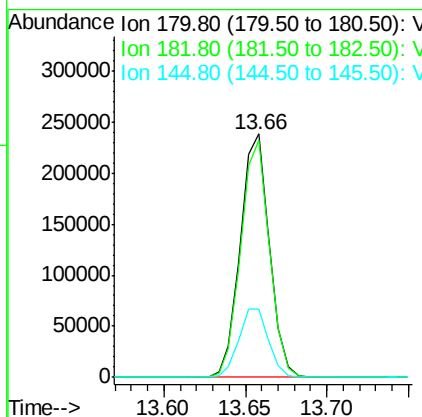
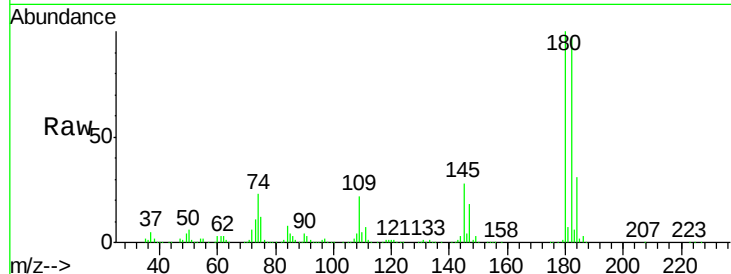
#93
 1,2,4-Trichlorobenzene
 Concen: 99.17 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Instrument :
 ClientSampled :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	295835		
182	96.2	48.0	144.0	
145	28.9	14.7	44.1	

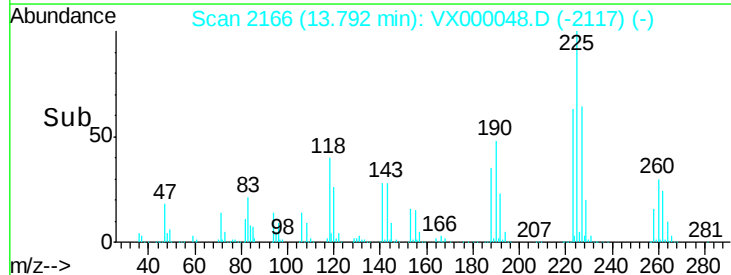
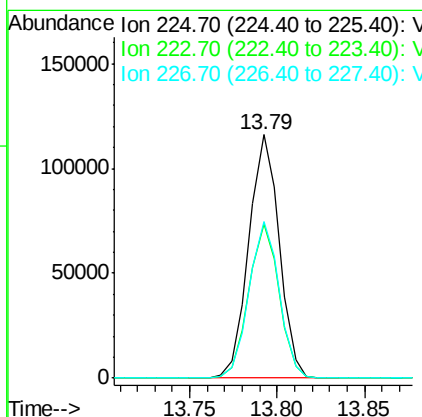
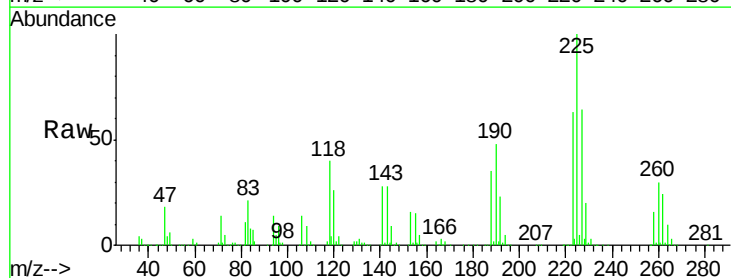
Manual Integrations
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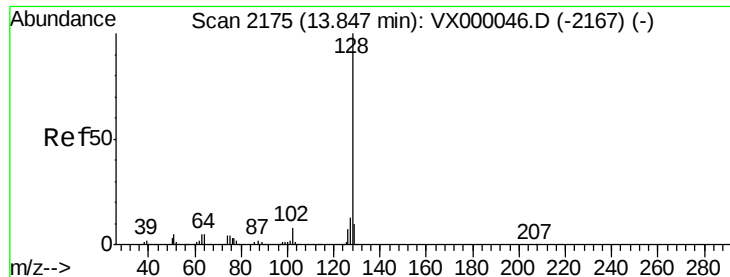
sam
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#94
 Hexachlorobutadiene
 Concen: 102.79 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000048.D
 Acq: 09 Feb 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140377		
223	63.0	31.9	95.5	
227	63.5	31.6	95.0	





#95

Naphthalene

Concen: 97.82 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Instrument :

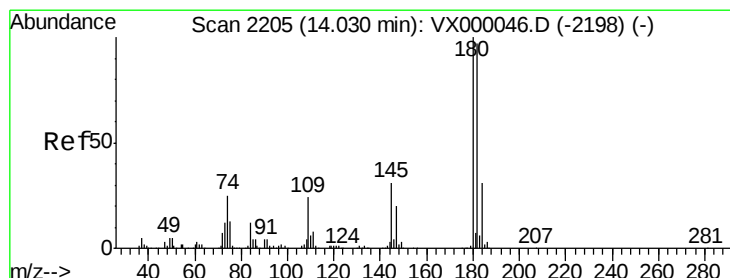
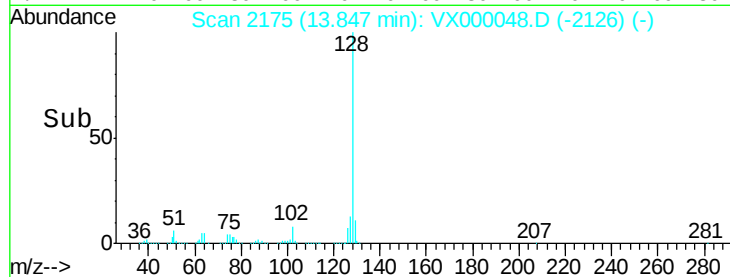
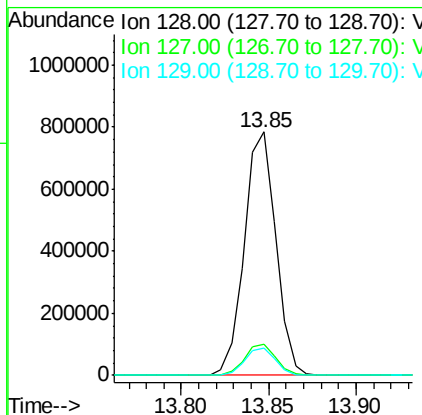
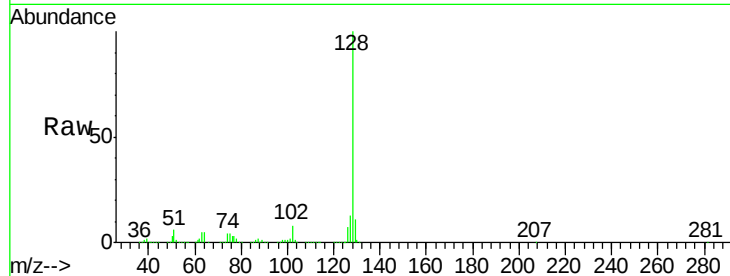
ClientSampled :

VSTDIC100

Tgt Ion:	128	Resp:	980177
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

sam
2/14/2018 5:30:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 99.44 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000048.D

Acq: 09 Feb 2018 17:25

Tgt Ion:	180	Resp:	290570
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	30.8	15.7	47.0

