

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000054.D
 Acq On : 09 Feb 2018 21:11
 Operator : JC/MD
 Sample : VX0209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0209WBS01

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:33 PM

Quant Time: Feb 10 00:35:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	208211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	68319	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	60579	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.73	98	216995	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.15	95	88629	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24078	21.03	ug/l	98
3) Chloromethane	1.33	50	25132	21.56	ug/l	98
4) Vinyl Chloride	1.41	62	29021	22.09	ug/l	99
5) Bromomethane	1.64	94	22347	31.85	ug/l	98
6) Chloroethane	1.73	64	19339	24.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	50047	21.86	ug/l	99
8) Diethyl Ether	2.20	74	17866	21.56	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27596	21.34	ug/l	98
10) Methyl Iodide	2.52	142	24431	16.73	ug/l	99
11) Tert butyl alcohol	3.08	59	54202	102.62	ug/l	100
12) 1,1-Dichloroethene	2.38	96	26516	21.63	ug/l	95
13) Acrolein	2.30	56	25738	94.94	ug/l	98
14) Allyl chloride	2.73	41	44605	20.89	ug/l	99
15) Acrylonitrile	3.16	53	96940	105.35	ug/l	100
16) Acetone	2.45	43	82475	105.54	ug/l	98
17) Carbon Disulfide	2.57	76	75060	21.02	ug/l	99
18) Methyl Acetate	2.79	43	43596	22.12	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	91501	21.81	ug/l	99
20) Methylene Chloride	2.87	84	28450	21.74	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	28461	21.57	ug/l	98
22) Diisopropyl ether	3.89	45	71577	20.30	ug/l	97
23) Vinyl Acetate	3.84	43	337127	105.74	ug/l	99
24) 1,1-Dichloroethane	3.71	63	46991	21.43	ug/l	98
25) 2-Butanone	4.73	43	127022	107.70	ug/l	98
26) 2,2-Dichloropropane	4.60	77	38481	20.48	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	27868	21.55	ug/l	99
28) Bromochloromethane	5.03	49	14273	19.64	ug/l	95
29) Tetrahydrofuran	5.19	42	84242	104.24	ug/l	100
30) Chloroform	5.23	83	48134	21.78	ug/l	98
31) Cyclohexane	5.59	56	38285	21.26	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	44356	21.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	35694	19.69	ug/l	99
37) Ethyl Acetate	4.88	43	46146	19.71	ug/l	99
38) Carbon Tetrachloride	5.79	117	40104	19.70	ug/l	98

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Quant Time: Feb 10 00:35:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	43750	19.88	ug/l	97
40) Benzene	6.16	78	103233	20.15	ug/l	100
41) Methacrylonitrile	5.07	41	23871	19.85	ug/l	98
42) 1,2-Dichloroethane	6.21	62	38176	20.86	ug/l	100
43) Isopropyl Acetate	6.48	43	69894	19.80	ug/l	99
44) Trichloroethene	7.23	130	31564	19.91	ug/l	92
45) 1,2-Dichloropropane	7.52	63	25723	20.65	ug/l	96
46) Dibromomethane	7.68	93	20075	20.88	ug/l	96
47) Bromodichloromethane	7.91	83	37602	20.11	ug/l	99
48) Methyl methacrylate	7.79	41	34396	19.85	ug/l	98
49) 1,4-Dioxane	7.77	88	17618	381.77	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	250608	101.90	ug/l	97
52) Toluene	8.79	92	70247	20.41	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43629	19.95	ug/l	98
54) cis-1,3-Dichloropropene	9.06	75	42834	20.15	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	29336	20.33	ug/l	97
56) Ethyl methacrylate	9.20	69	45374	20.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	46456	20.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	108878	99.56	ug/l	99
59) 2-Hexanone	9.51	43	204256	102.11	ug/l	98
60) Dibromochloromethane	9.59	129	33113	19.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32363	20.36	ug/l	97
64) Tetrachloroethene	9.35	164	29103	19.59	ug/l	99
65) Chlorobenzene	10.15	112	83124	20.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	30573	20.50	ug/l	99
67) Ethyl Benzene	10.26	91	137426	19.99	ug/l	99
68) m/p-Xylenes	10.37	106	109428	39.96	ug/l	100
69) o-Xylene	10.71	106	54152	20.49	ug/l	97
70) Styrene	10.72	104	87288	19.55	ug/l	99
71) Bromoform	10.87	173	27259	19.32	ug/l #	98
73) Isopropylbenzene	11.03	105	141814	19.88	ug/l	100
74) N-amyl acetate	6.48	43	69894	19.58	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	49062	20.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	44302m	20.92	ug/l	
77) Bromobenzene	11.26	156	37739	19.50	ug/l	96
78) n-propylbenzene	11.37	91	163931	19.82	ug/l	100
79) 2-Chlorotoluene	11.43	91	94974	19.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	118251	19.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	15972	18.66	ug/l	91
82) 4-Chlorotoluene	11.52	91	113247	19.82	ug/l	100
83) tert-Butylbenzene	11.78	119	120772	20.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	122353	20.00	ug/l	100
85) sec-Butylbenzene	11.96	105	148212	19.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	132242	19.79	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	72602	19.91	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	73785	19.77	ug/l	99
89) n-Butylbenzene	12.40	91	120878	19.37	ug/l	99
90) Hexachloroethane	12.60	117	22293	19.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	70808	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13866	19.95	ug/l	92

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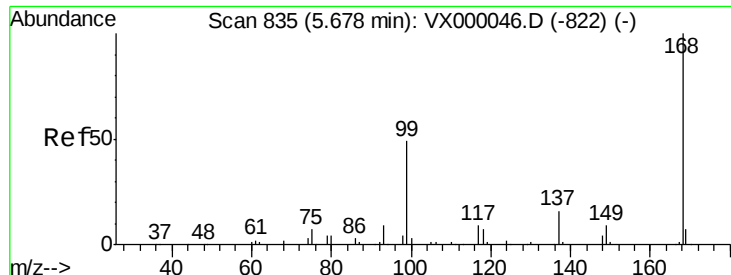
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	52819	19.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	24458	19.00	ug/l	99
95) Naphthalene	13.85	128	180308	20.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	51981	19.57	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: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion:168 Resp: 126333

Ion Ratio Lower Upper

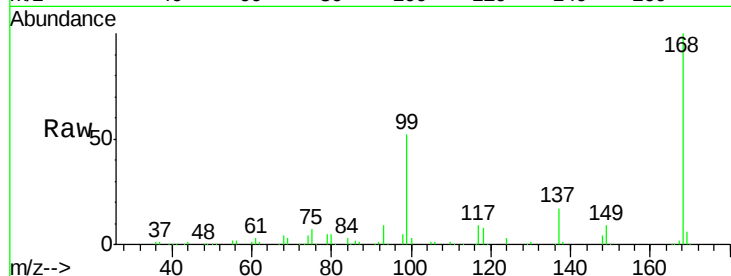
168 100

99 51.7 39.4 59.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

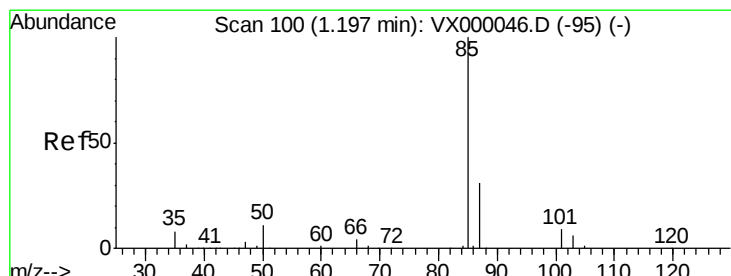
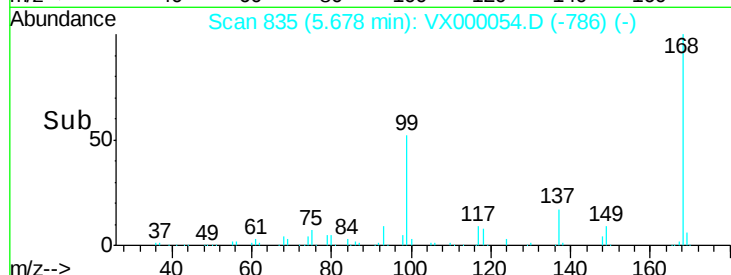
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000054.D

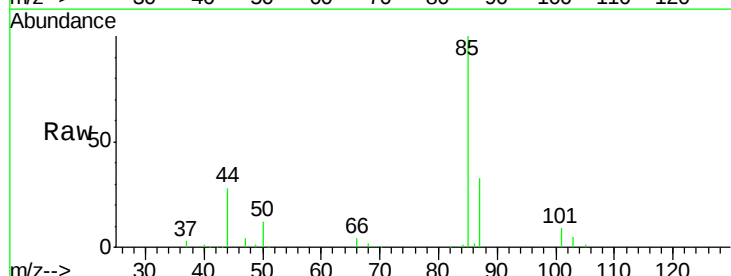
Acq: 09 Feb 2018 21:11

Tgt Ion: 85 Resp: 24078

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

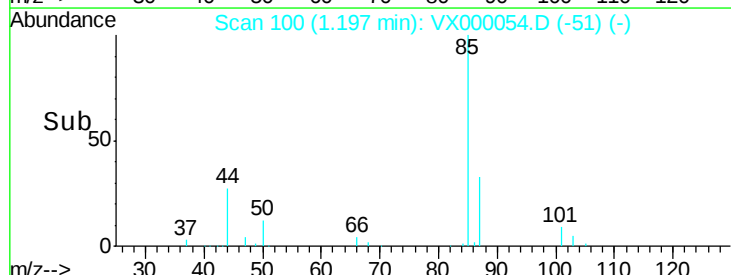
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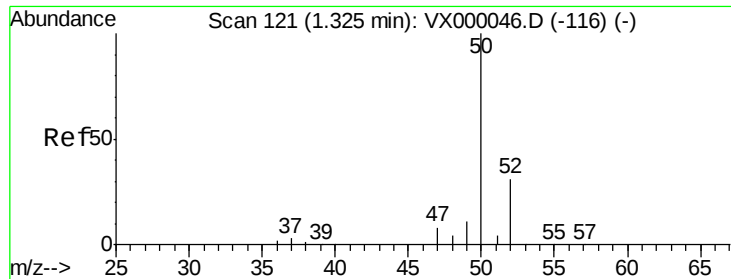
5000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.56 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

VX0209WBS01

Tgt Ion: 50 Resp: 25132

Ion Ratio Lower Upper

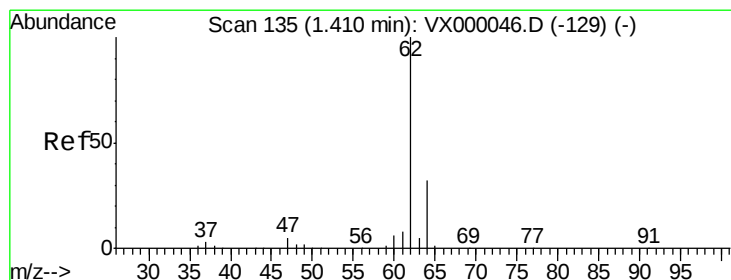
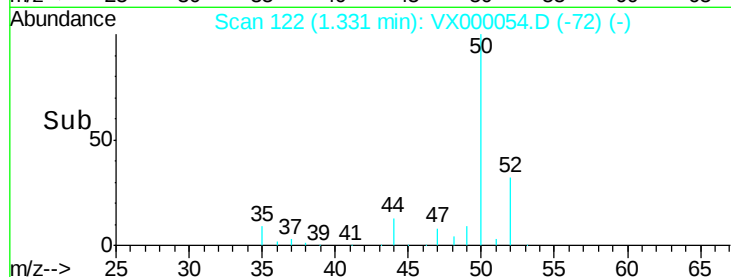
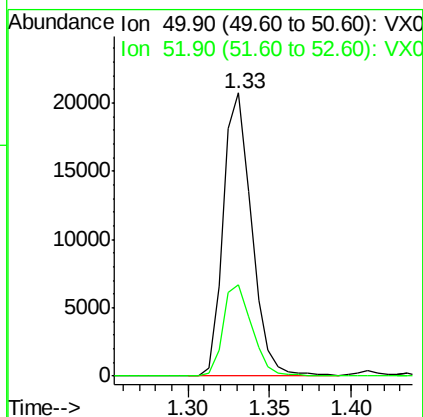
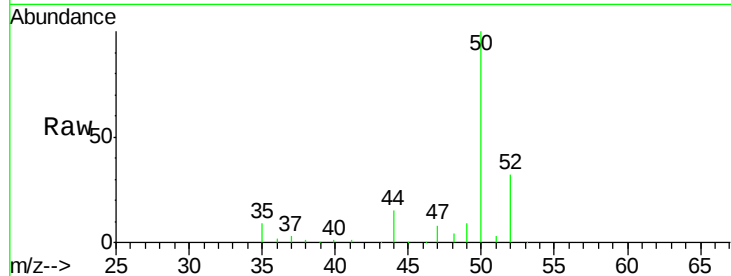
50 100

52 32.3 25.0 37.6

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#4

Vinyl Chloride

Concen: 22.09 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000054.D

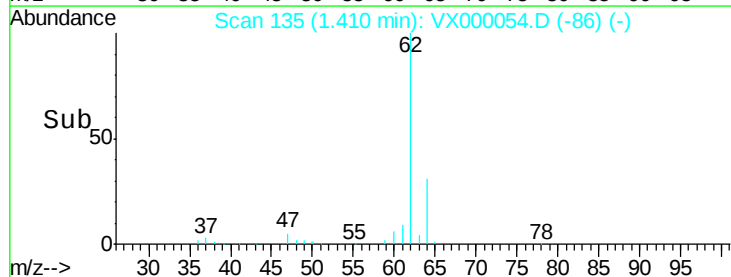
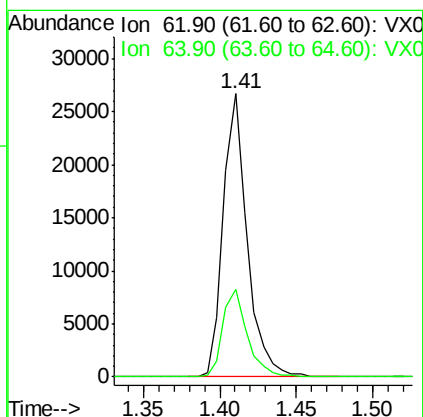
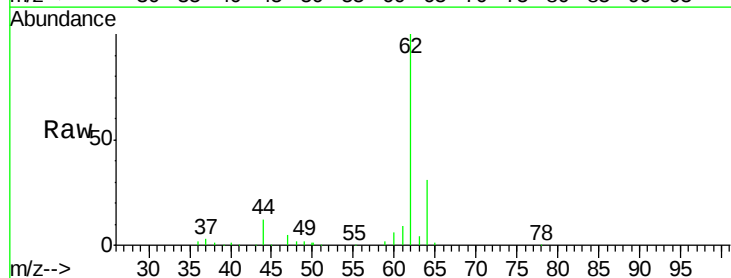
Acq: 09 Feb 2018 21:11

Tgt Ion: 62 Resp: 29021

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.0





#5

Bromomethane

Concen: 31.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

VX0209WBS01

Tgt Ion: 94 Resp: 22347

Ion Ratio Lower Upper

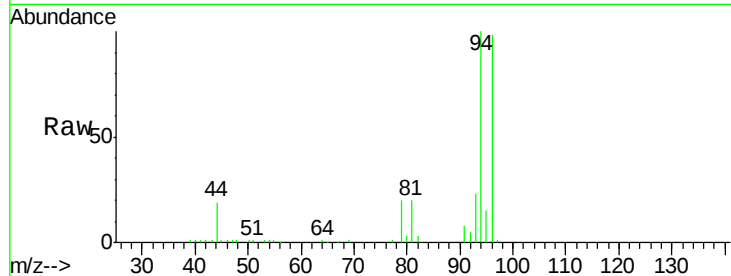
94 100

96 98.2 76.7 115.1

Manual Integrations
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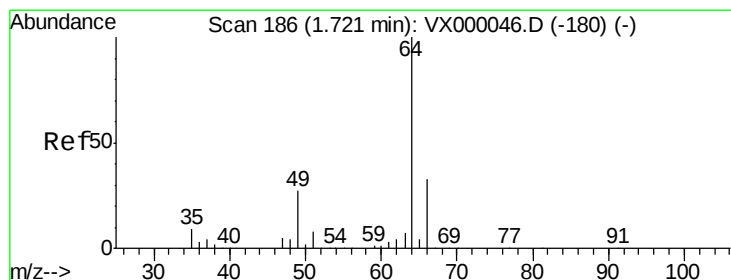
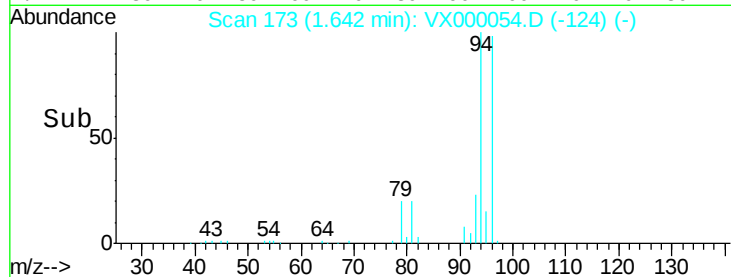
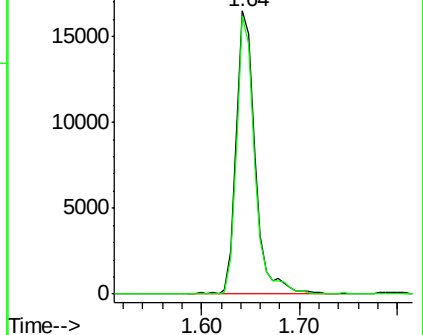
sam

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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: 24.49 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000054.D

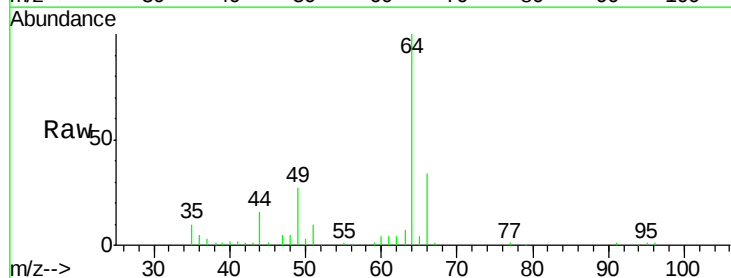
Acq: 09 Feb 2018 21:11

Tgt Ion: 64 Resp: 19339

Ion Ratio Lower Upper

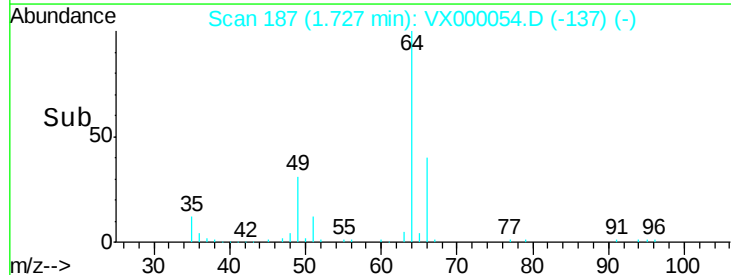
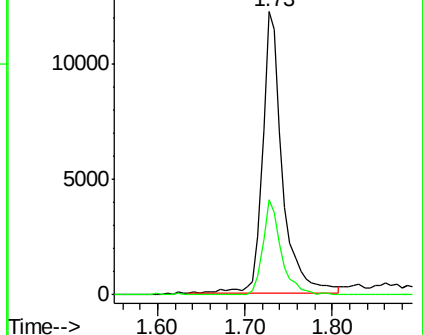
64 100

66 33.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

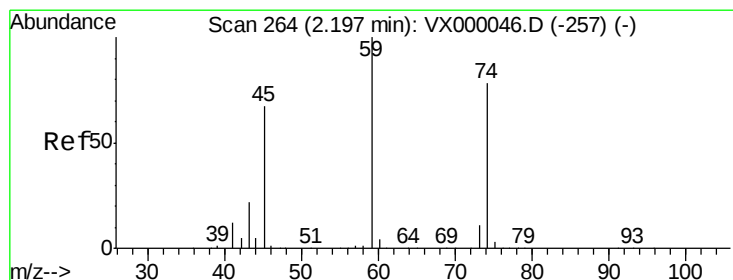
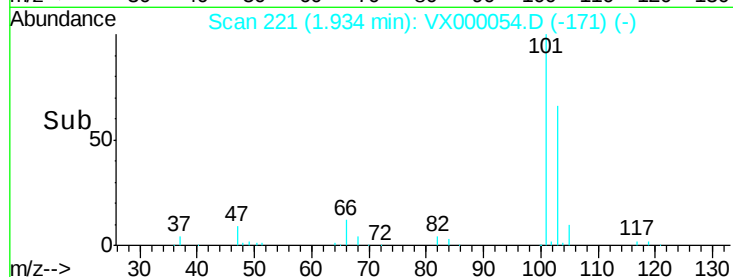
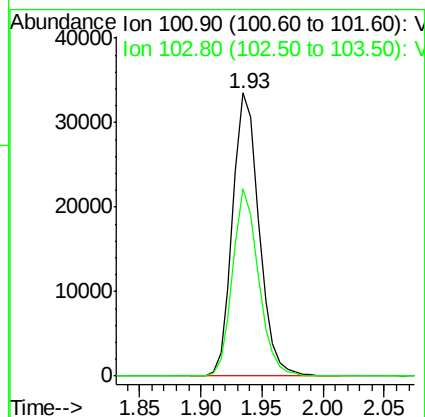
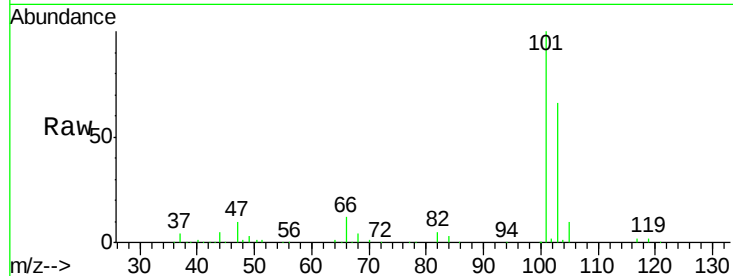
Trichlorofluoromethane
Concen: 21.86 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

Tgt Ion: 101 Resp: 50047
Ion Ratio Lower Upper
101 100
103 66.1 52.3 78.5

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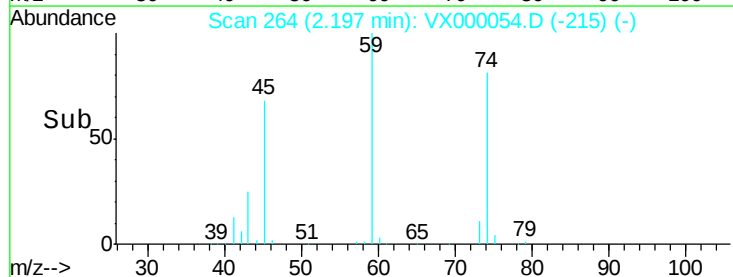
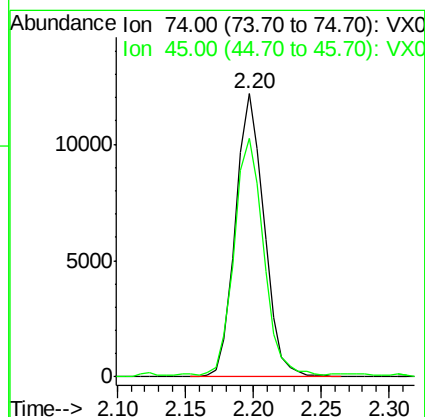
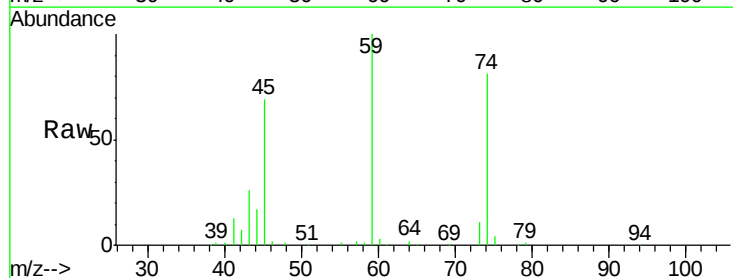
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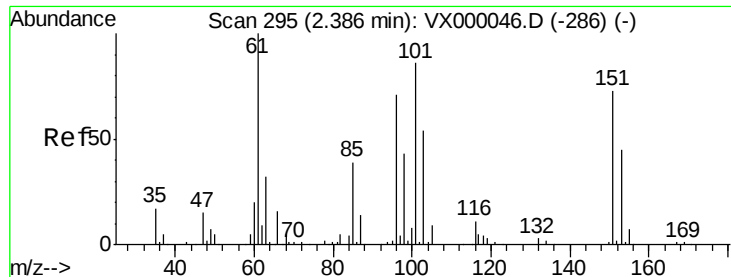


#8

Diethyl Ether
Concen: 21.56 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion: 74 Resp: 17866
Ion Ratio Lower Upper
74 100
45 85.7 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.34 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

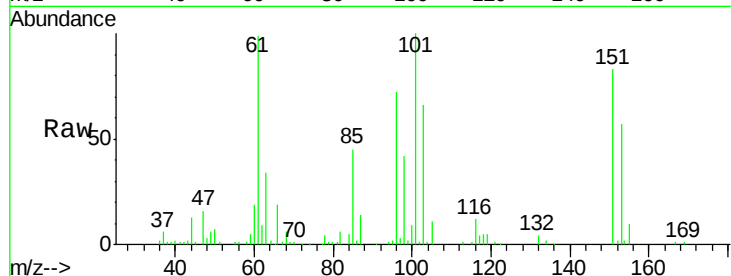
Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

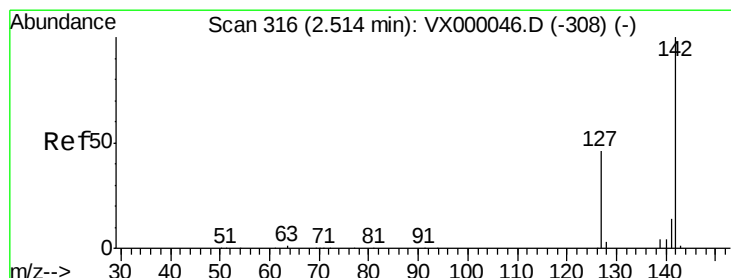
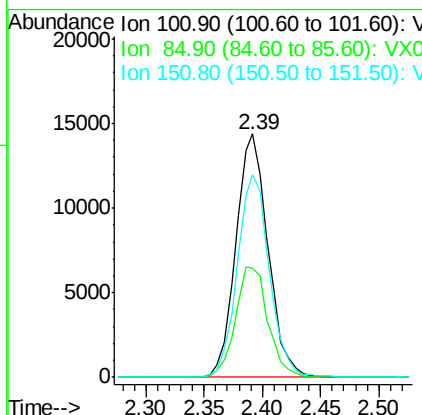
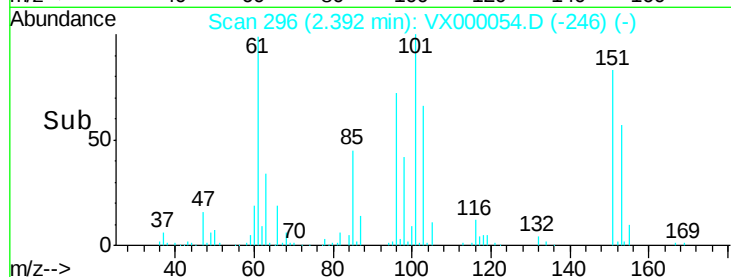
VX0209WBS01



Tgt Ion:	101	Resp:	27596
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.6	54.8
151	83.5	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

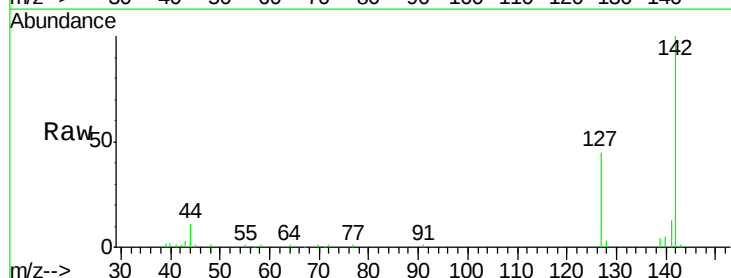
Concen: 16.73 ug/l

RT: 2.52 min Scan# 317

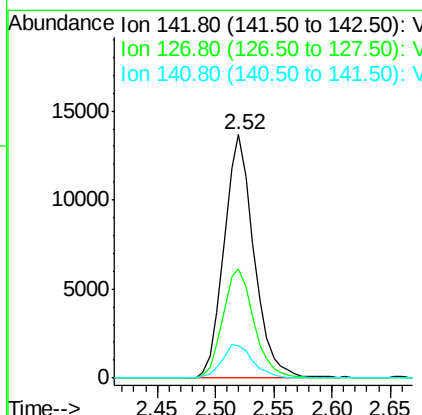
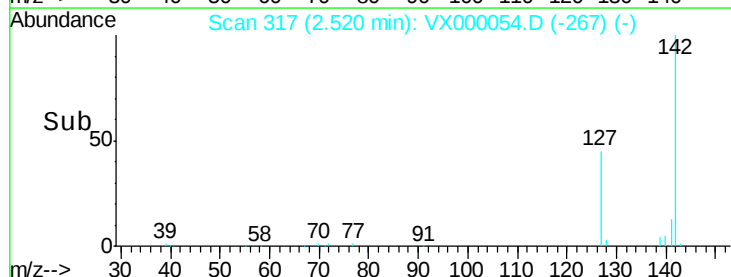
Delta R.T. 0.01 min

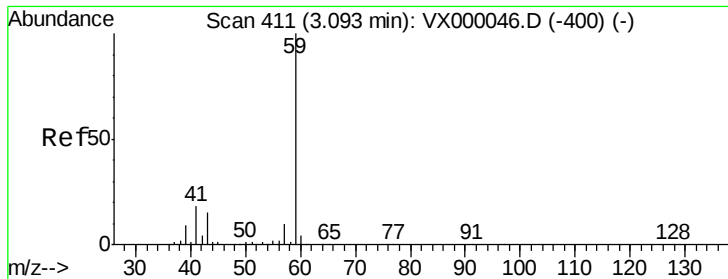
Lab File: VX000054.D

Acq: 09 Feb 2018 21:11



Tgt Ion:	142	Resp:	24431
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.8	55.2
141	14.2	11.4	17.0





#11

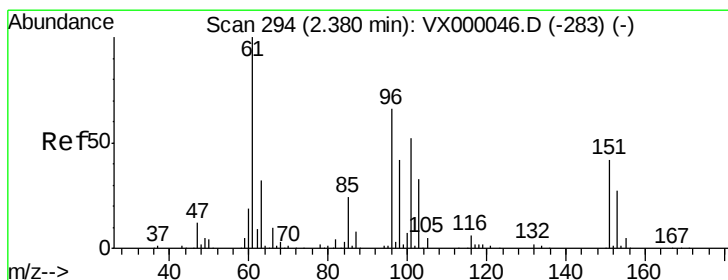
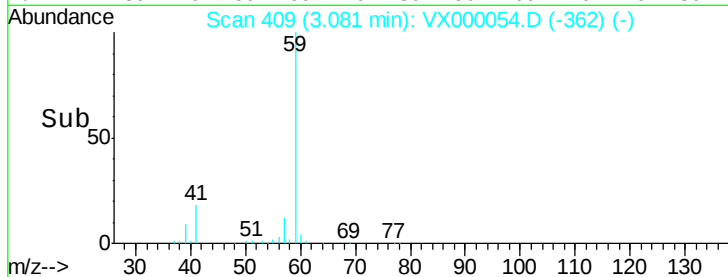
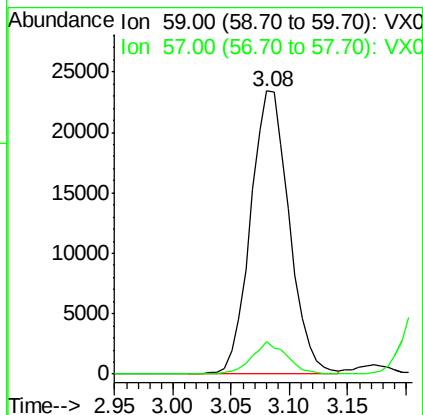
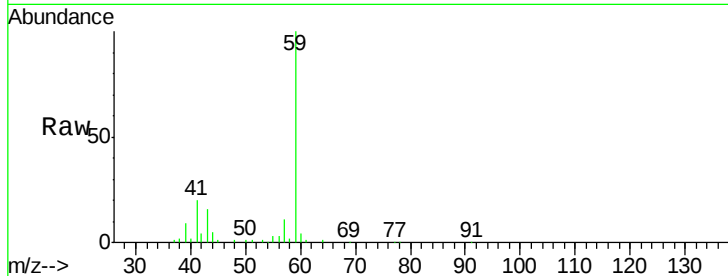
Tert butyl alcohol
 Concen: 102.62 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampleId :
 VX0209WBS01

Tgt Ion: 59 Resp: 54202
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

Manual Integrations
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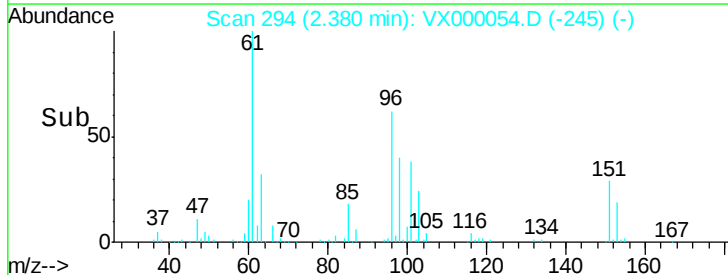
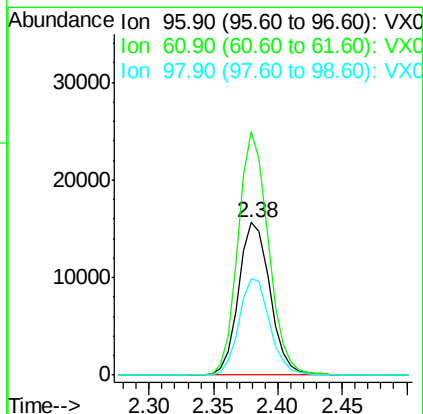
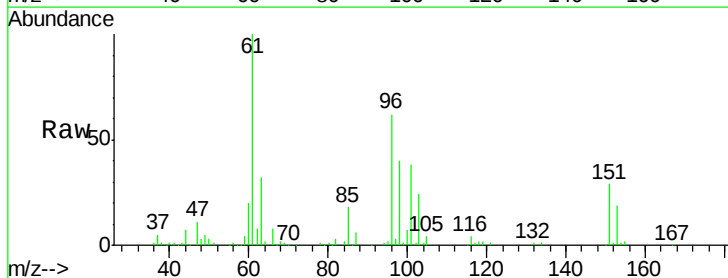
sam
 2/14/2018 5:30:33 PM

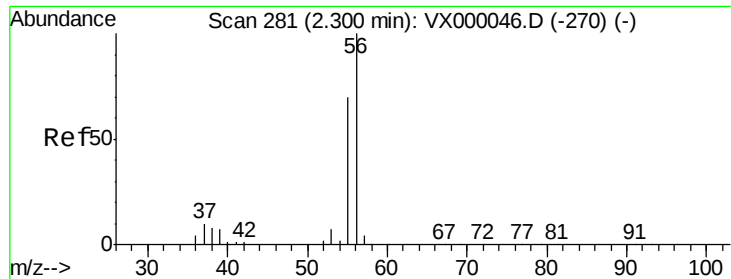


#12

1,1-Dichloroethene
 Concen: 21.63 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion: 96 Resp: 26516
 Ion Ratio Lower Upper
 96 100
 61 160.0 120.3 180.5
 98 63.8 51.0 76.4





#13

Acrolein

Concen: 94.94 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 56 Resp: 25738

Ion Ratio Lower Upper

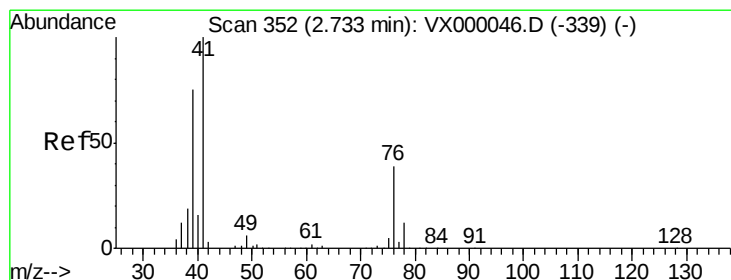
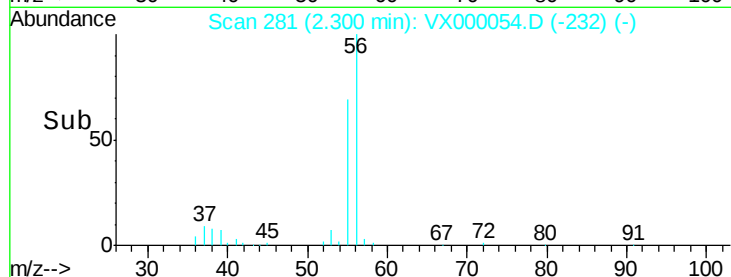
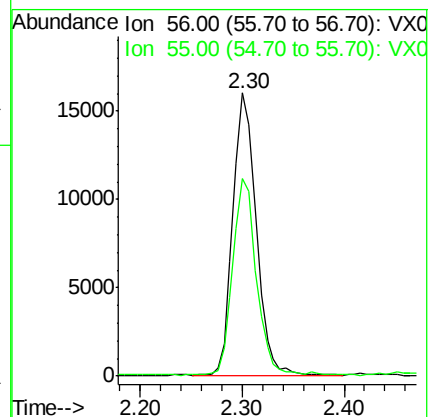
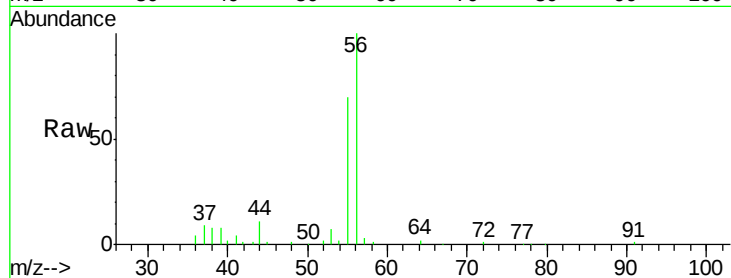
56 100

55 68.5 56.4 84.6

Manual Integrations
APPROVED

sam

2/14/2018 5:30:33 PM



#14

Allyl chloride

Concen: 20.89 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

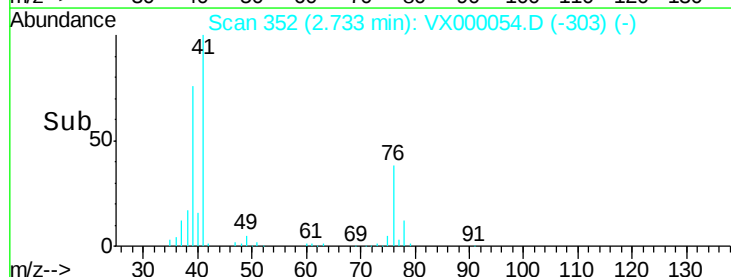
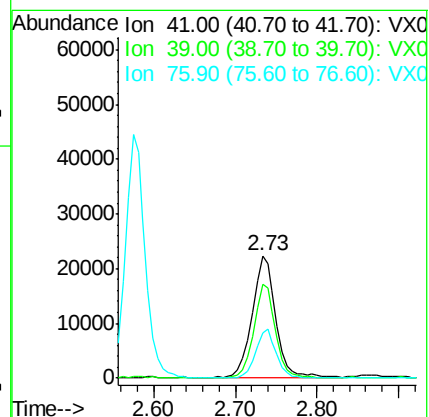
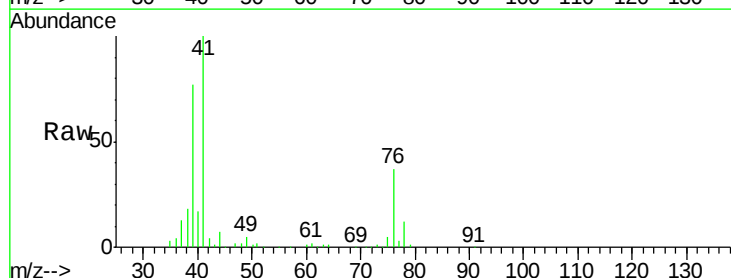
Tgt Ion: 41 Resp: 44605

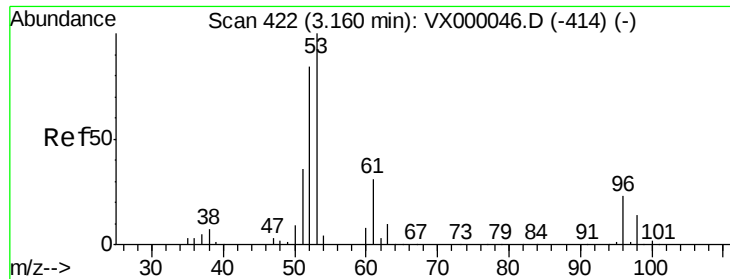
Ion Ratio Lower Upper

41 100

39 70.9 55.8 83.6

76 35.2 28.7 43.1





#15

Acrylonitrile

Concen: 105.35 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

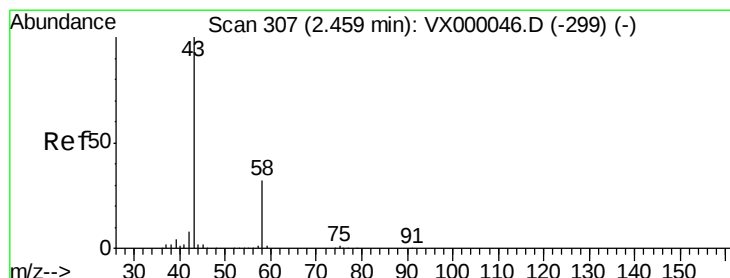
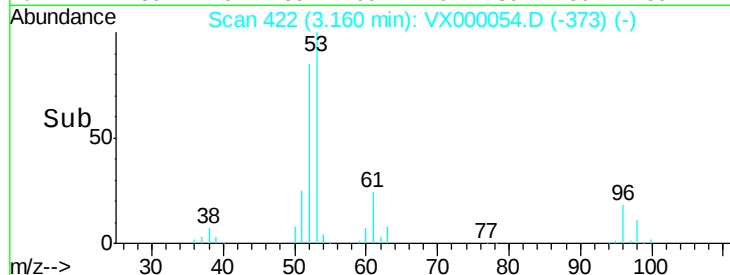
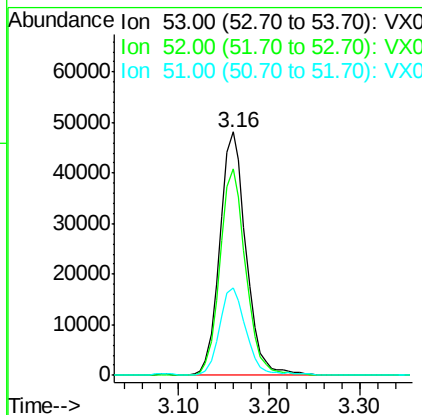
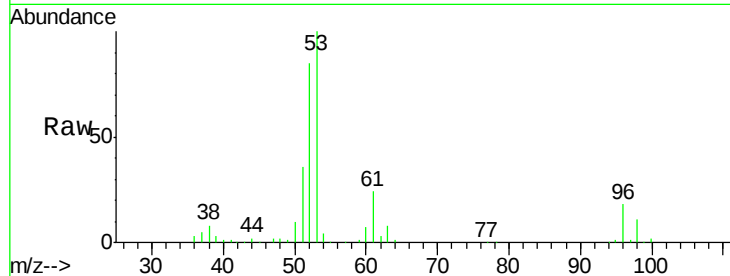
ClientSampleId :

VX0209WBS01

Tgt Ion:	53	Resp:	96940
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.4	29.1	43.7

Manual Integrations
APPROVED

sam
2/14/2018 5:30:33 PM



#16

Acetone

Concen: 105.54 ug/l

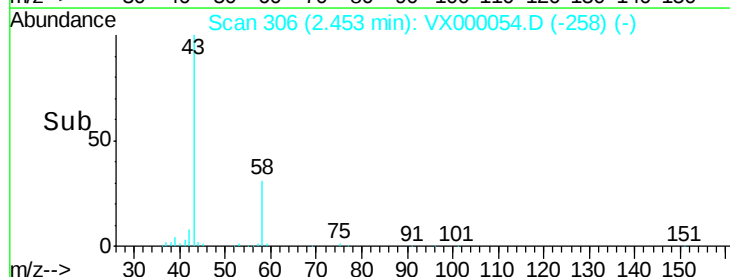
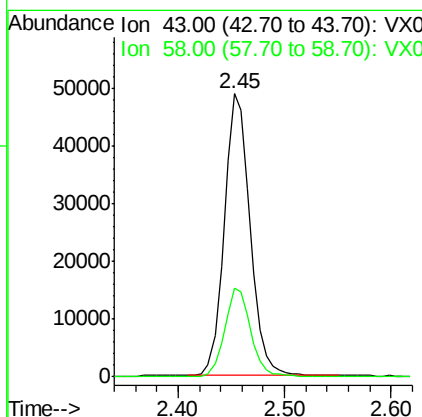
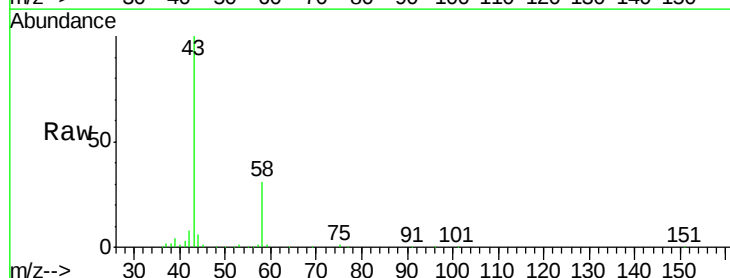
RT: 2.45 min Scan# 306

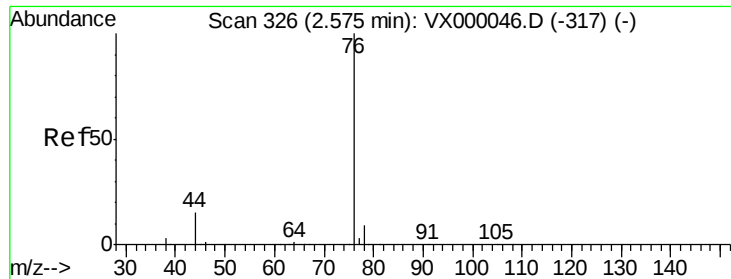
Delta R.T. -0.01 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	43	Resp:	82475
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.9	38.9





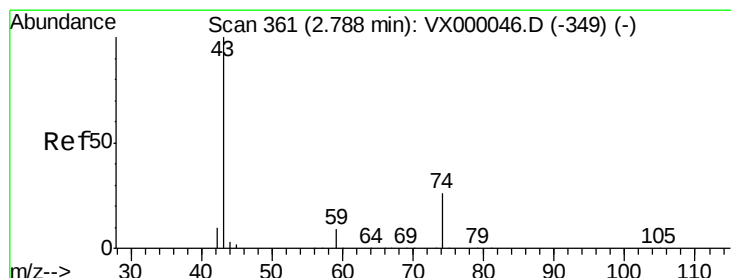
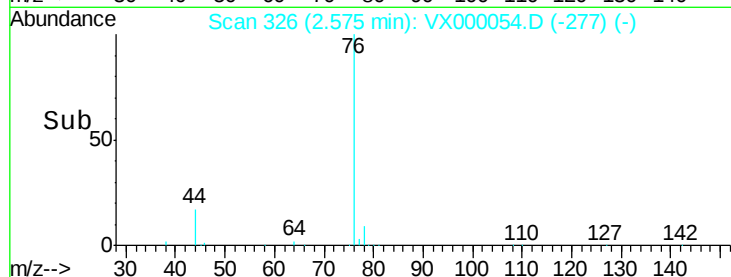
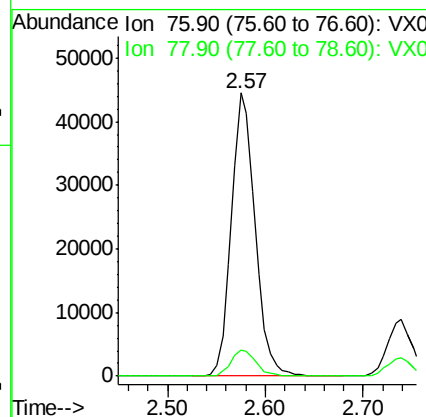
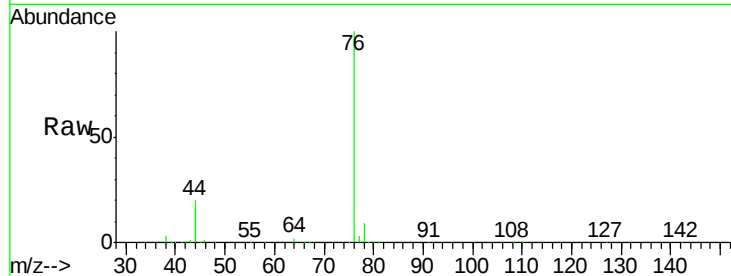
#17
Carbon Disulfide
Concen: 21.02 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

Tgt Ion: 76 Resp: 75060
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

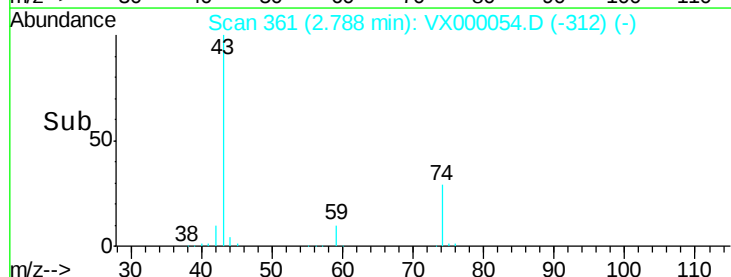
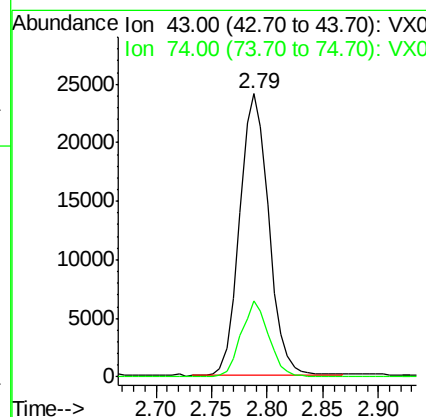
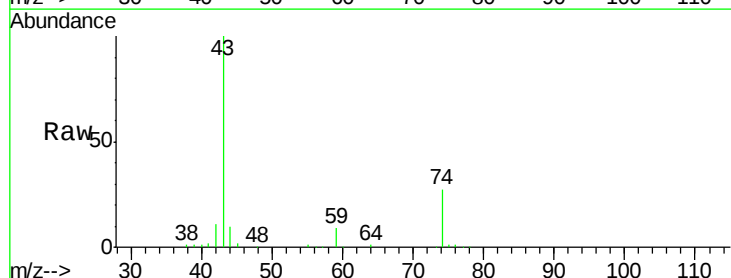
Manual Integrations
APPROVED

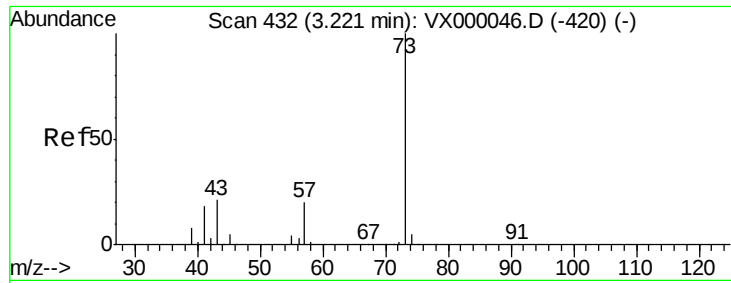
sam
2/14/2018 5:30:33 PM



#18
Methyl Acetate
Concen: 22.12 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion: 43 Resp: 43596
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.4





#19

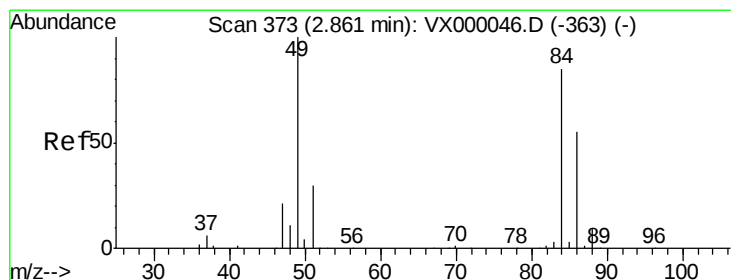
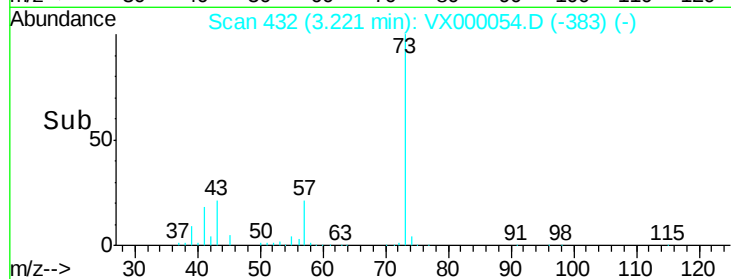
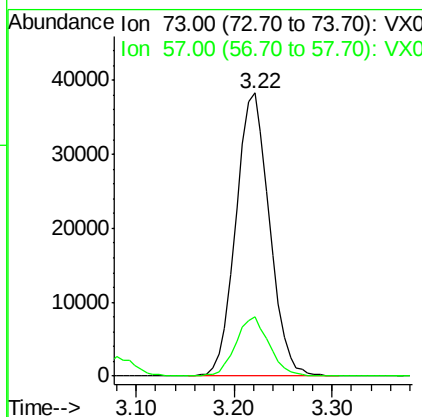
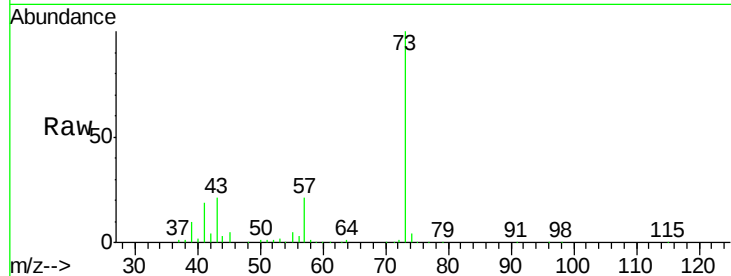
Methyl tert-butyl Ether
Concen: 21.81 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion: 73 Resp: 91501
Ion Ratio Lower Upper
73 100
57 20.9 16.2 24.4

Manual Integrations
APPROVED

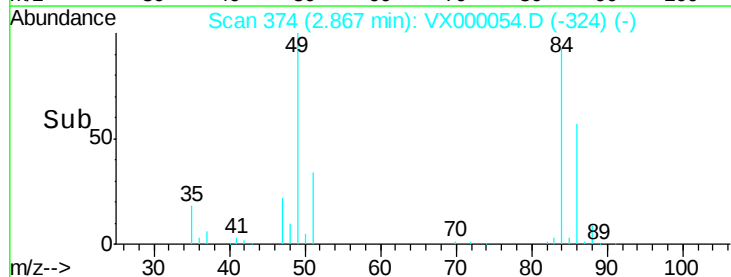
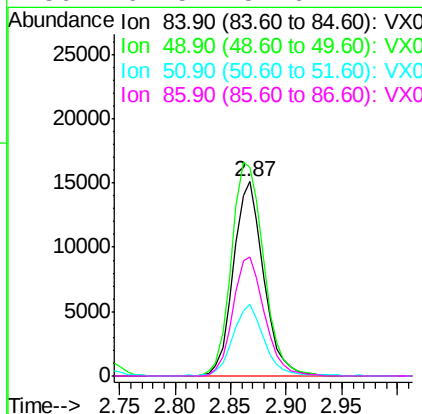
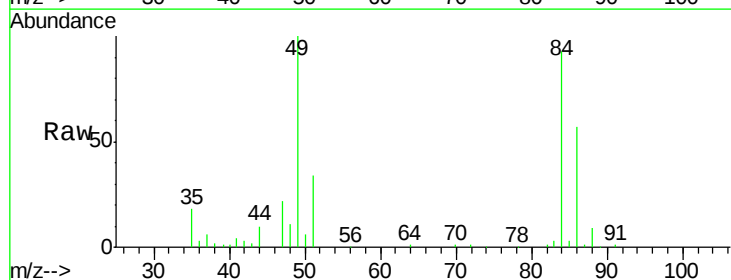
sam
2/14/2018 5:30:33 PM

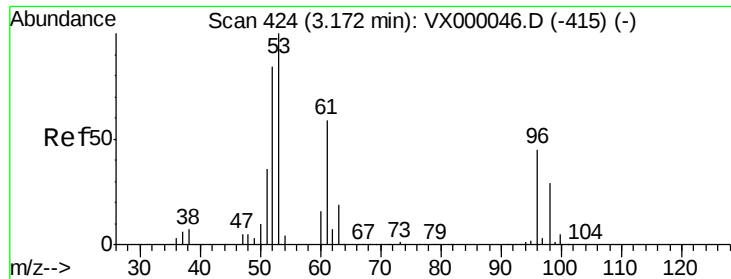


#20

Methylene Chloride
Concen: 21.74 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion: 84 Resp: 28450
Ion Ratio Lower Upper
84 100
49 107.1 94.4 141.6
51 36.3 28.3 42.5
86 61.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 21.57 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

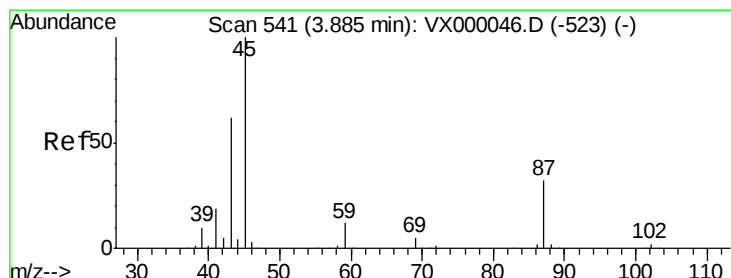
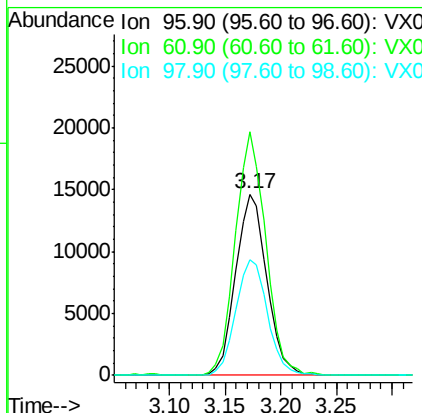
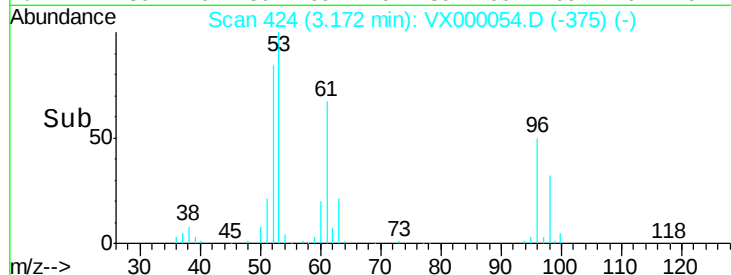
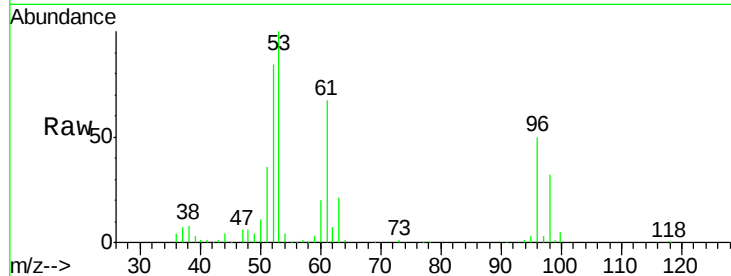
ClientSampleId :

VX0209WBS01

Tgt Ion:	96	Resp:	28461
Ion	Ratio	Lower	Upper
96	100		
61	134.4	104.9	157.3
98	64.1	52.4	78.6

Manual Integrations
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sam
2/14/2018 5:30:33 PM



#22

Diisopropyl ether

Concen: 20.30 ug/l

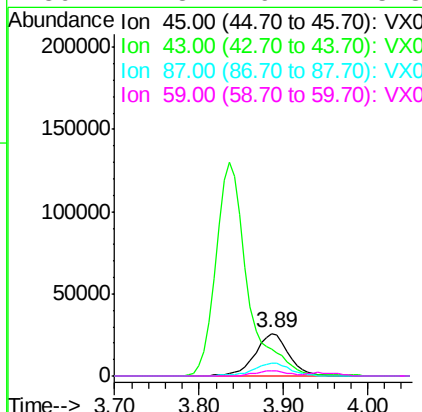
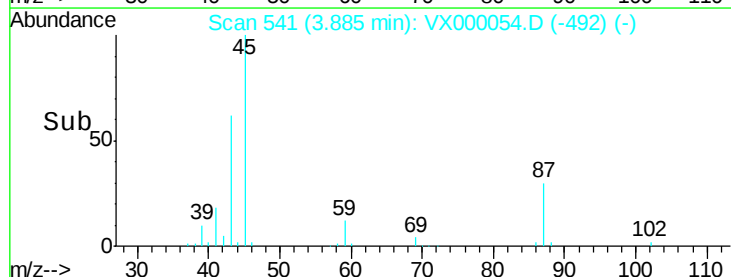
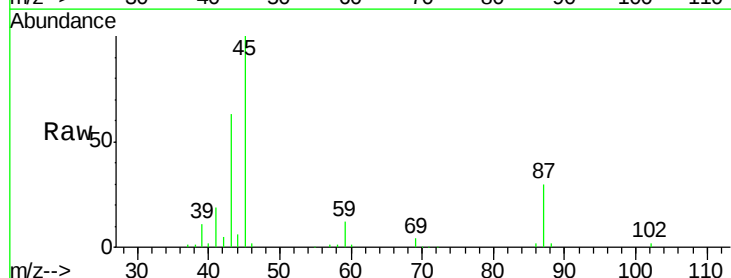
RT: 3.89 min Scan# 541

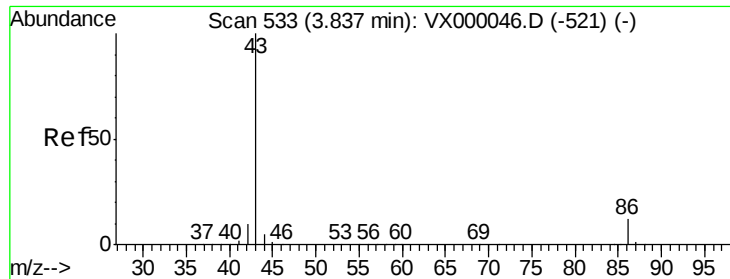
Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	45	Resp:	71577
Ion	Ratio	Lower	Upper
45	100		
43	60.0	49.6	74.4
87	30.0	25.9	38.9
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 105.74 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 43 Resp: 337127

Ion Ratio Lower Upper

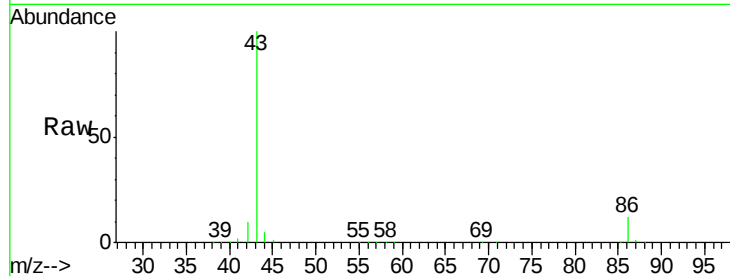
43 100

86 12.1 9.3 13.9

Manual Integrations
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sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

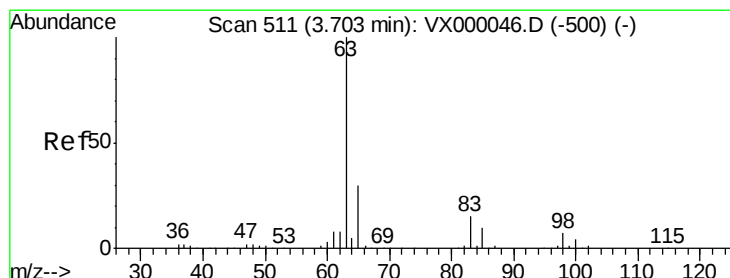
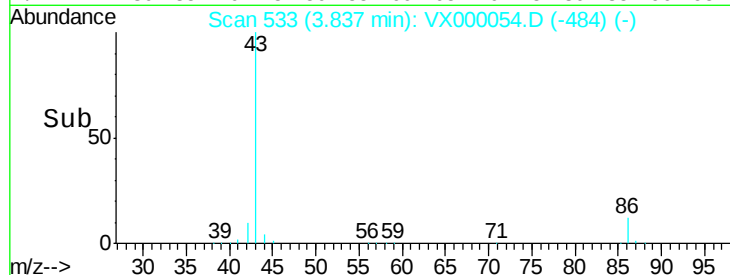
100000

50000

0

3.80 3.84 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.43 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

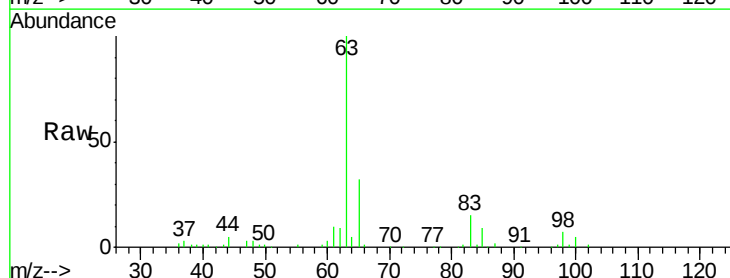
Tgt Ion: 63 Resp: 46991

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

15000

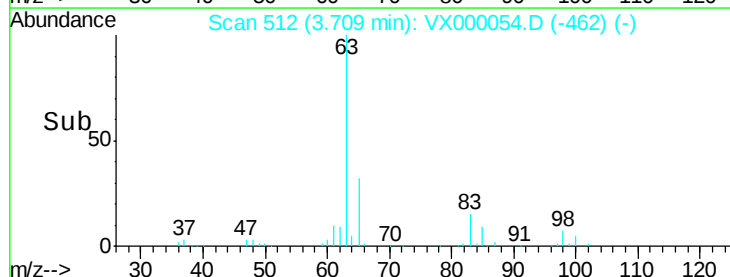
10000

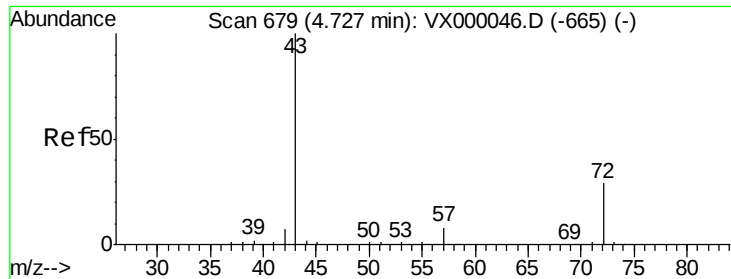
5000

0

3.60 3.70 3.71 3.80

Time-->





#25

2-Butanone

Concen: 107.70 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

VX0209WBS01

Tgt Ion: 43 Resp: 127022

Ion Ratio Lower Upper

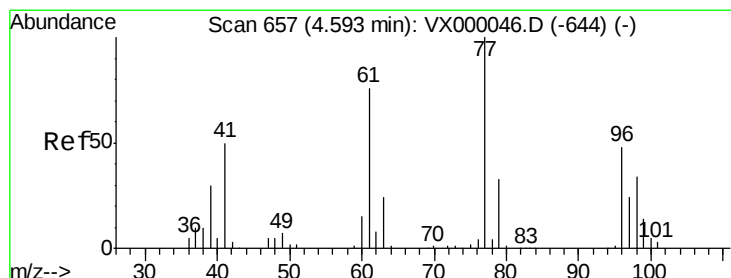
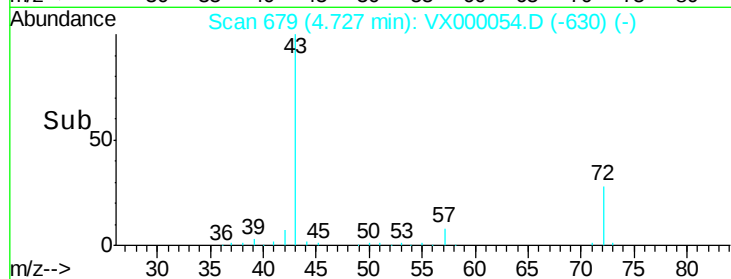
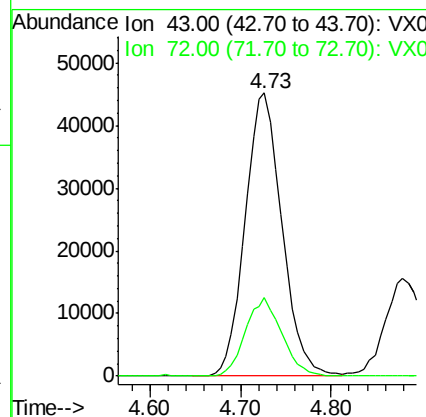
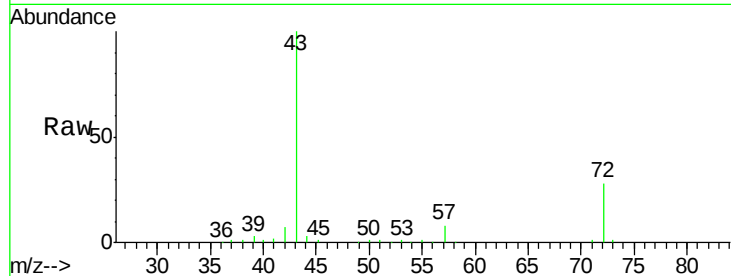
43 100

72 27.6 23.0 34.6

Manual Integrations
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sam

2/14/2018 5:30:33 PM



#26

2,2-Dichloropropane

Concen: 20.48 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000054.D

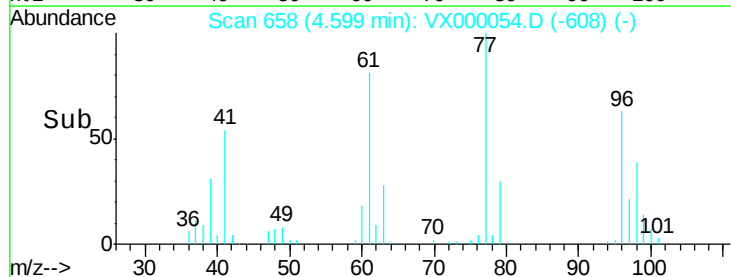
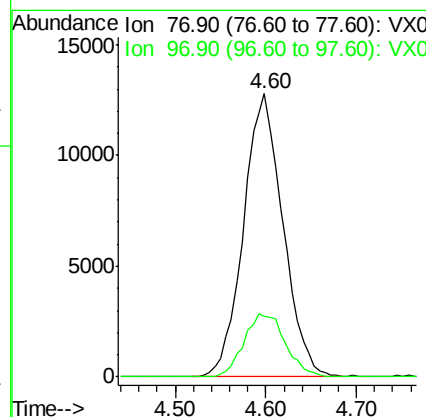
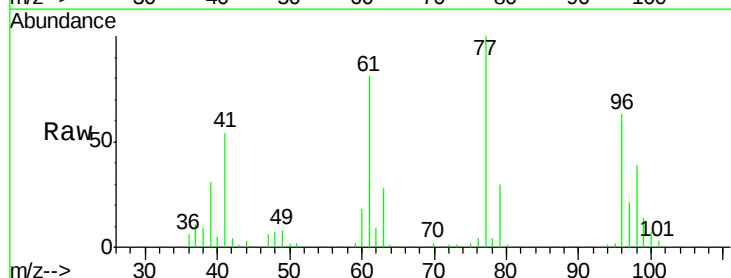
Acq: 09 Feb 2018 21:11

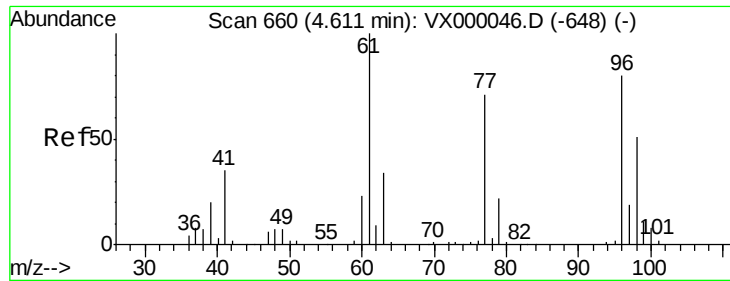
Tgt Ion: 77 Resp: 38481

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4





#27

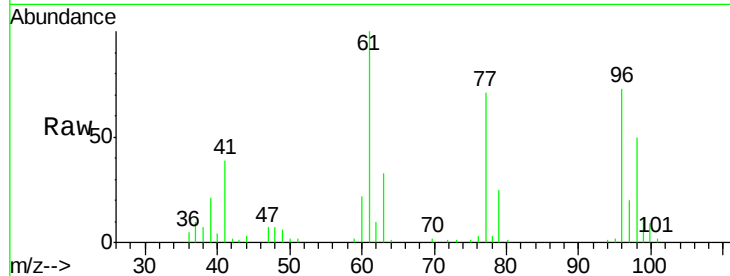
cis-1,2-Dichloroethene
Concen: 21.55 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

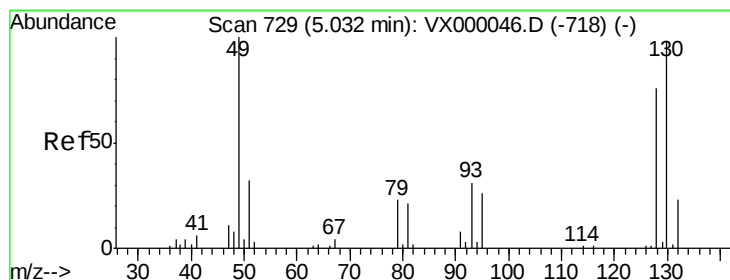
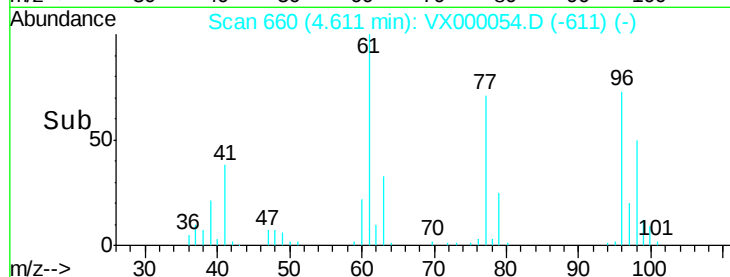
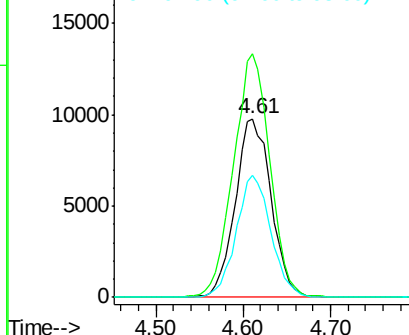
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	27868		
61	138.4	0.0	274.4	
98	65.9	0.0	132.4	

Manual Integrations
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sam
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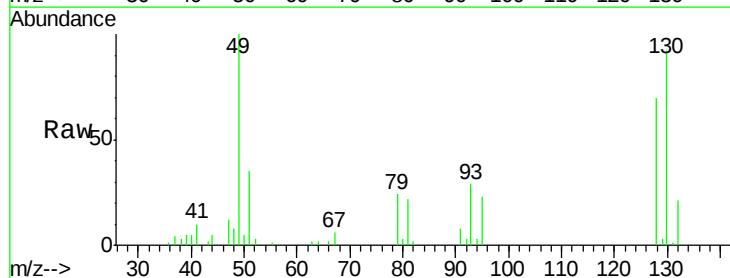
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



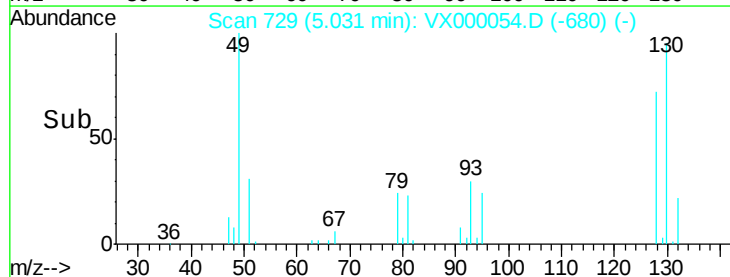
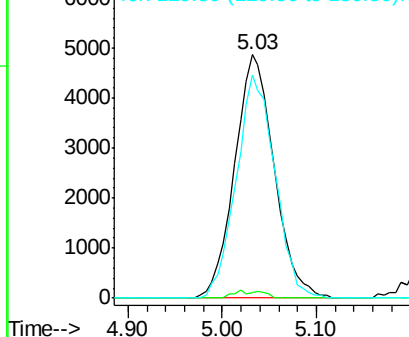
#28

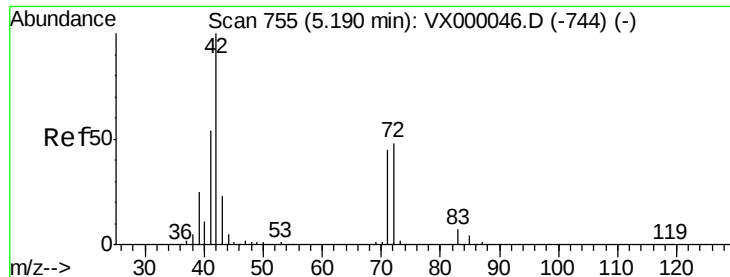
Bromochloromethane
Concen: 19.64 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	14273		
129	1.1	0.0	5.0	
130	89.7	75.6	113.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





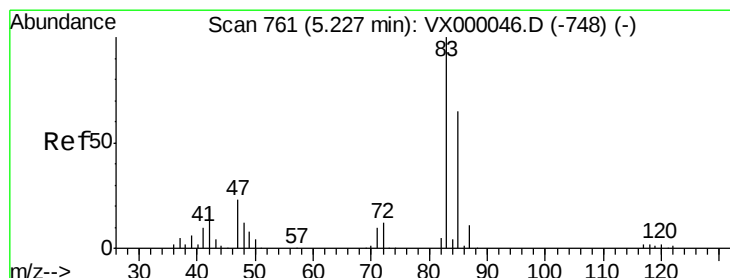
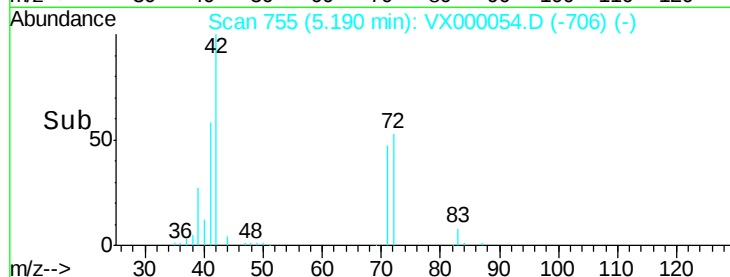
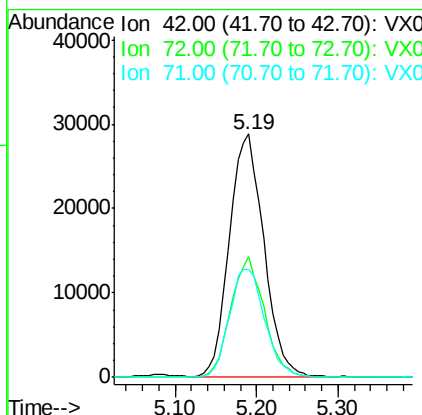
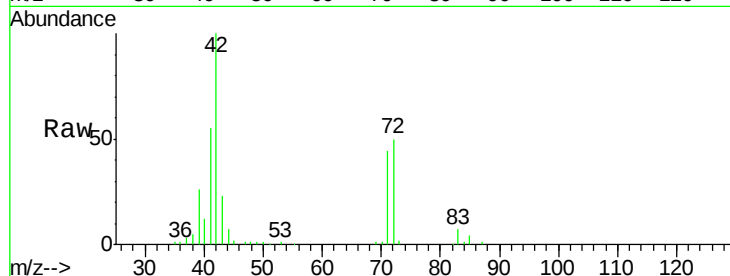
#29
Tetrahydrofuran
Concen: 104.24 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.3	39.0	58.6
71	45.9	36.7	55.1

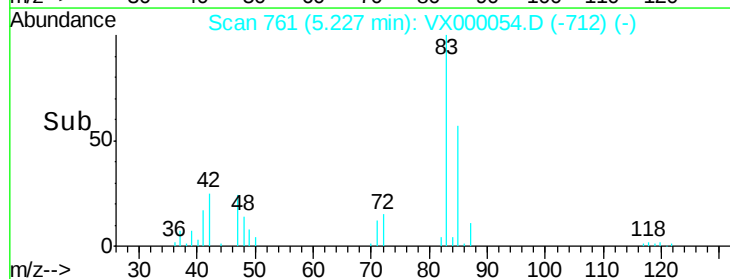
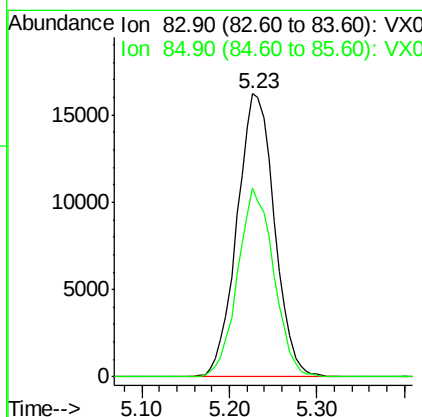
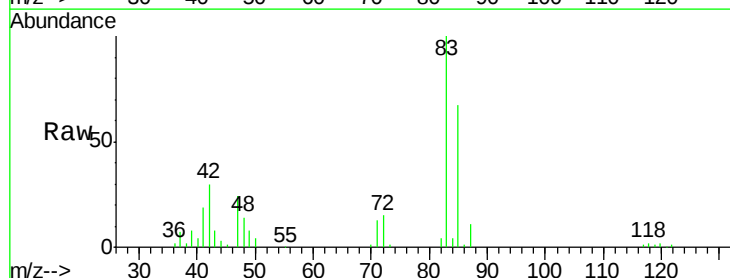
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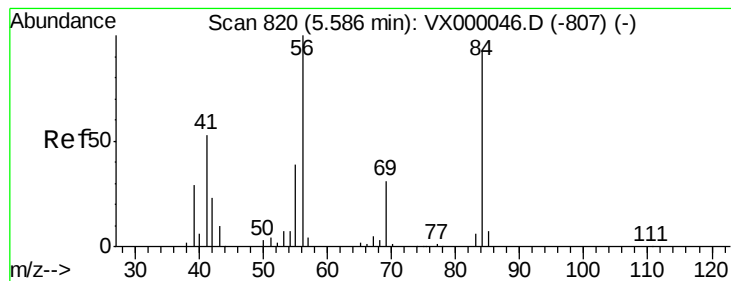
sam
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#30
Chloroform
Concen: 21.78 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.9	77.9





#31

Cyclohexane

Concen: 21.26 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

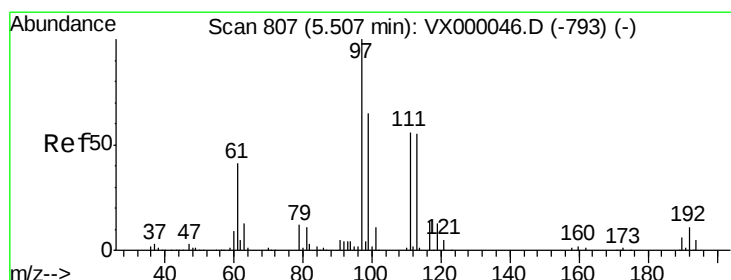
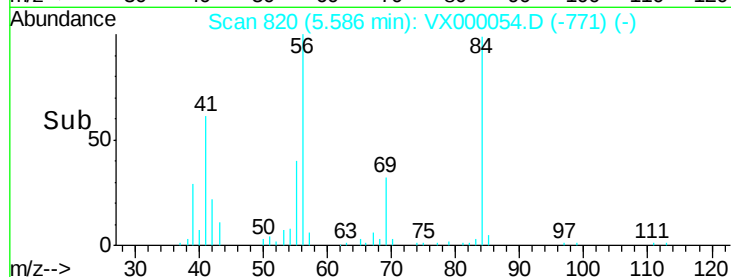
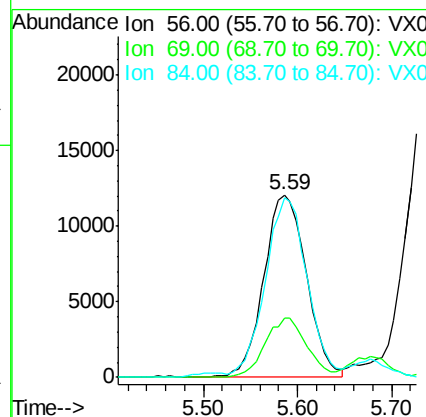
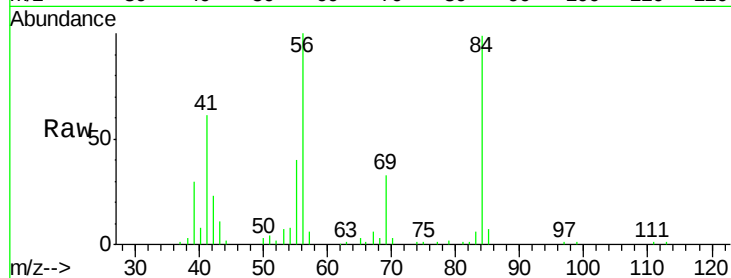
ClientSampleId :

VX0209WBS01

Tgt Ion:	56	Resp:	38285
Ion Ratio	Lower	Upper	
56	100		
69	32.7	24.5	36.7
84	97.0	74.8	112.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.32 ug/l

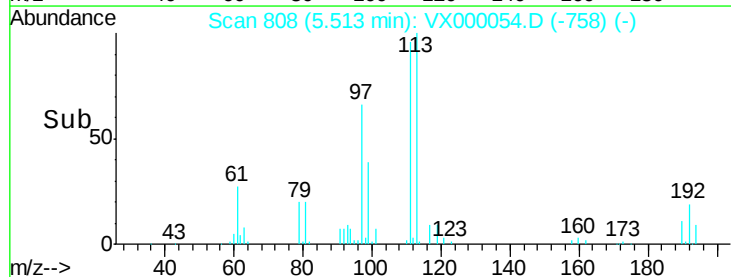
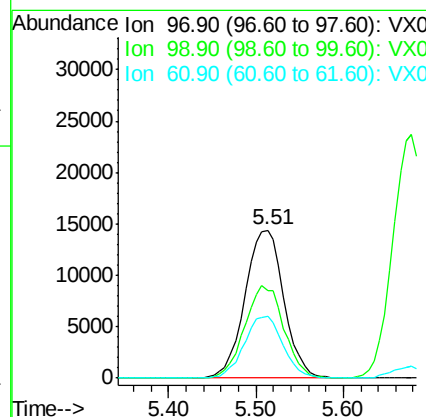
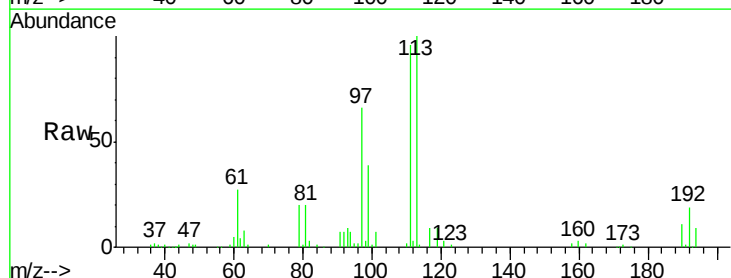
RT: 5.51 min Scan# 808

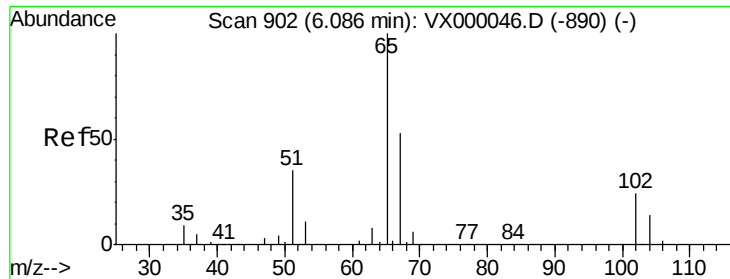
Delta R.T. 0.01 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	97	Resp:	44356
Ion Ratio	Lower	Upper	
97	100		
99	63.4	50.8	76.2
61	41.7	32.1	48.1





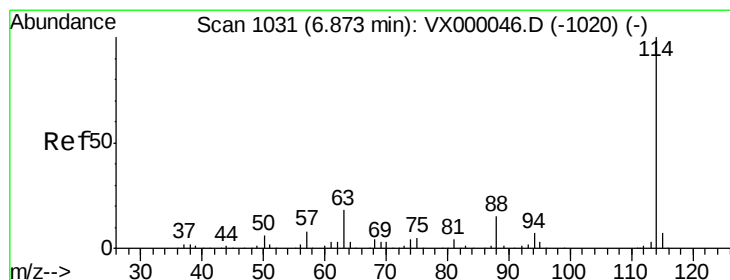
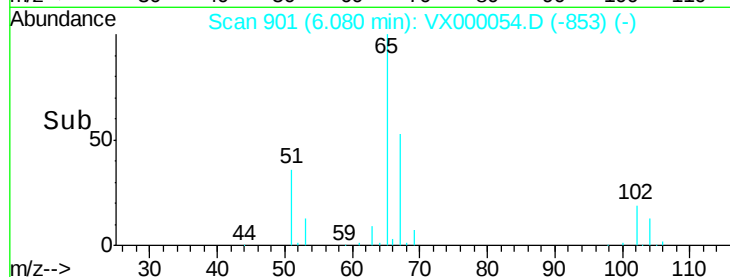
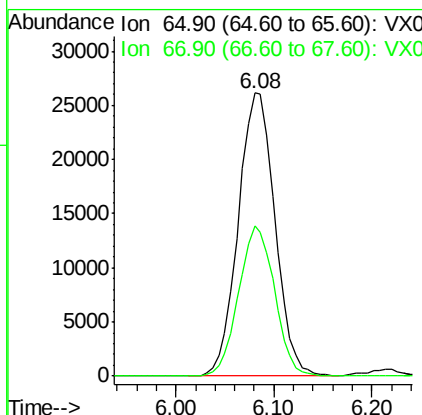
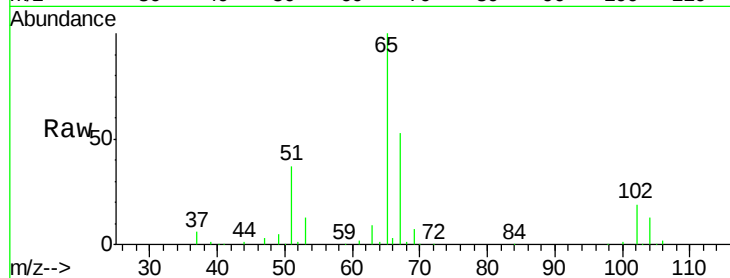
#33
 1,2-Dichloroethane-d4
 Concen: 51.76 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampleId :
 VX0209WBS01

Tgt Ion: 65 Resp: 68319
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.0

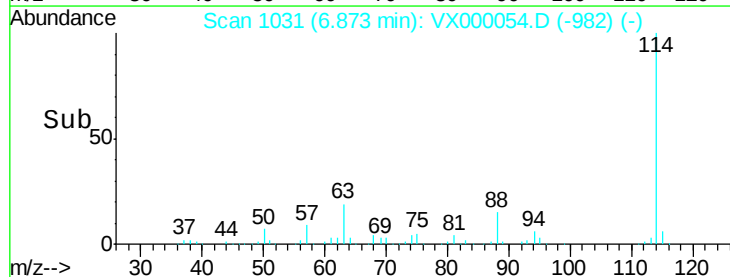
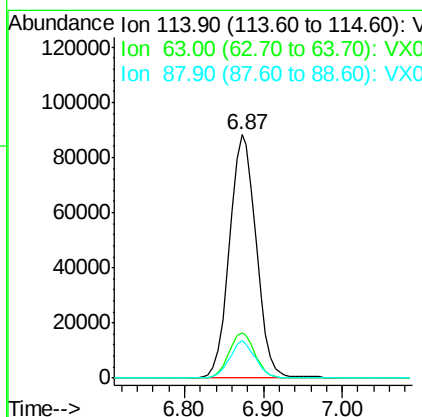
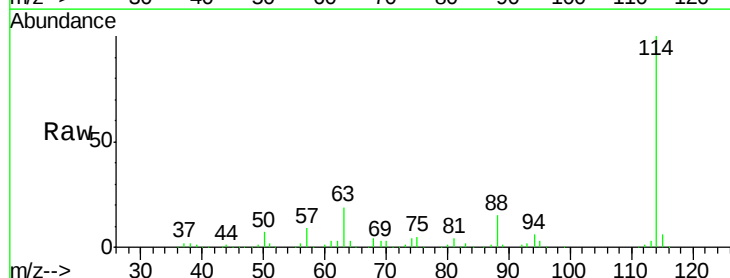
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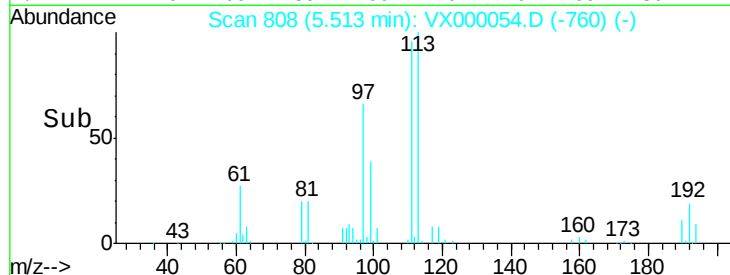
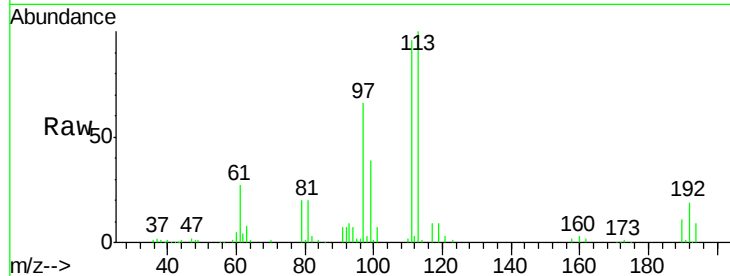
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion: 114 Resp: 208211
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 15.3 0.0 30.4





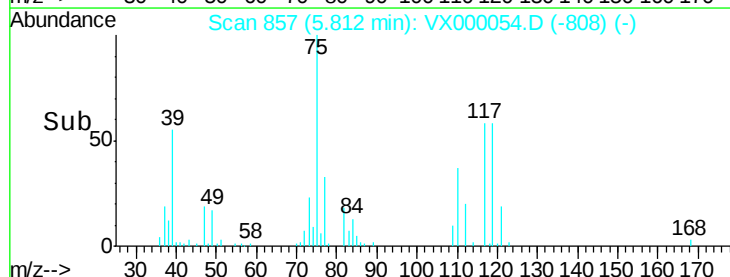
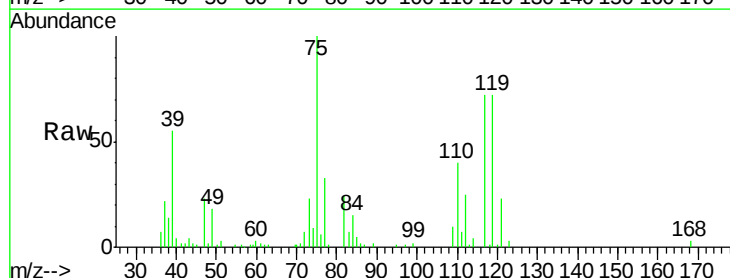
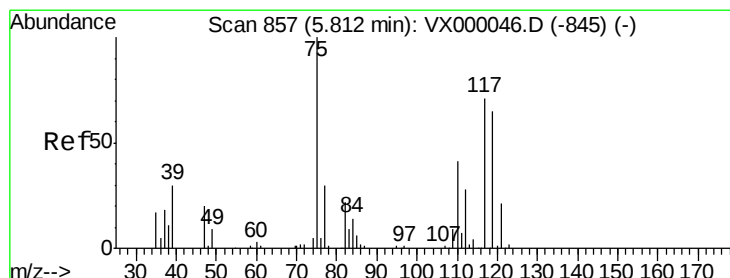
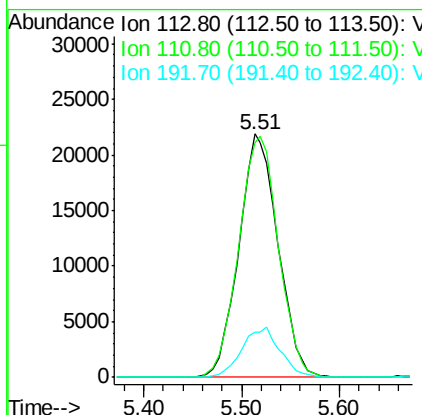
#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	60579		
111	101.0	80.5	120.7	
192	20.1	16.9	25.3	

Instrument :
ClientSampled :
VX0209WBS01

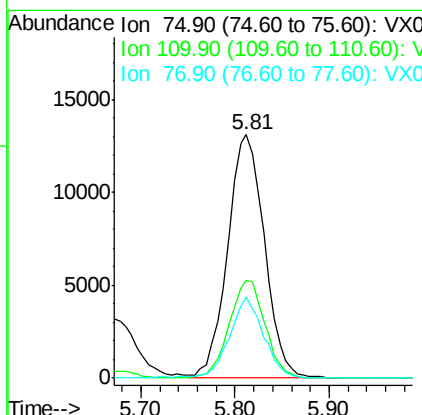
Manual Integrations
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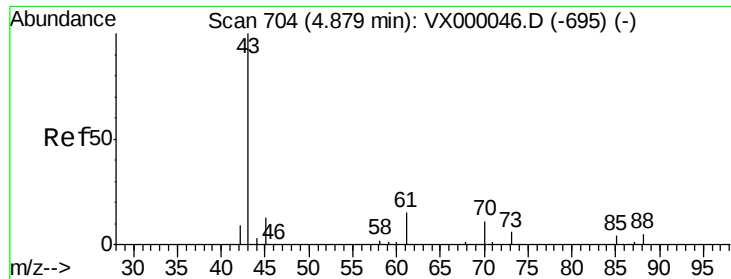
sam
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#36
1,1-Dichloropropene
Concen: 19.69 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35694		
110	39.1	19.4	58.4	
77	30.9	24.2	36.4	





#37

Ethyl Acetate

Concen: 19.71 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

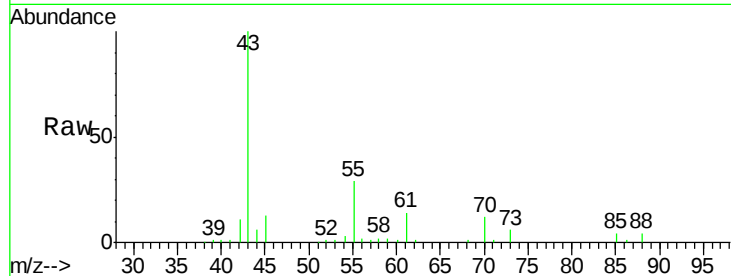
Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

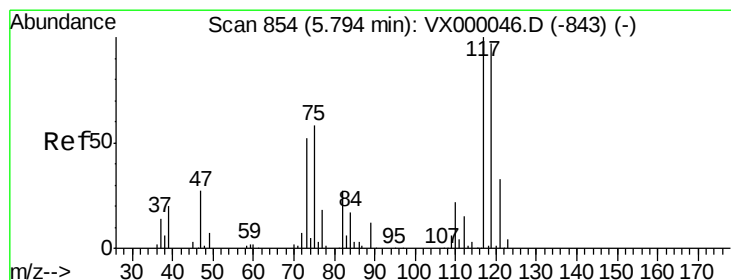
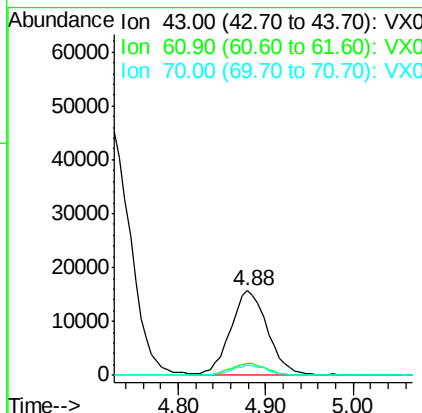
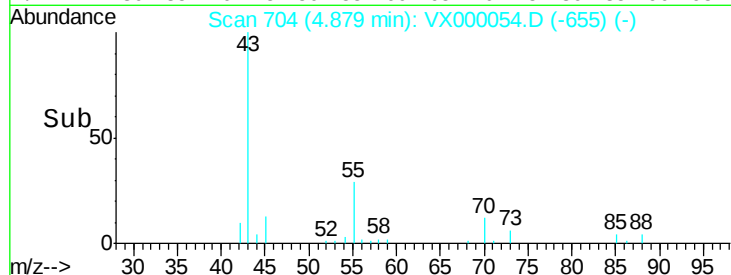
VX0209WBS01



Tgt Ion:	43	Resp:	46146
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.4	17.2
70	11.1	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

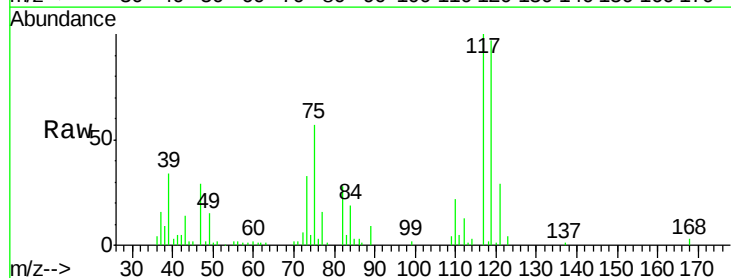
Concen: 19.70 ug/l

RT: 5.79 min Scan# 854

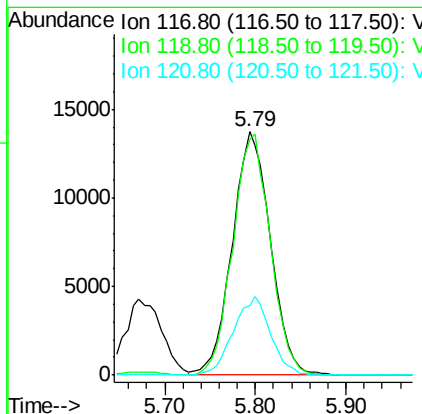
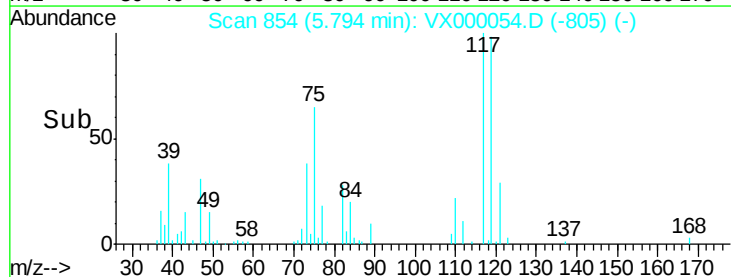
Delta R.T. -0.00 min

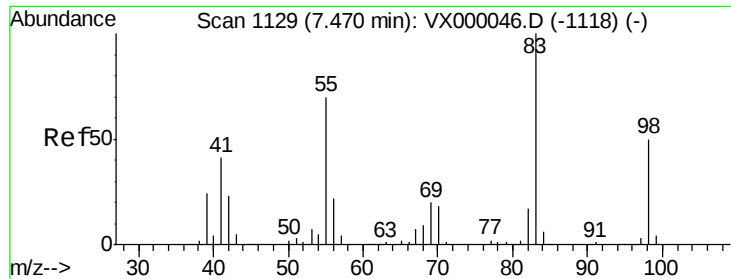
Lab File: VX000054.D

Acq: 09 Feb 2018 21:11



Tgt Ion:	117	Resp:	40104
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
121	28.6	25.8	38.8





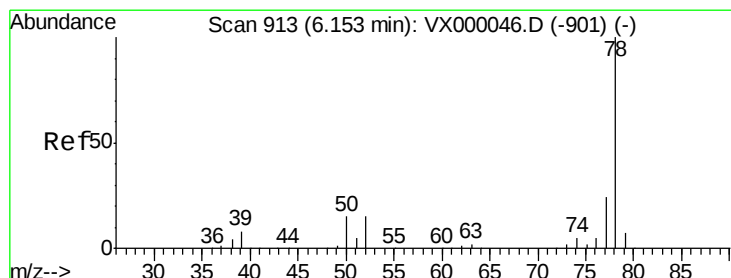
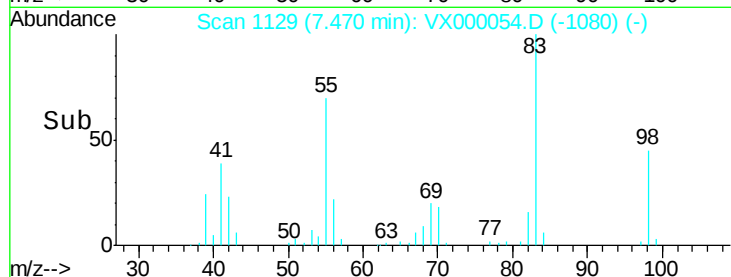
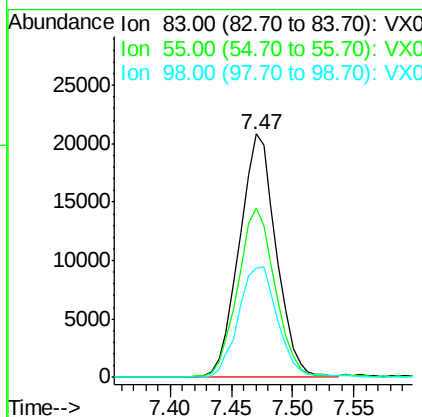
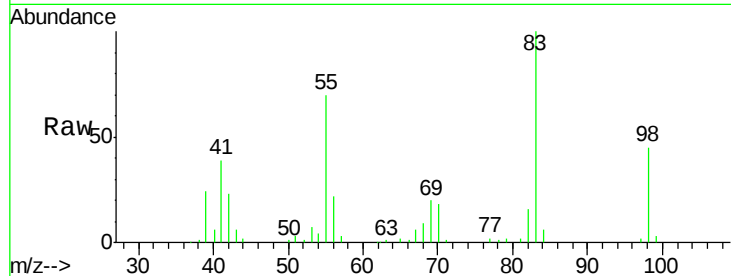
#39
Methylcyclohexane
Concen: 19.88 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.6	55.7	83.5
98	44.6	39.7	59.5

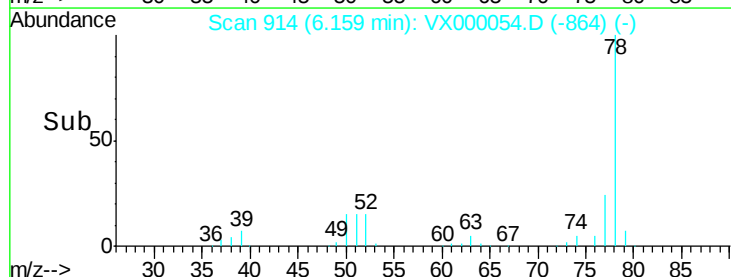
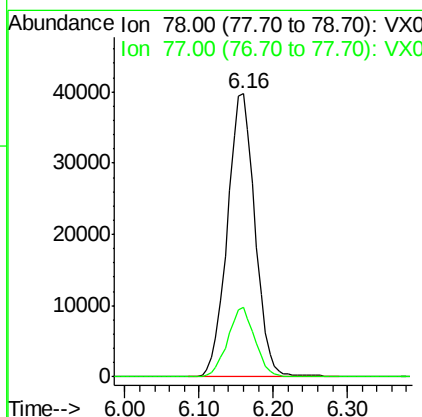
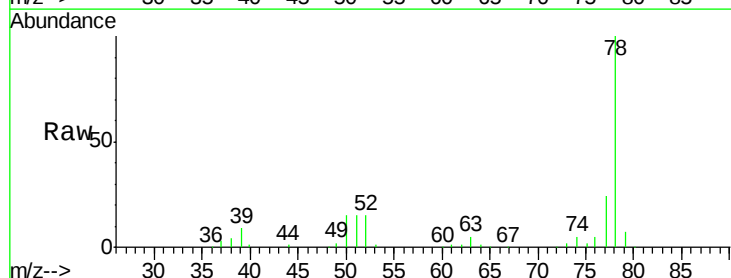
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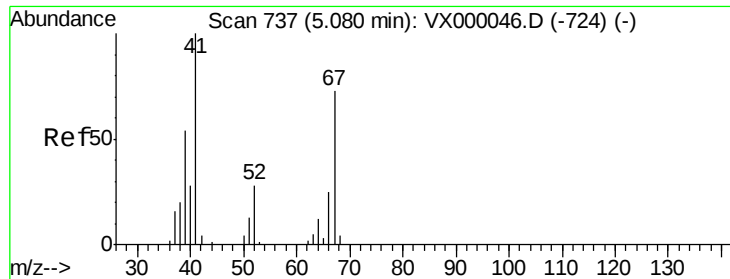
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#40
Benzene
Concen: 20.15 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2





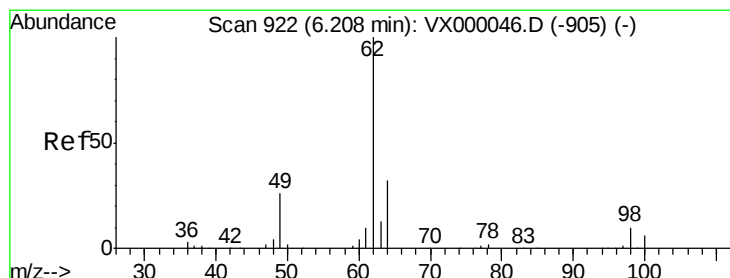
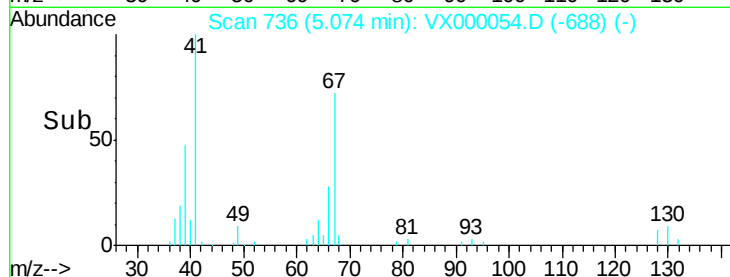
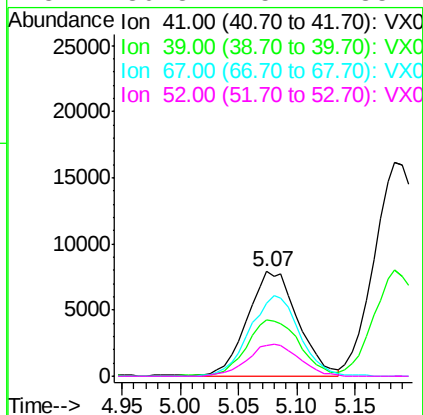
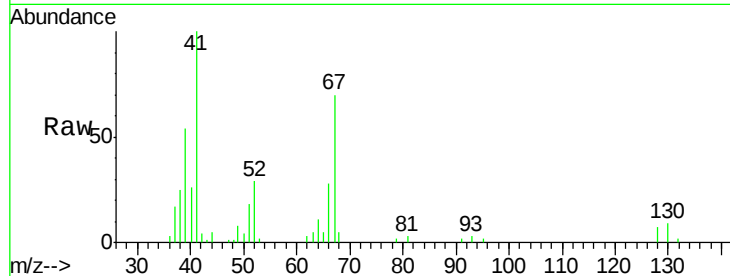
#41
Methacrylonitrile
Concen: 19.85 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.8
67	75.8	60.6	91.0
52	30.8	25.4	38.2

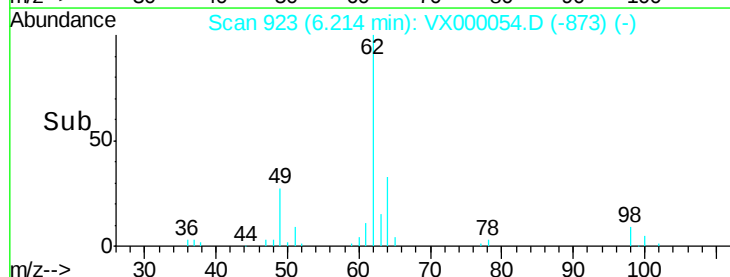
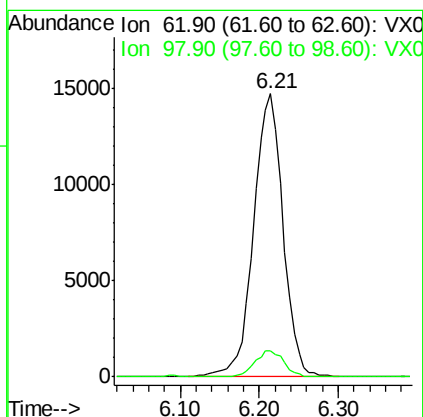
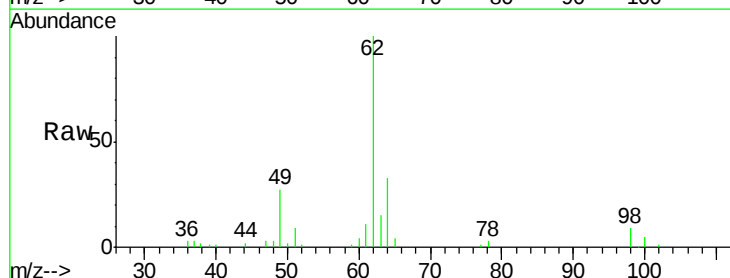
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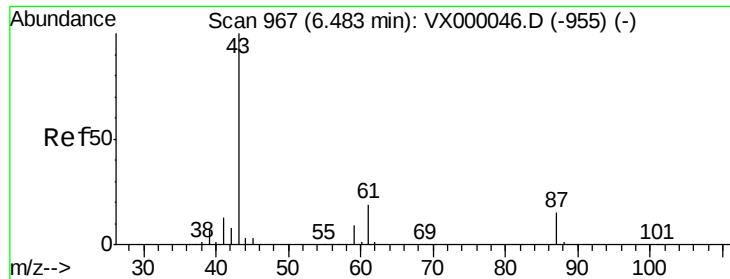
sam
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#42
1,2-Dichloroethane
Concen: 20.86 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





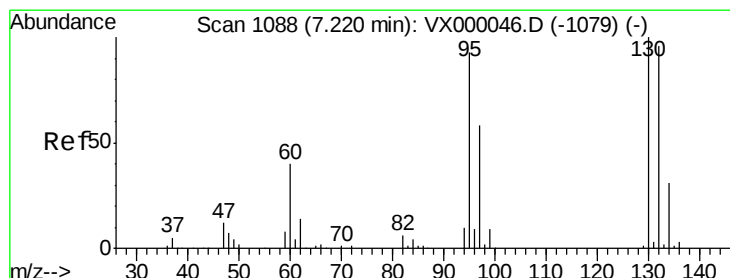
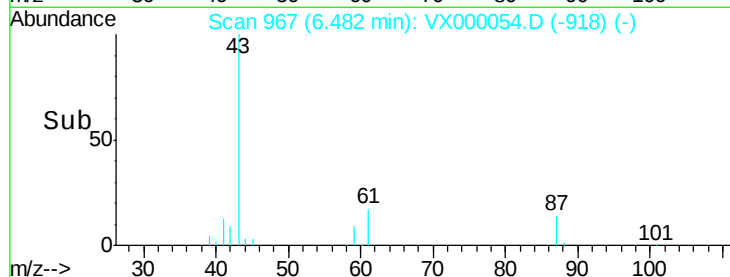
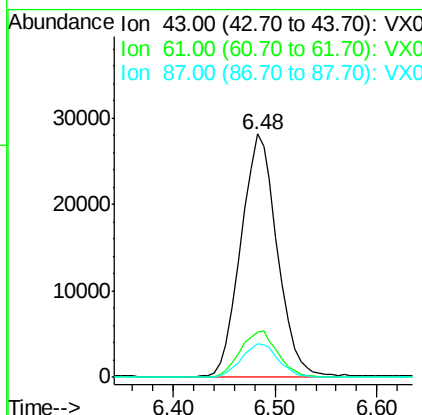
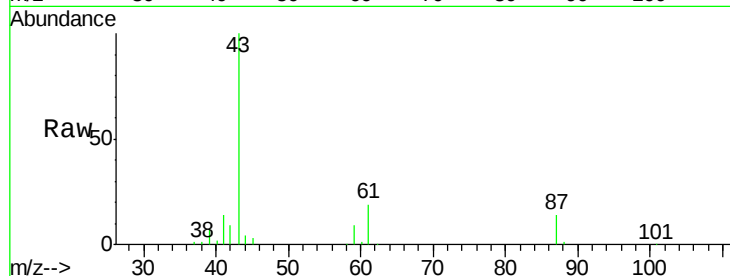
#43
Isopropyl Acetate
Concen: 19.80 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.9	23.9
87	13.8	11.8	17.6

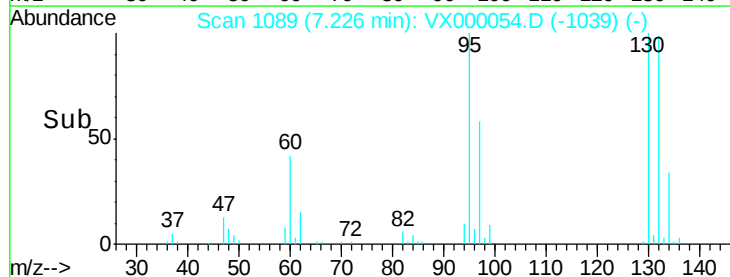
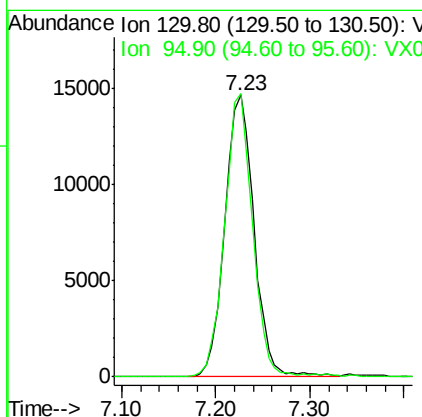
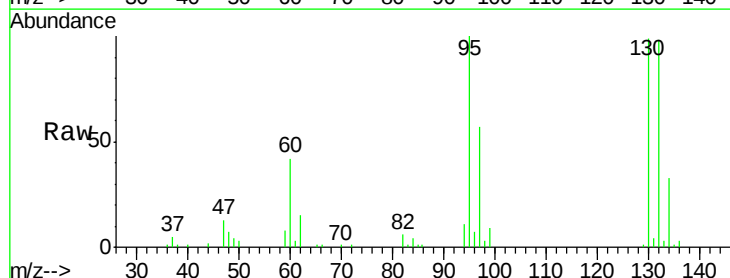
Manual Integrations
APPROVED

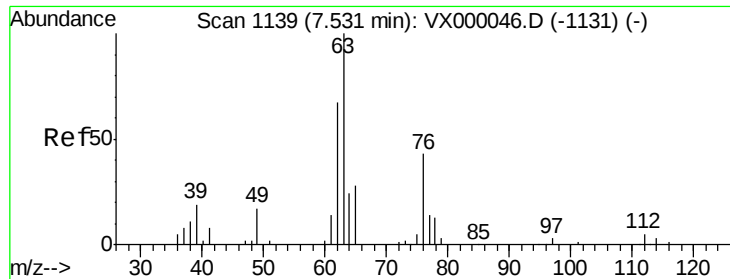
sam
2/14/2018 5:30:33 PM



#44
Trichloroethene
Concen: 19.91 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	185.2





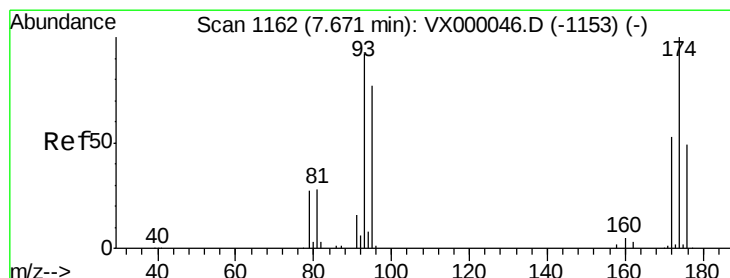
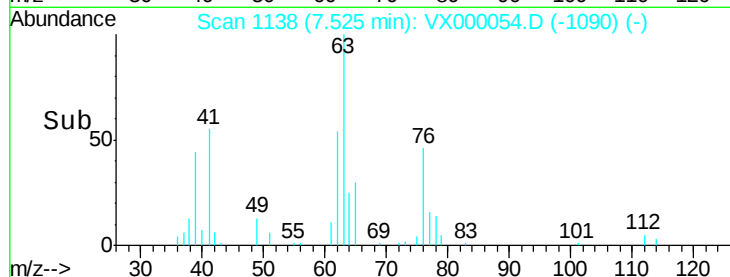
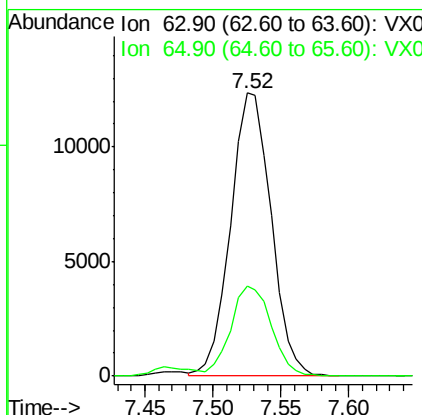
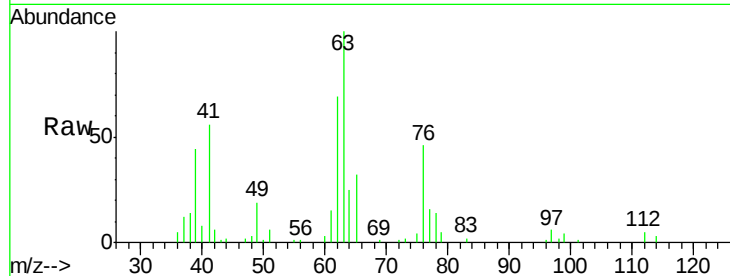
#45
 1,2-Dichloropropane
 Concen: 20.65 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampleId :
 VX0209WBS01

Tgt Ion: 63 Resp: 25723
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.7 35.5

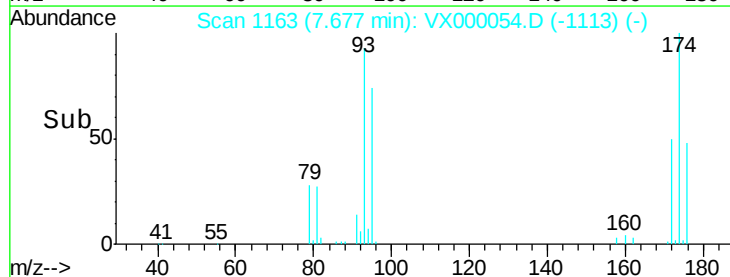
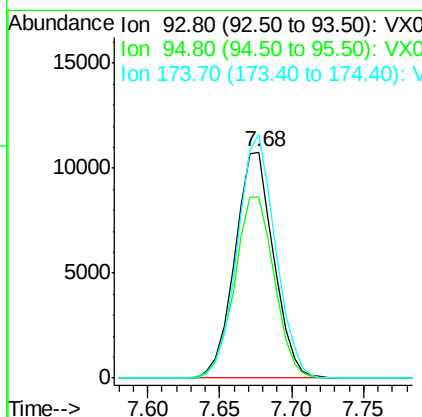
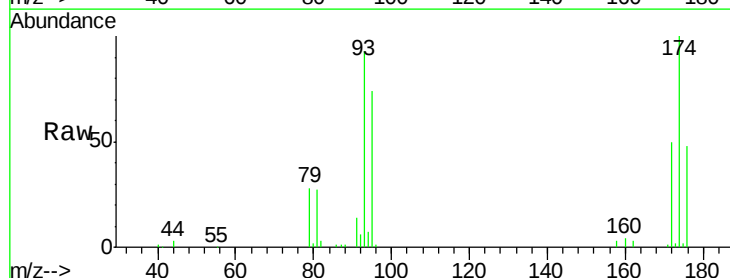
Manual Integrations
 APPROVED

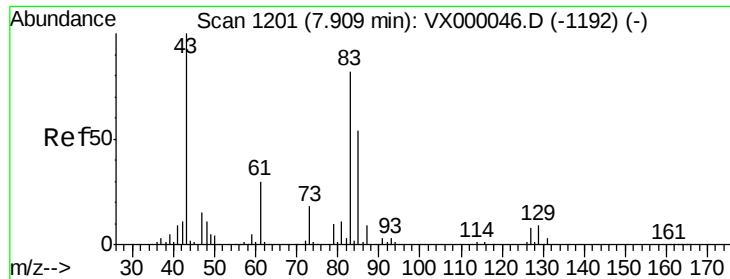
sam
 2/14/2018 5:30:33 PM



#46
 Dibromomethane
 Concen: 20.88 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion: 93 Resp: 20075
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.3 99.5
 174 105.8 90.4 135.6





#47

Bromodichloromethane

Concen: 20.11 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

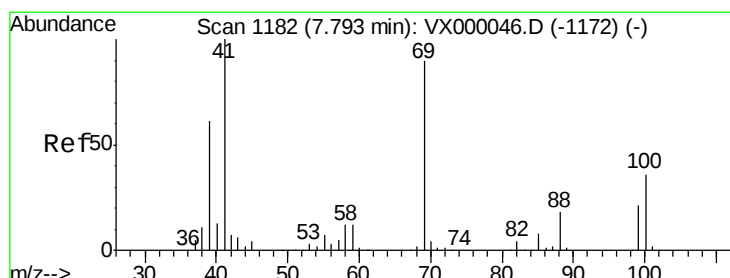
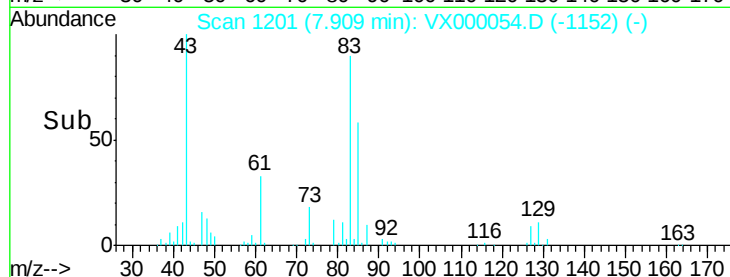
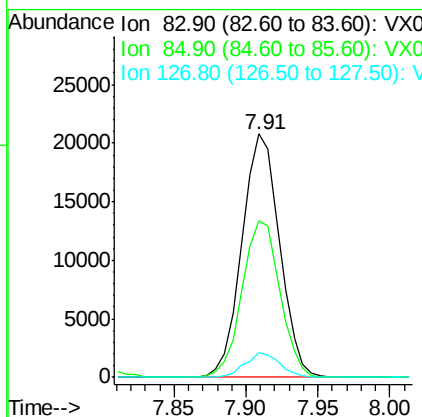
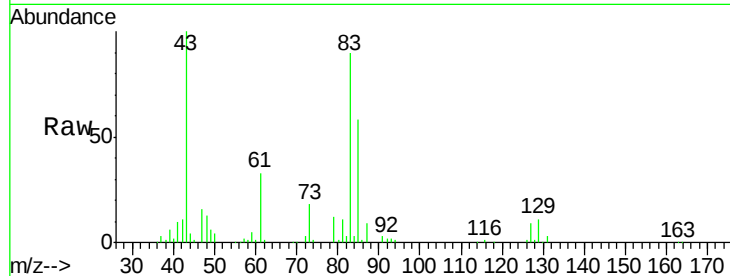
ClientSampled :

VX0209WBS01

Tgt Ion:	83	Resp:	37602
Ion Ratio	Lower	Upper	
83	100		
85	64.4	52.3	78.5
127	10.2	7.4	11.0

Manual Integrations
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2/14/2018 5:30:33 PM



#48

Methyl methacrylate

Concen: 19.85 ug/l

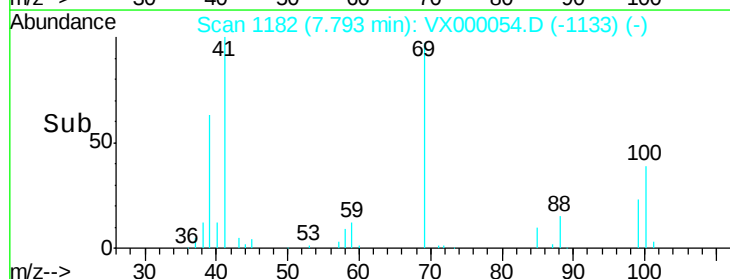
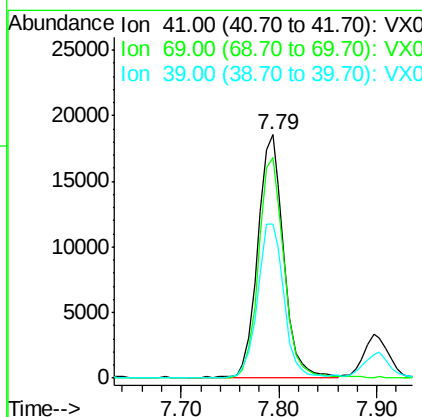
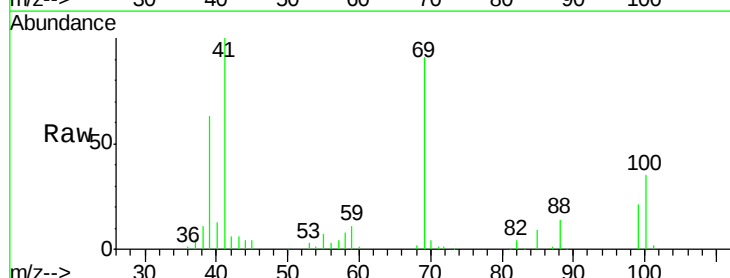
RT: 7.79 min Scan# 1182

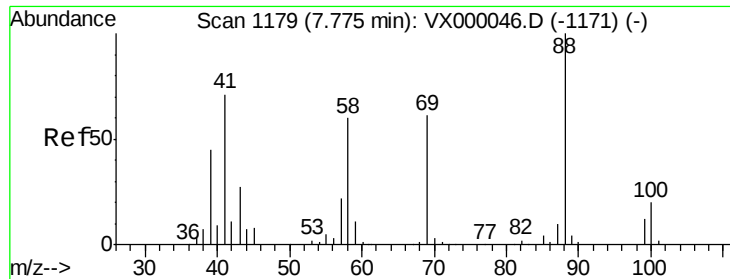
Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	41	Resp:	34396
Ion Ratio	Lower	Upper	
41	100		
69	88.9	72.1	108.1
39	64.1	49.6	74.4





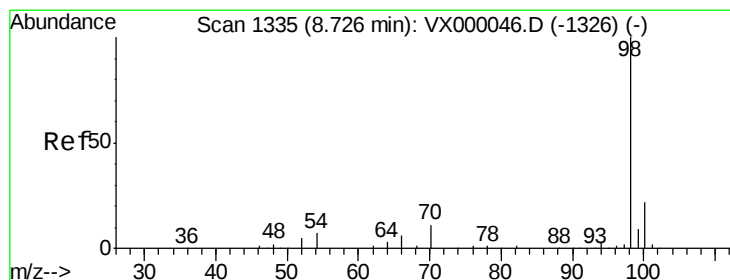
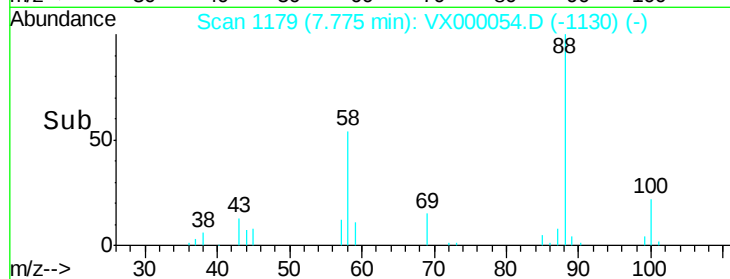
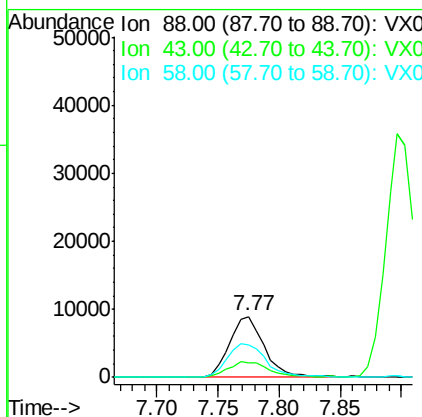
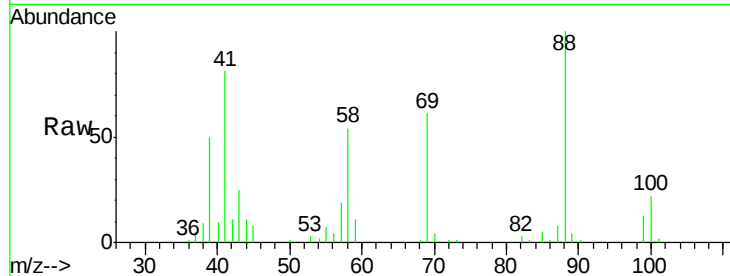
#49
1,4-Dioxane
Concen: 381.77 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.5	22.6	33.8
58	62.6	49.4	74.2

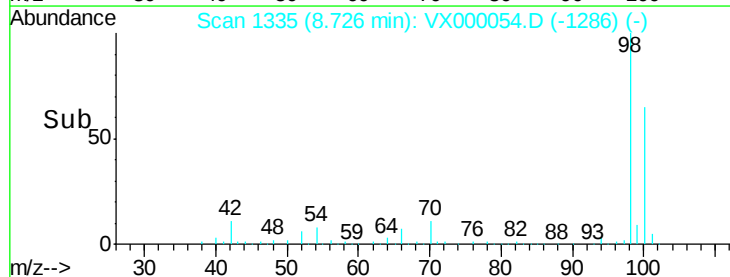
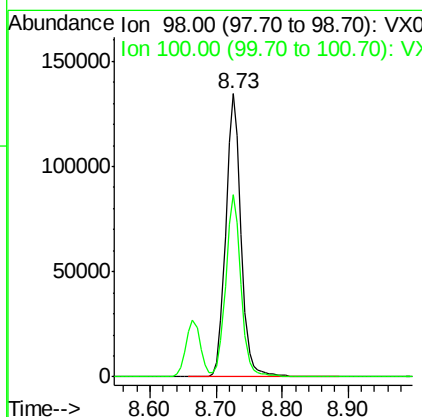
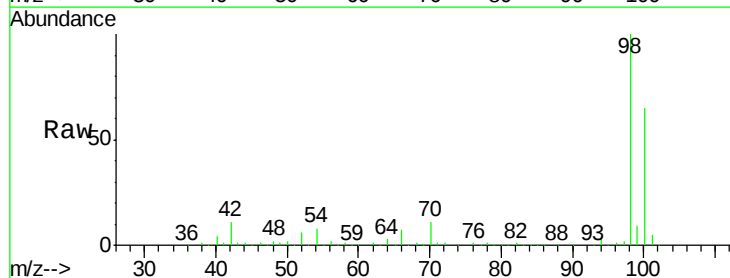
Manual Integrations
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#50
Toluene-d8
Concen: 47.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 101.90 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 43 Resp: 250608

Ion Ratio Lower Upper

43 100

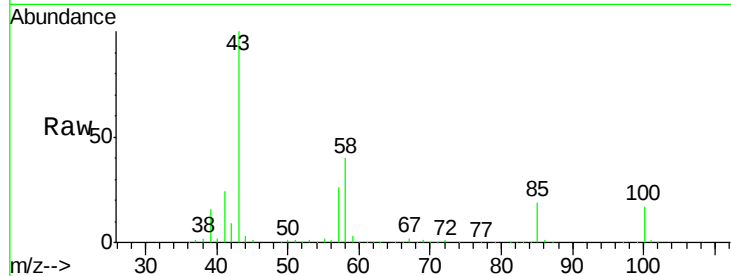
58 38.4 32.1 48.1

Manual Integrations

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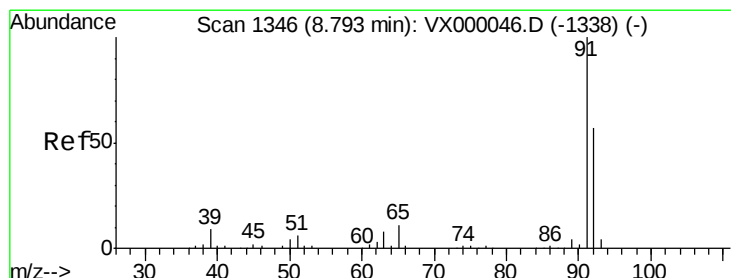
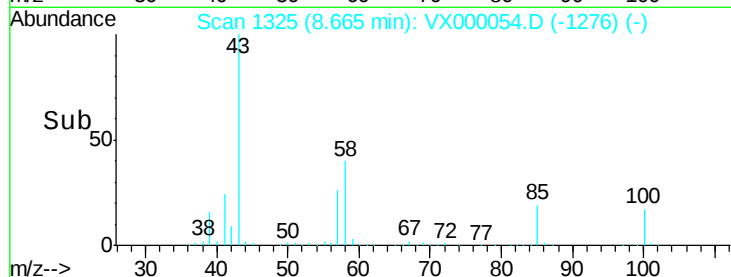
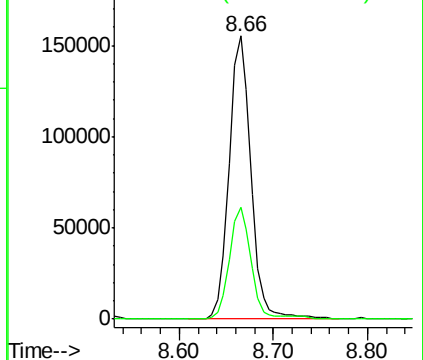
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.41 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000054.D

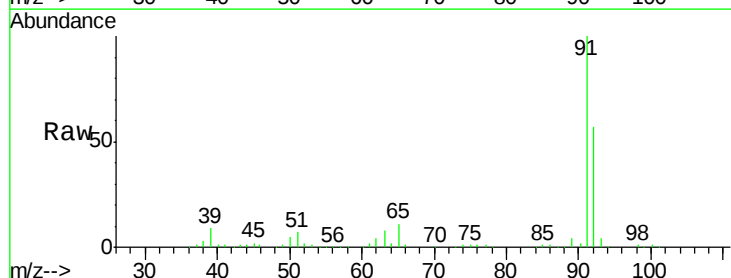
Acq: 09 Feb 2018 21:11

Tgt Ion: 92 Resp: 70247

Ion Ratio Lower Upper

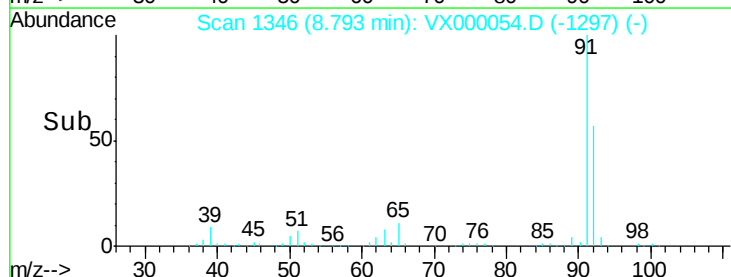
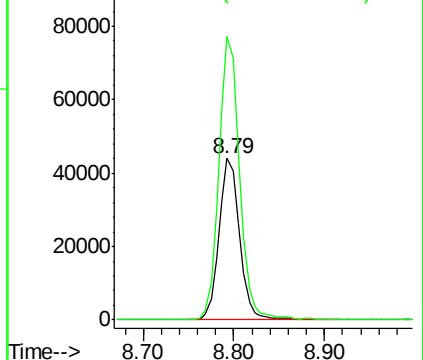
92 100

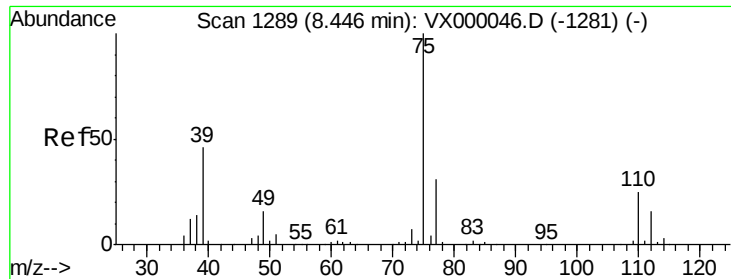
91 175.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





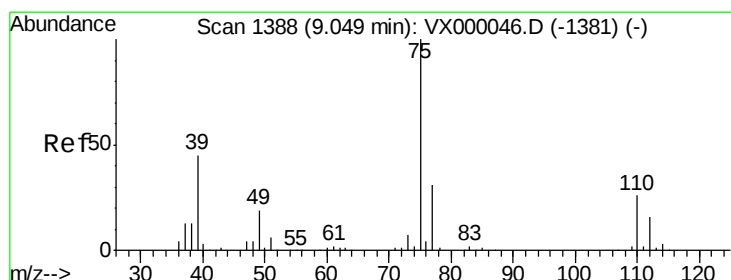
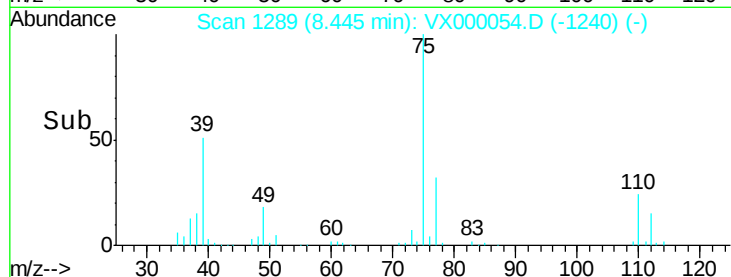
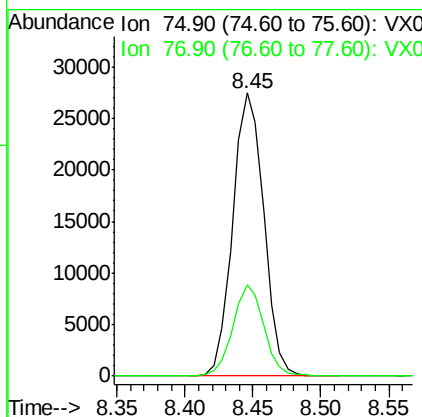
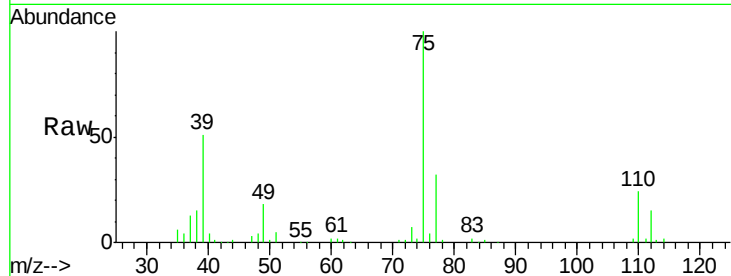
#53
t-1,3-Dichloropropene
Concen: 19.95 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion: 75 Resp: 43629
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

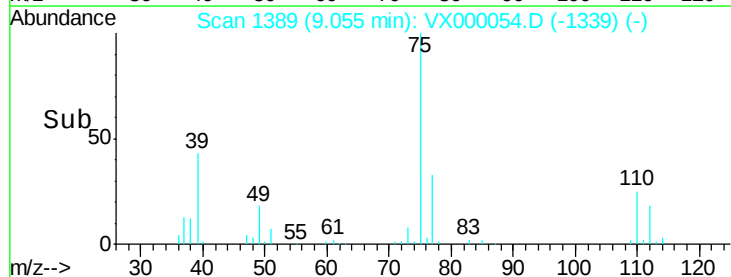
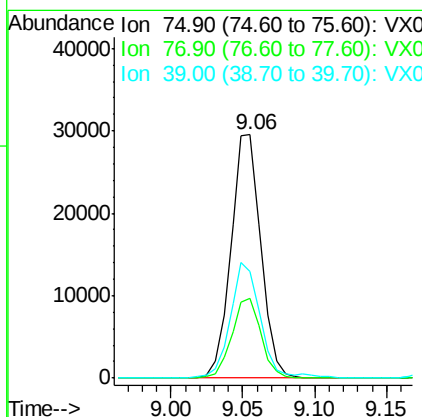
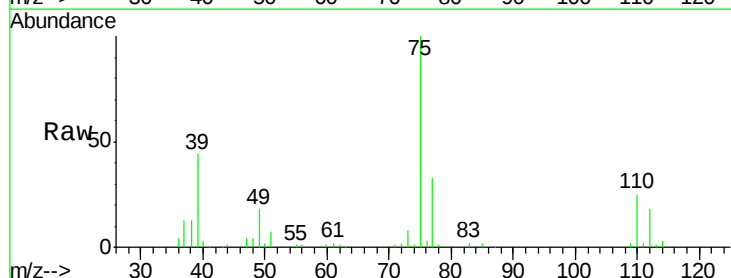
Manual Integrations
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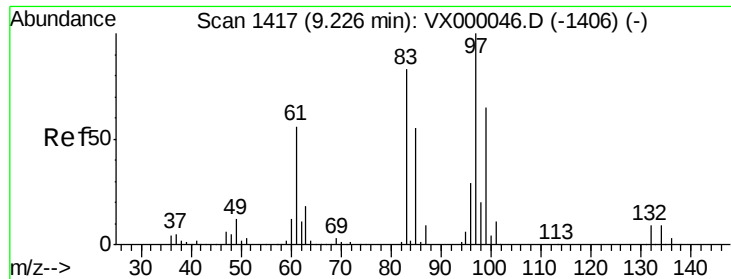
sam
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#54
cis-1,3-Dichloropropene
Concen: 20.15 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion: 75 Resp: 42834
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7
39 44.0 36.1 54.1





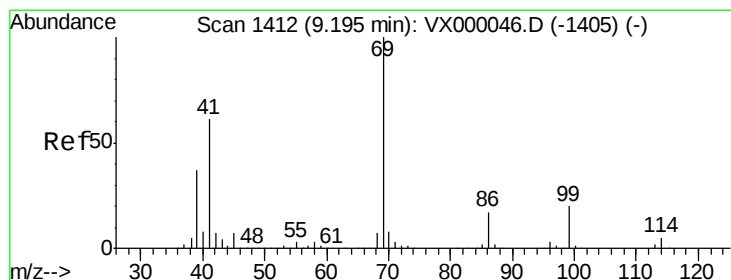
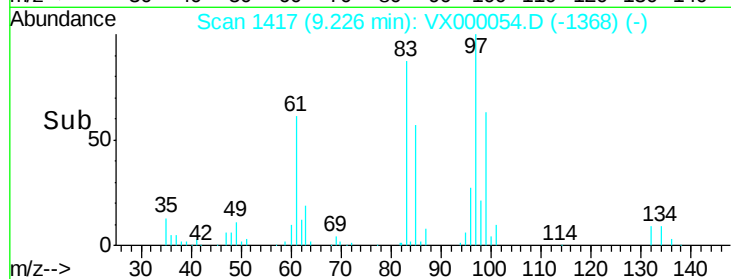
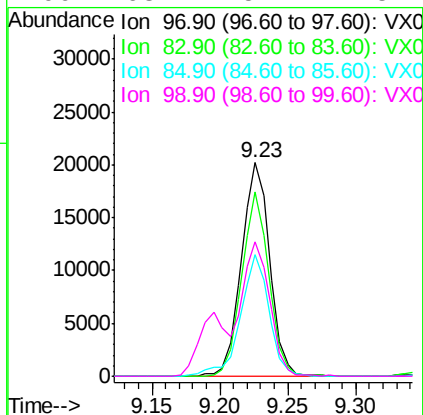
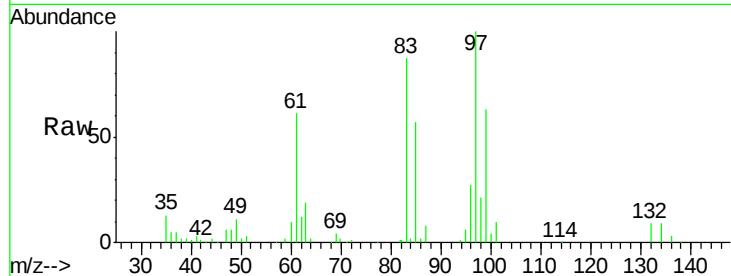
#55
 1,1,2-Trichloroethane
 Concen: 20.33 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampled :
 VX0209WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	29336		
83	86.6	66.5	99.7	
85	56.8	43.8	65.6	
99	63.1	52.2	78.4	

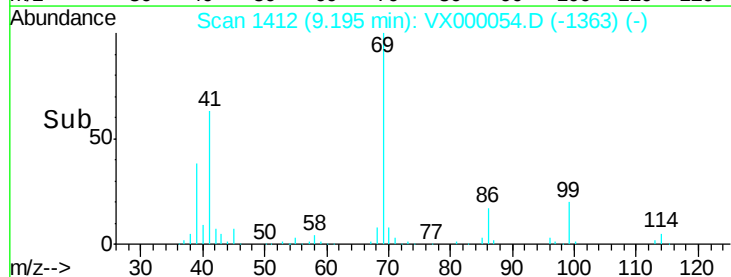
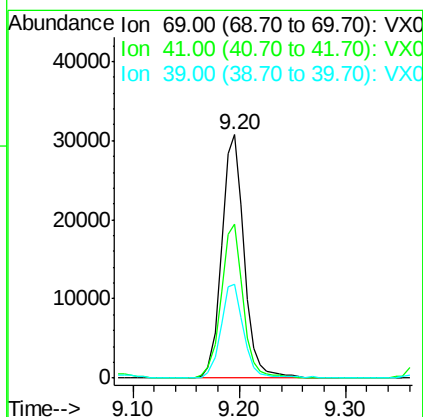
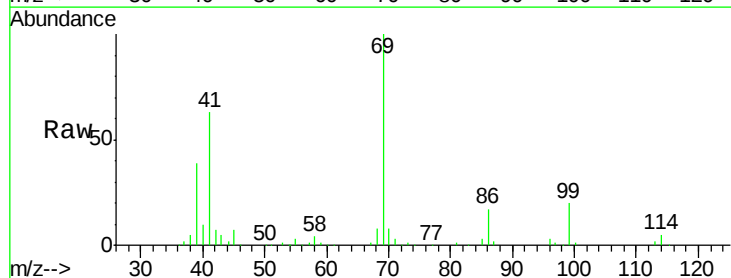
Manual Integrations
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sam
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#56
 Ethyl methacrylate
 Concen: 20.49 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	45374		
41	62.5	49.5	74.3	
39	39.6	29.9	44.9	





#57

1,3-Dichloropropane

Concen: 20.69 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 76 Resp: 46456

Ion Ratio Lower Upper

76 100

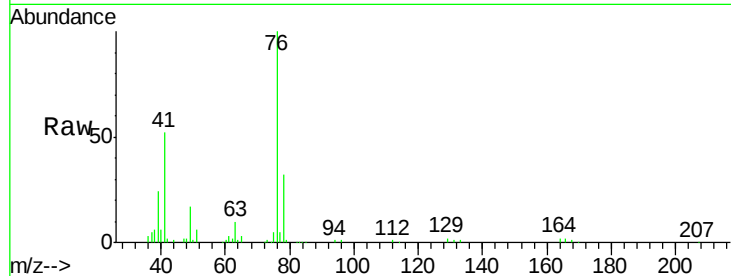
78 33.0 25.9 38.9

Manual Integrations

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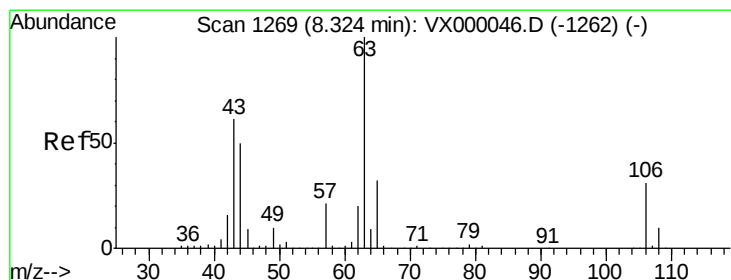
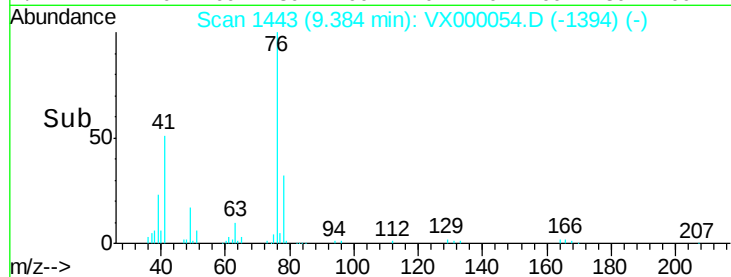
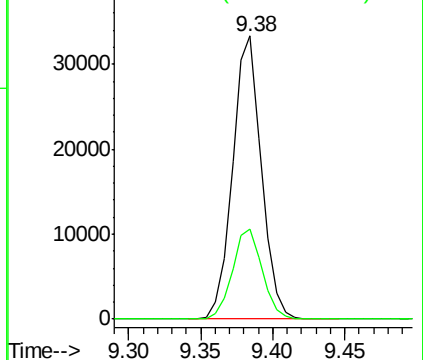
sam

2/14/2018 5:30:33 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.56 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000054.D

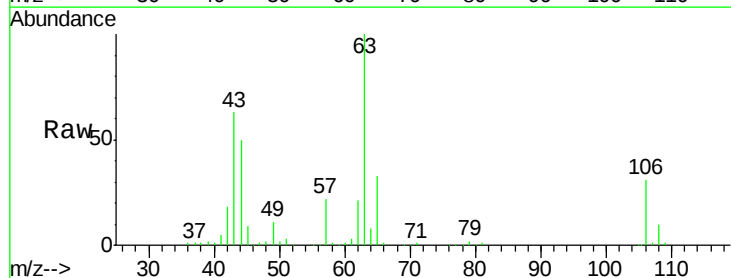
Acq: 09 Feb 2018 21:11

Tgt Ion: 63 Resp: 108878

Ion Ratio Lower Upper

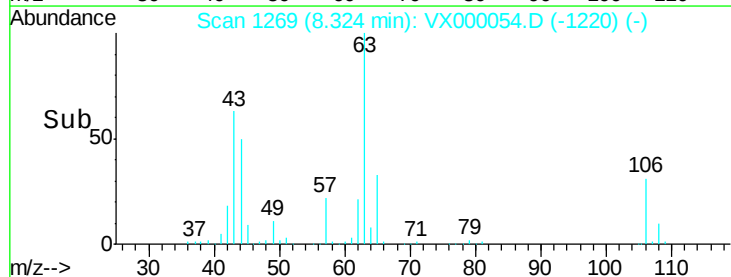
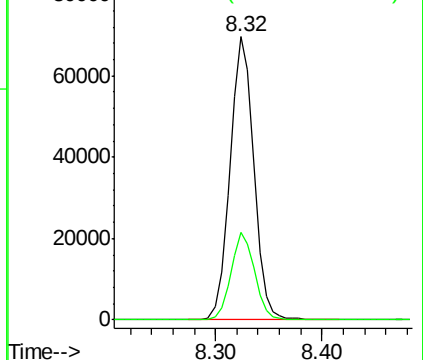
63 100

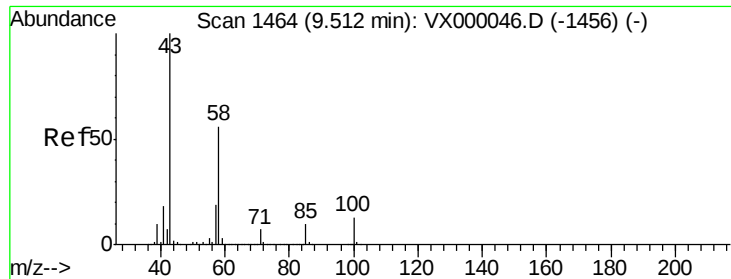
106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





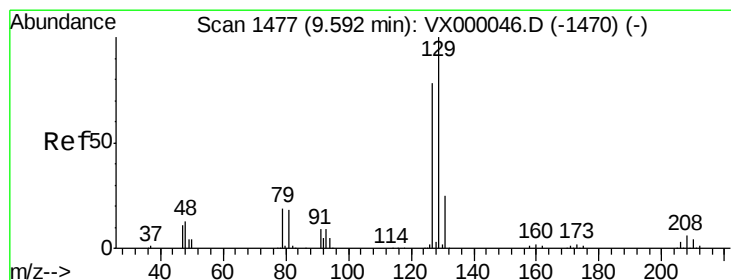
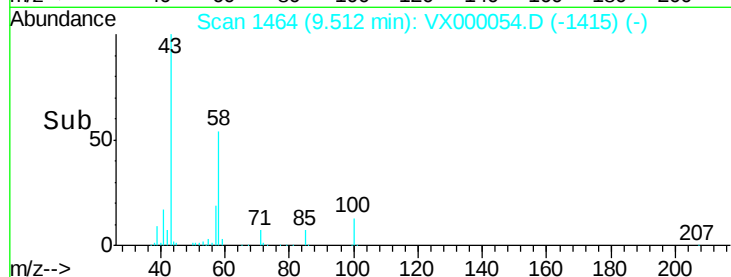
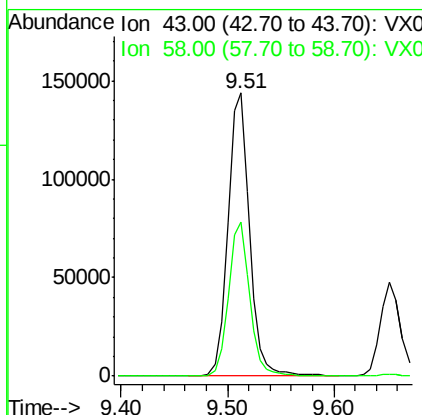
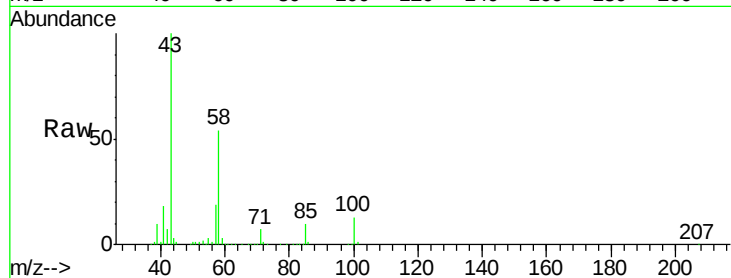
#59
2-Hexanone
Concen: 102.11 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

Tgt Ion: 43 Resp: 204256
Ion Ratio Lower Upper
43 100
58 53.9 27.6 82.7

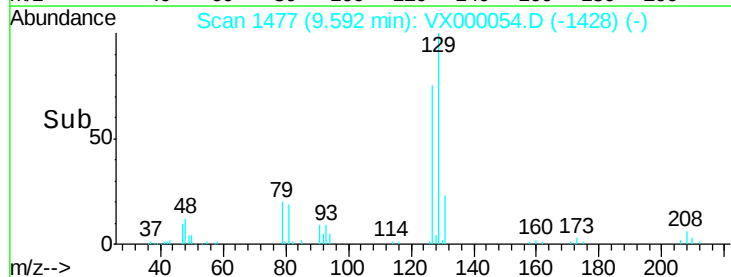
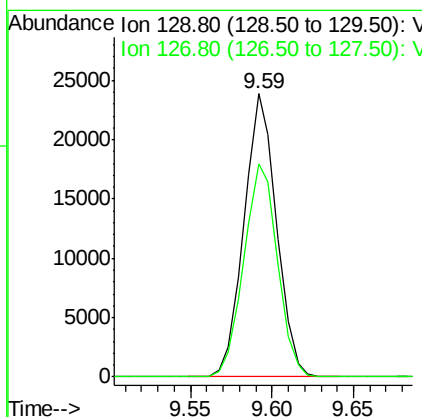
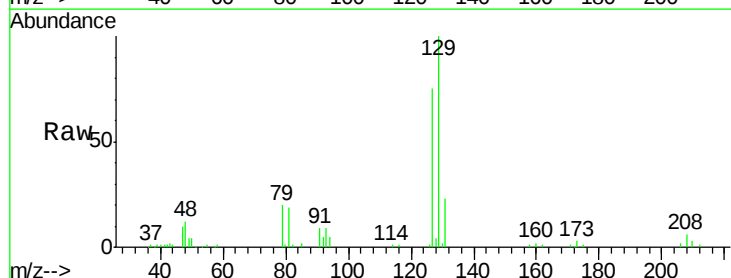
Manual Integrations
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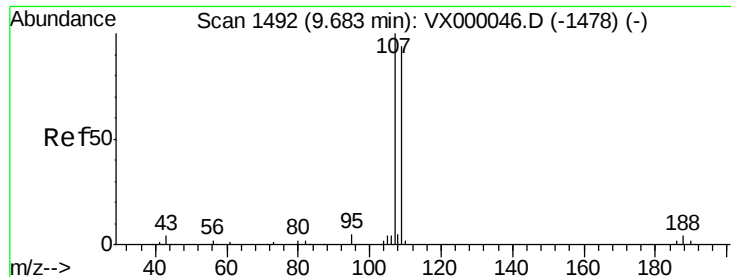
sam
2/14/2018 5:30:33 PM



#60
Dibromochloromethane
Concen: 19.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion: 129 Resp: 33113
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.36 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 107 Resp: 32363

Ion Ratio Lower Upper

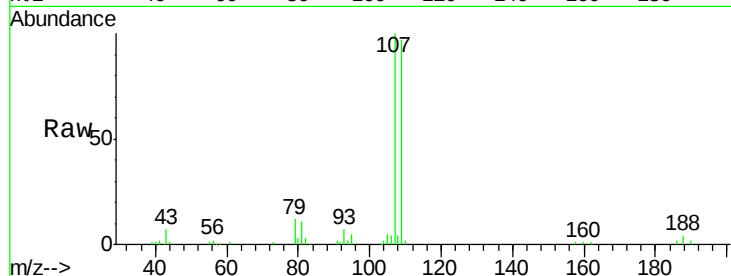
107 100

109 95.9 74.6 111.8

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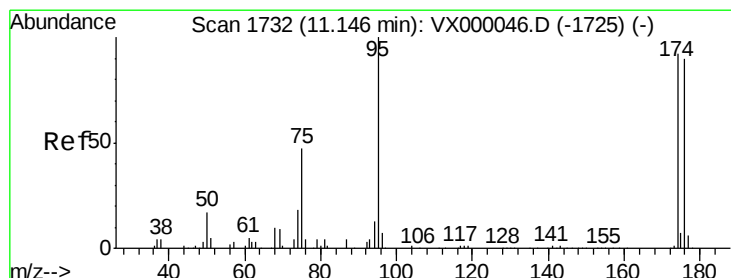
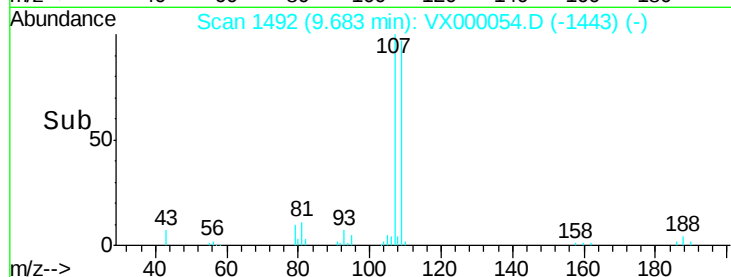
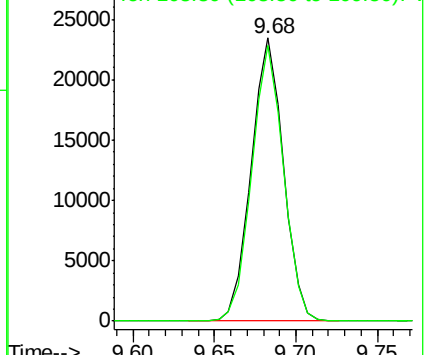
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.17 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

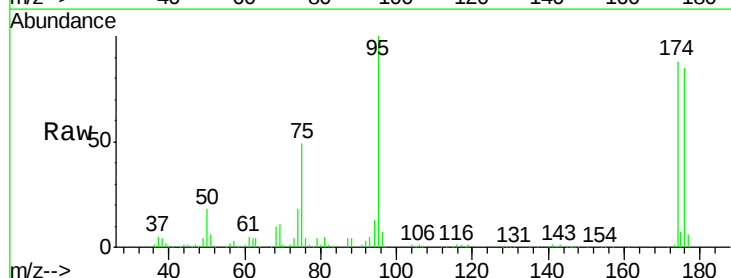
Tgt Ion: 95 Resp: 88629

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.6

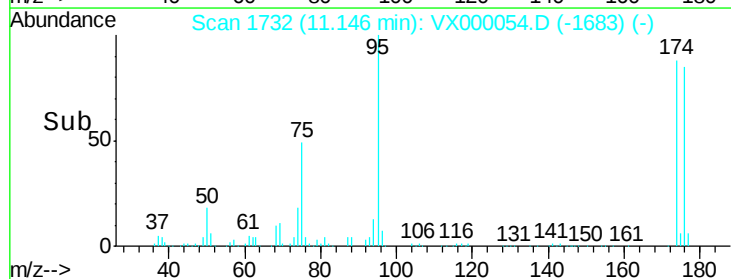
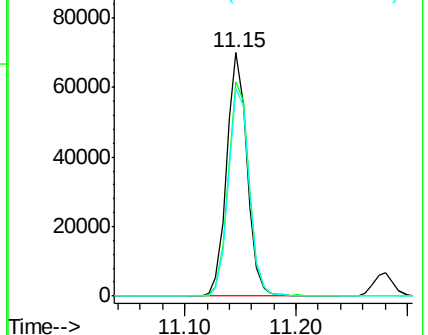
176 87.3 0.0 181.8

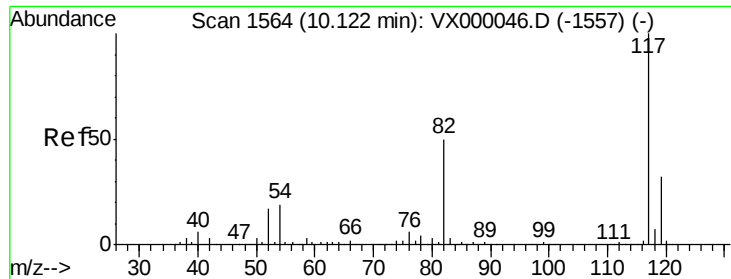


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





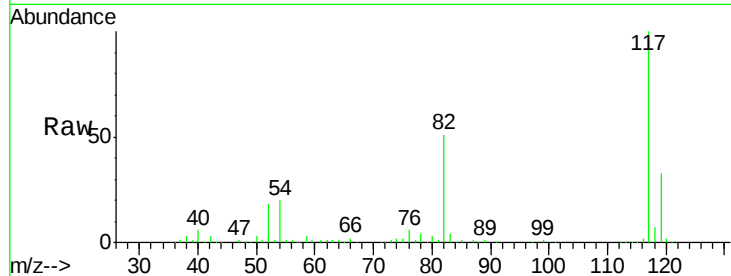
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

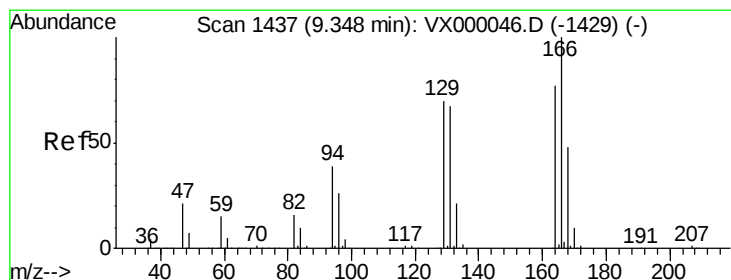
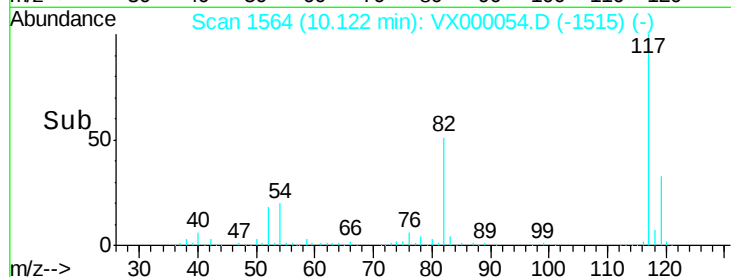
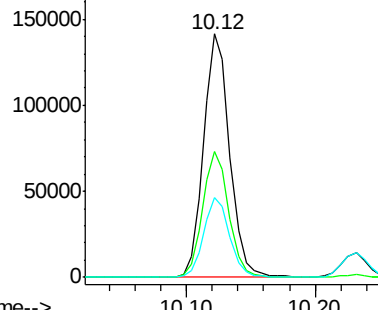
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	199550		
82	51.5	40.3	60.5	
119	32.6	25.3	37.9	

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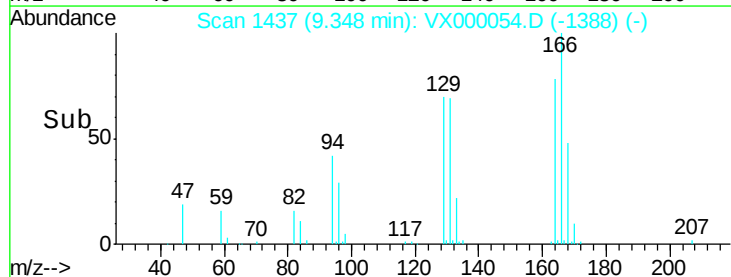
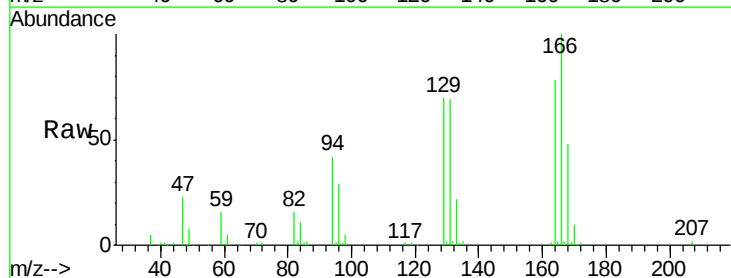
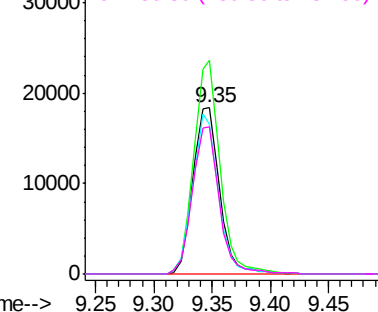
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

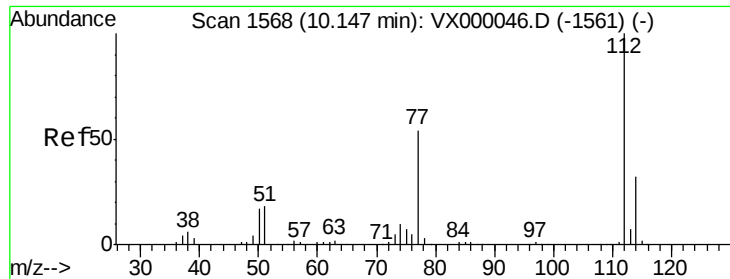


#64
Tetrachloroethene
Concen: 19.59 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	29103		
166	128.4	103.7	155.5	
129	90.2	72.2	108.4	
131	88.5	69.1	103.7	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





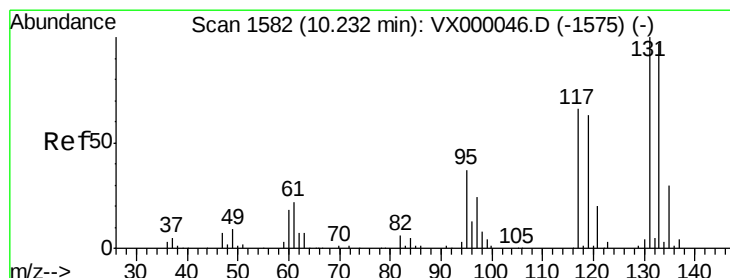
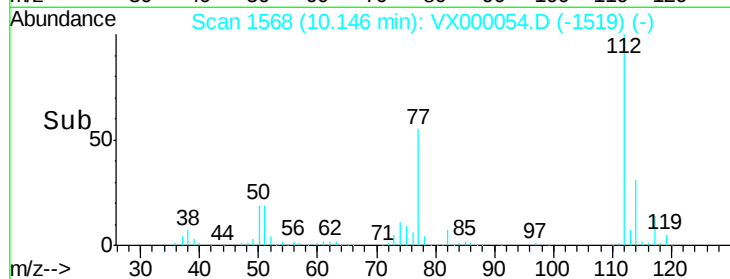
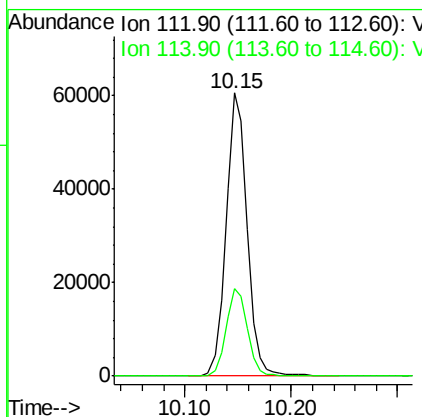
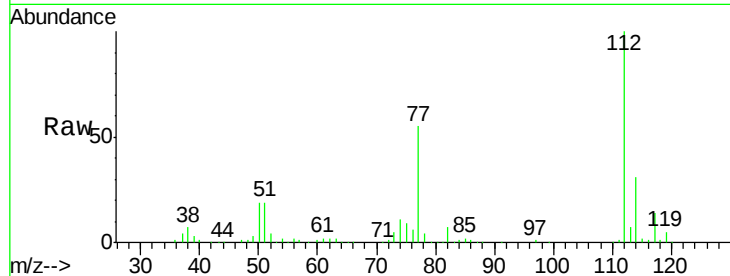
#65
Chlorobenzene
Concen: 20.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion:112 Resp: 83124
Ion Ratio Lower Upper
112 100
114 30.7 25.6 38.4

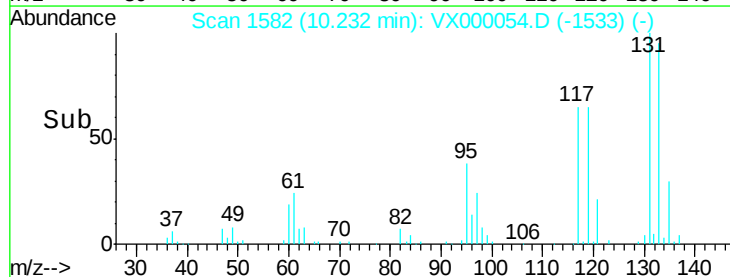
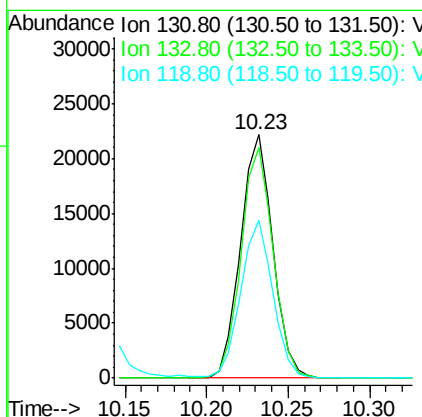
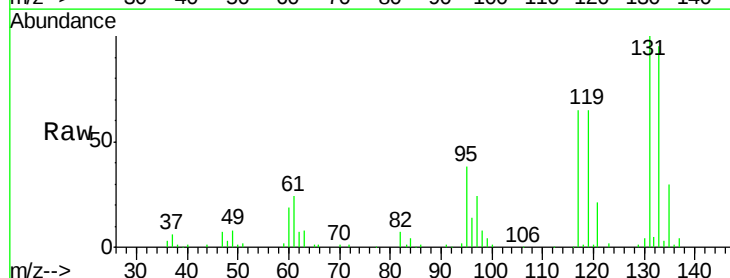
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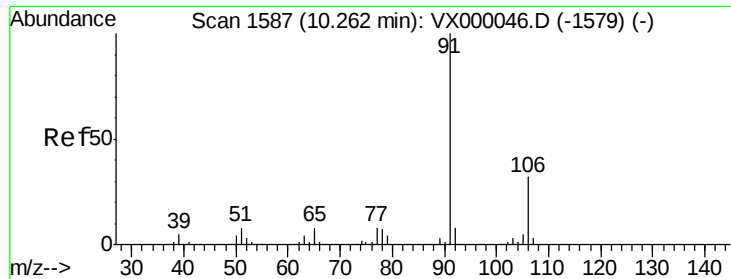
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.50 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion:131 Resp: 30573
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 65.0 31.7 95.1





#67

Ethyl Benzene

Concen: 19.99 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 91 Resp: 137426

Ion Ratio Lower Upper

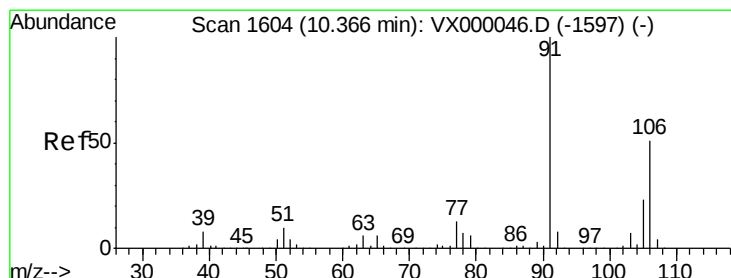
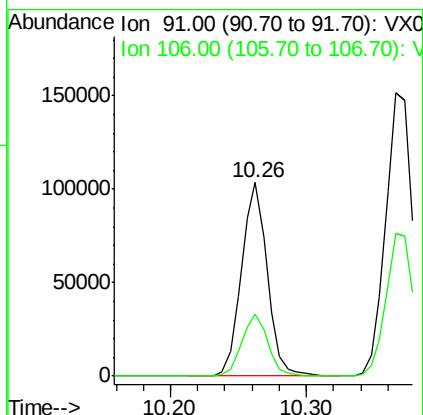
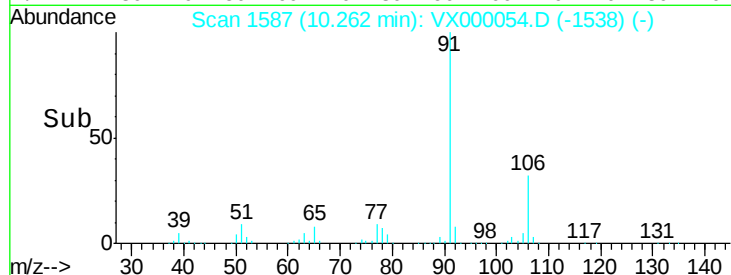
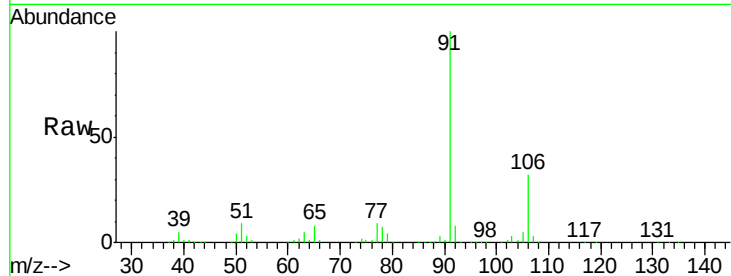
91 100

106 31.9 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.96 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000054.D

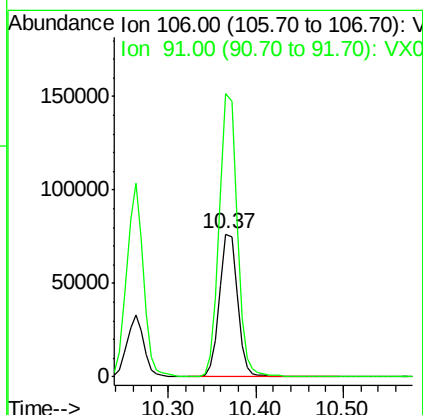
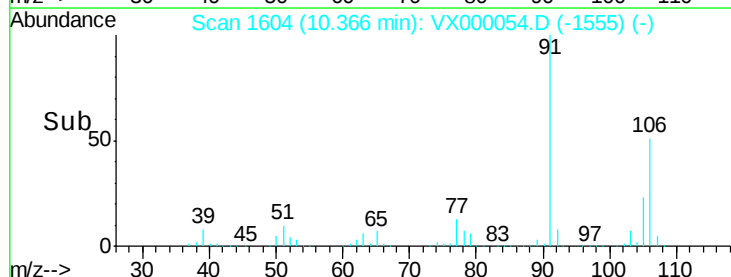
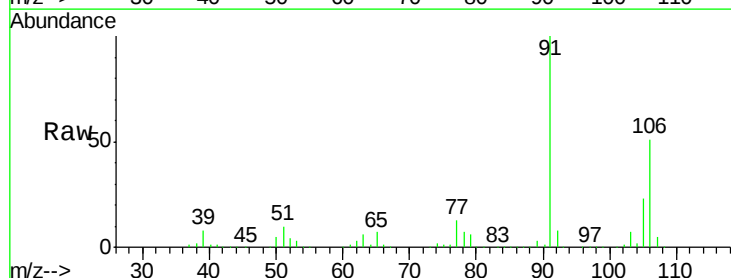
Acq: 09 Feb 2018 21:11

Tgt Ion: 106 Resp: 109428

Ion Ratio Lower Upper

106 100

91 197.8 158.3 237.5





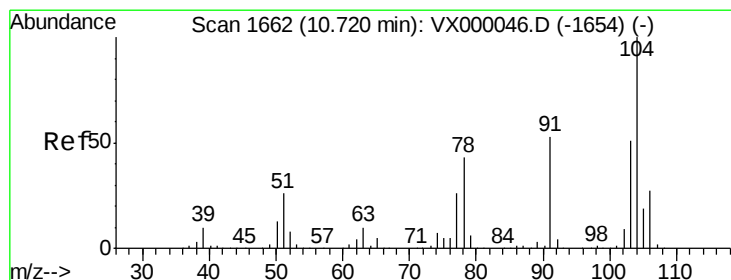
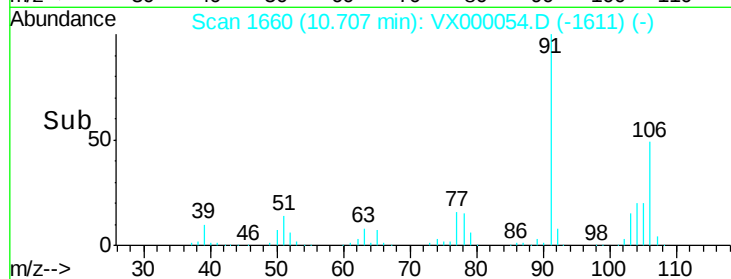
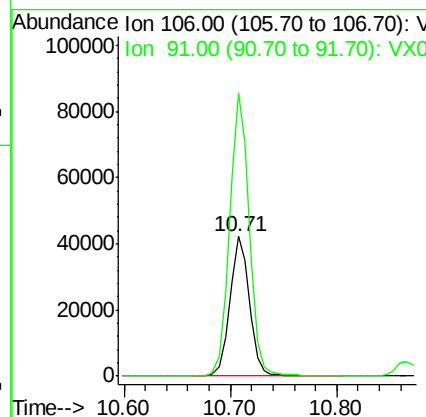
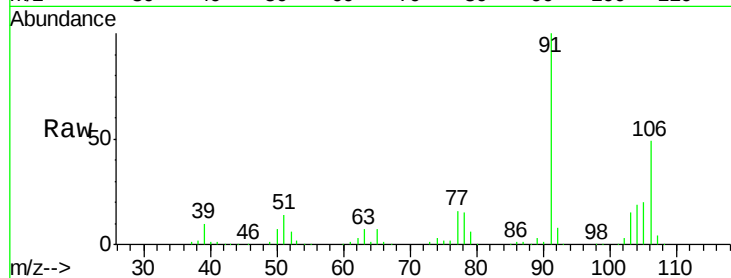
#69
o-Xylene
Concen: 20.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion:106 Resp: 54152
Ion Ratio Lower Upper
106 100
91 203.6 104.0 312.0

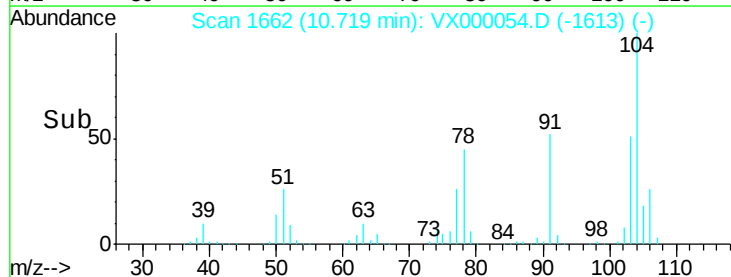
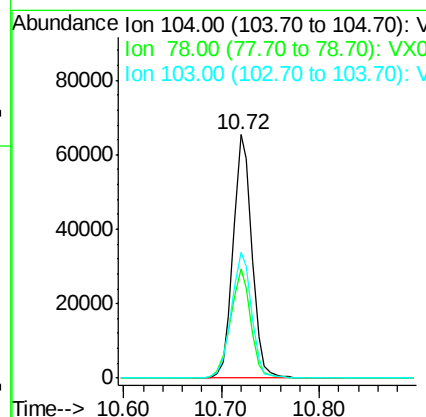
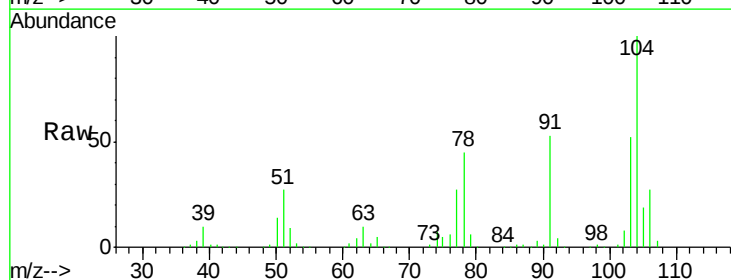
Manual Integrations
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#70
Styrene
Concen: 19.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion:104 Resp: 87288
Ion Ratio Lower Upper
104 100
78 48.6 37.7 56.5
103 55.6 44.0 66.0





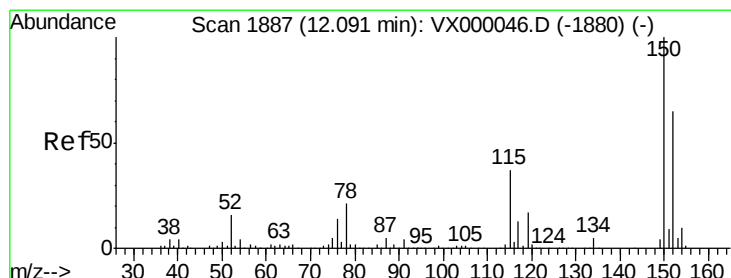
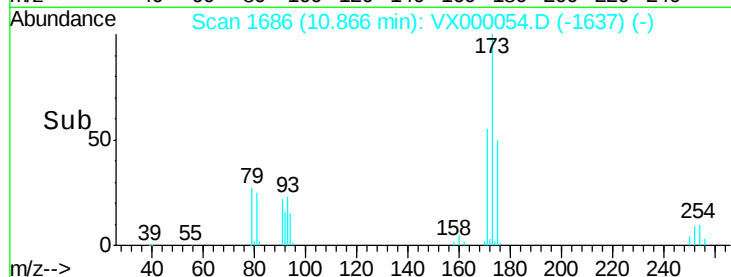
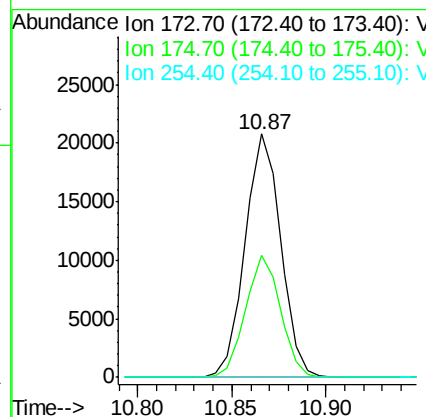
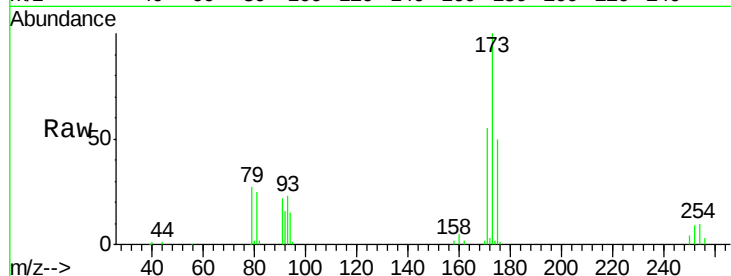
#71
Bromoform
Concen: 19.32 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

Tgt Ion:173 Resp: 27259
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.1 0.1#

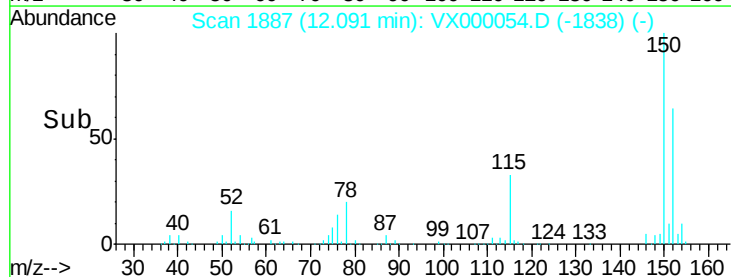
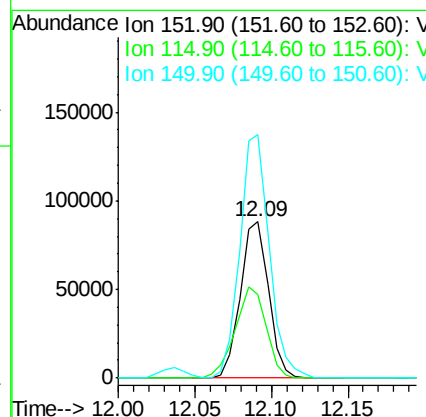
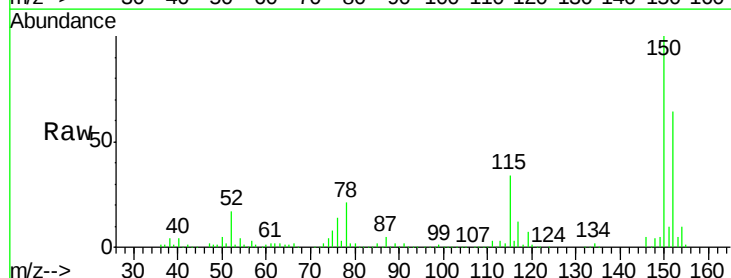
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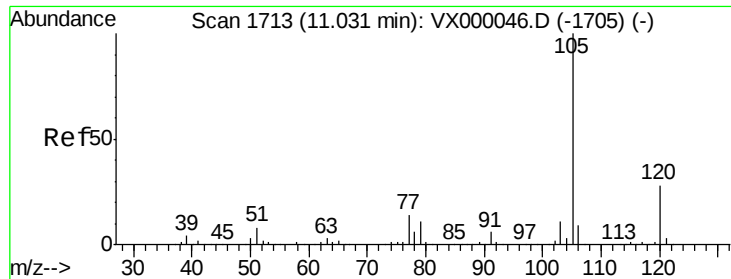
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion:152 Resp: 112429
Ion Ratio Lower Upper
152 100
115 64.2 39.3 117.8
150 163.2 0.0 349.2





#73

Isopropylbenzene

Concen: 19.88 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

VX0209WBS01

Tgt Ion: 105 Resp: 141814

Ion Ratio Lower Upper

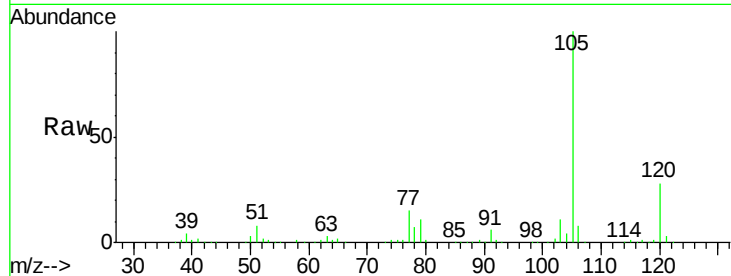
105 100

120 27.4 13.8 41.3

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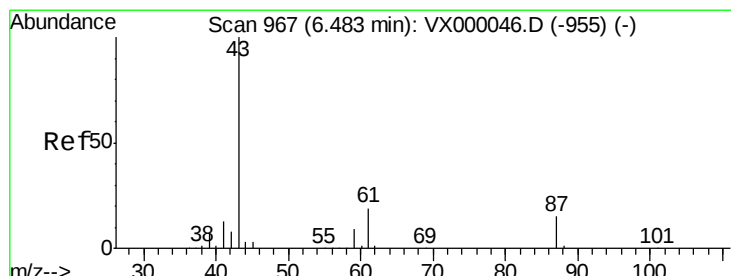
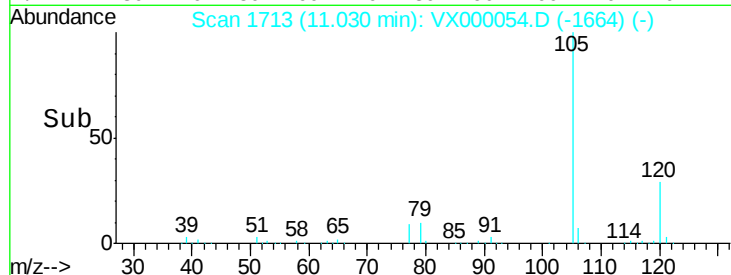
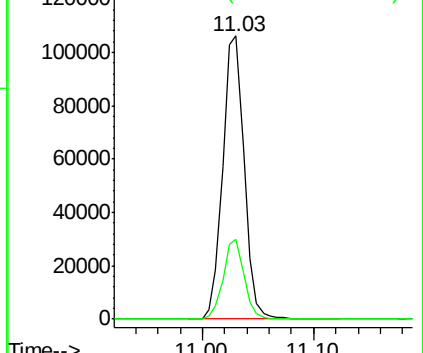
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.58 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion: 43 Resp: 69894

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

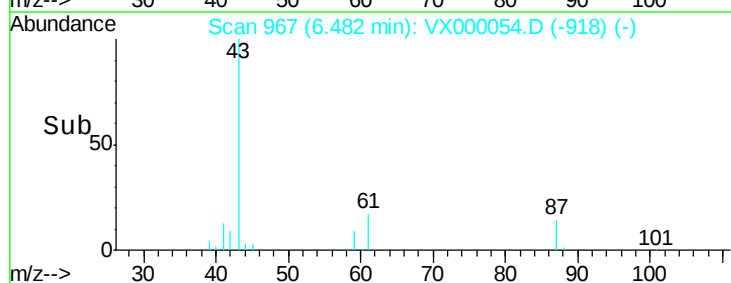
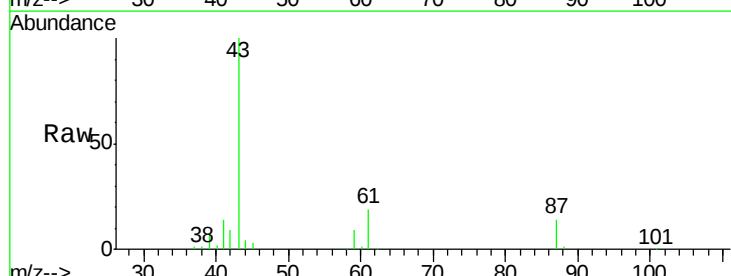
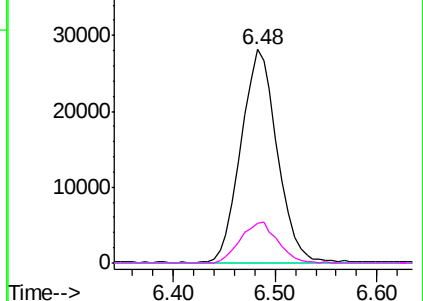
61 19.7 15.9 23.9

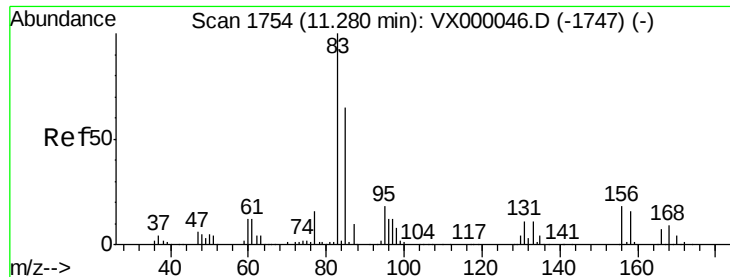
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





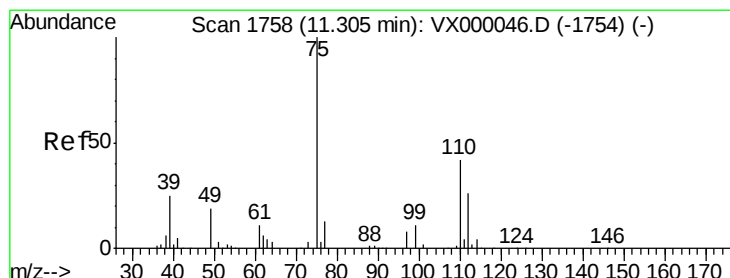
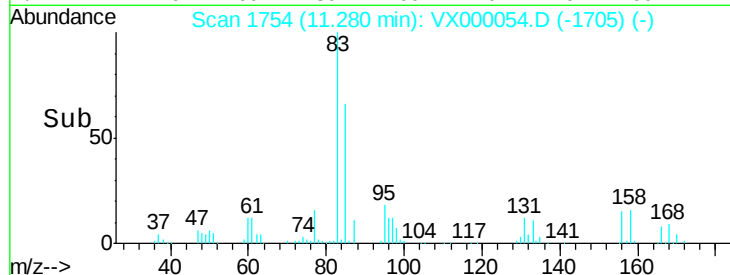
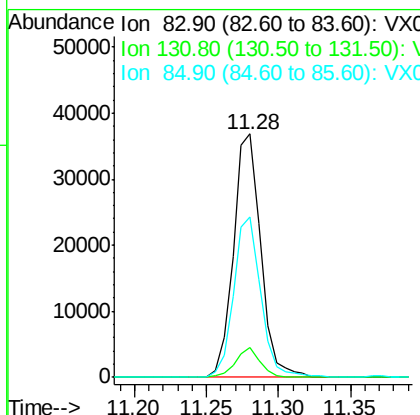
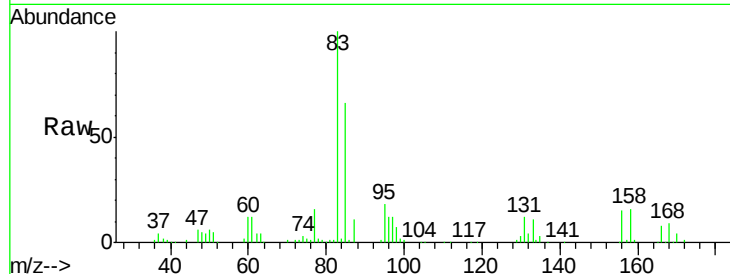
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.22 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampleId :
 VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.7
85	65.4	32.6	97.7

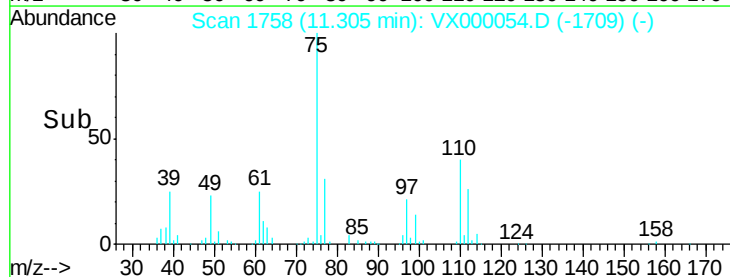
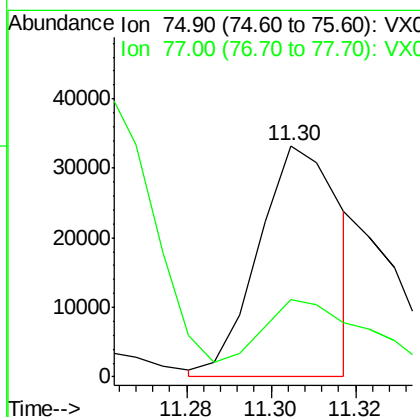
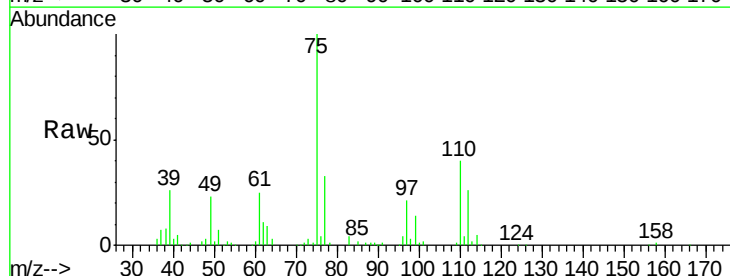
Manual Integrations
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#76
 1,2,3-Trichloropropane
 Concen: 20.92 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.4	23.7	71.1





#77

Bromobenzene

Concen: 19.50 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

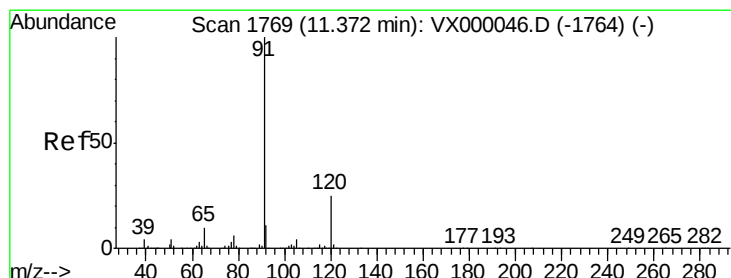
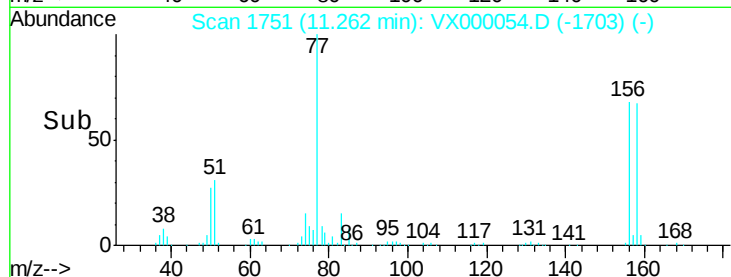
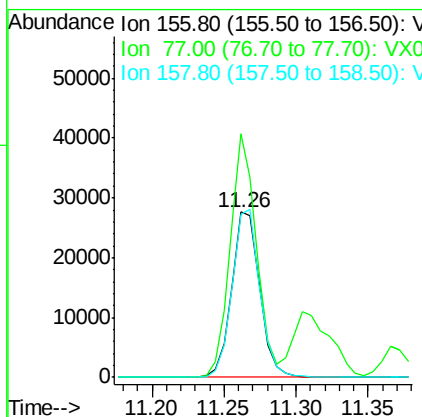
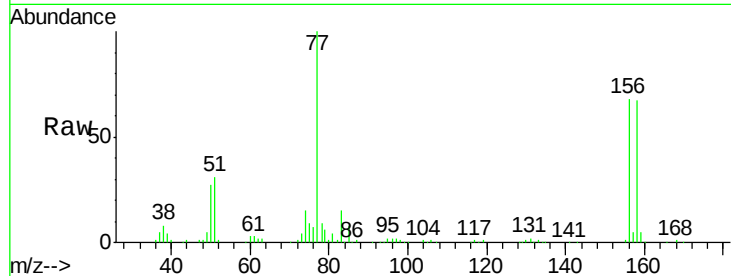
ClientSampleId :

VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	138.0	66.2	198.6
158	100.2	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.82 ug/l

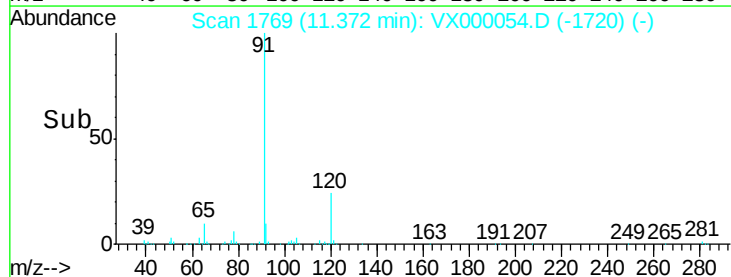
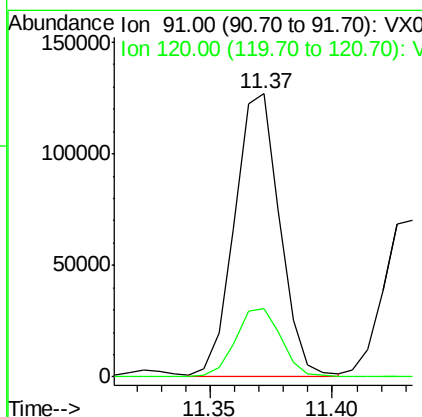
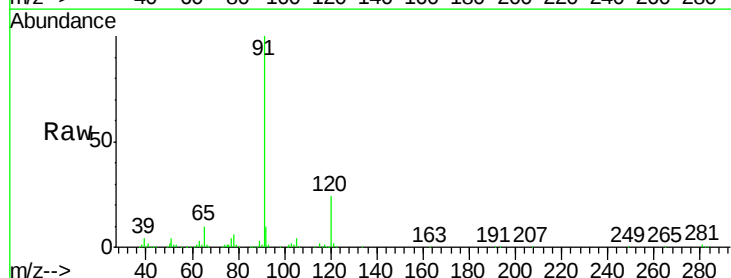
RT: 11.37 min Scan# 1769

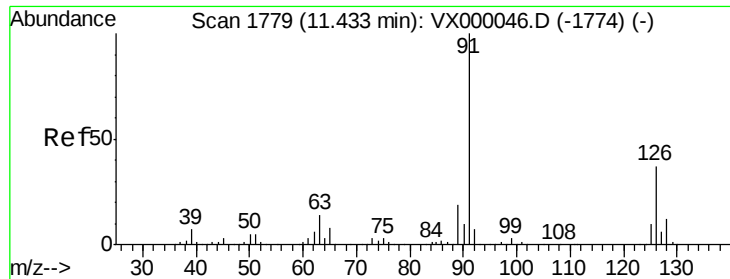
Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 19.86 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampled :

VX0209WBS01

Tgt Ion: 91 Resp: 94974

Ion Ratio Lower Upper

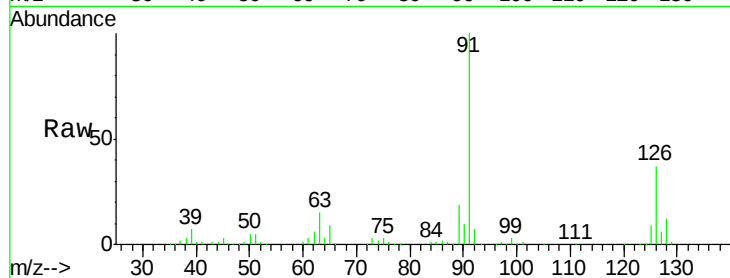
91 100

126 37.0 18.2 54.6

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

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

150000

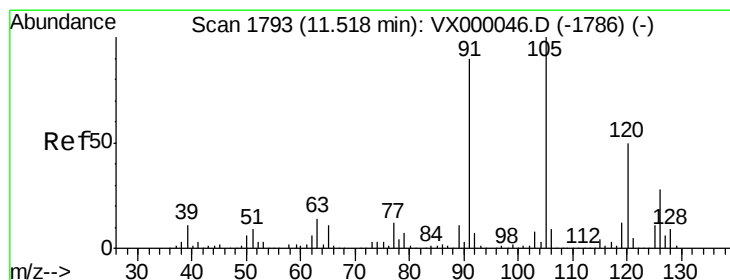
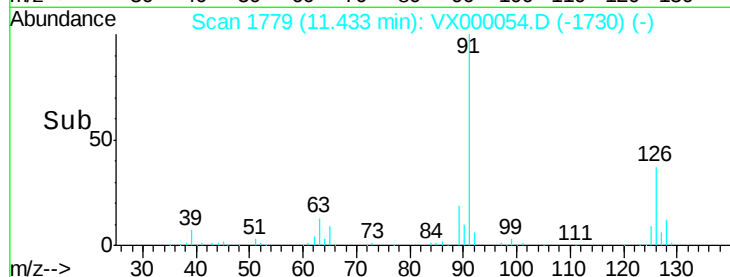
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000054.D

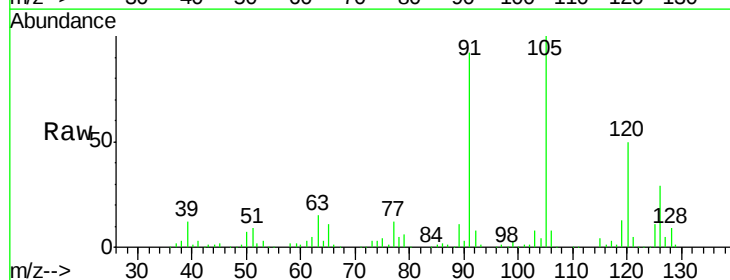
Acq: 09 Feb 2018 21:11

Tgt Ion: 105 Resp: 118251

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.3



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

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

100000

80000

60000

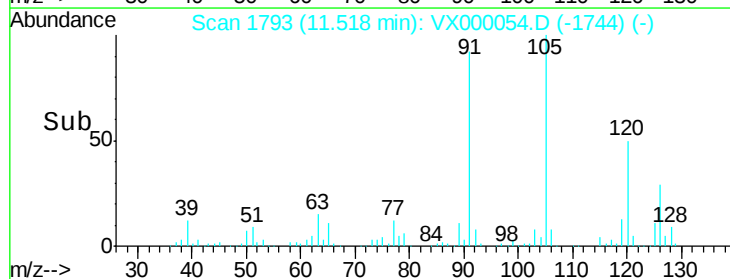
40000

20000

0

11.50 11.60

Time-->





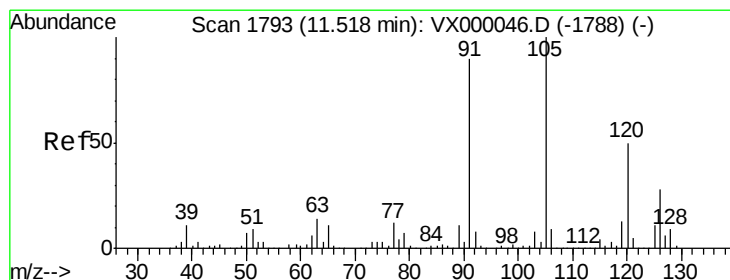
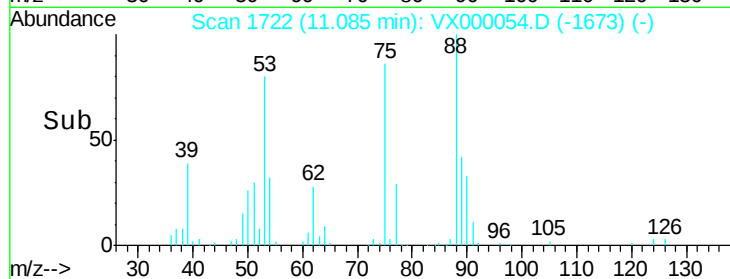
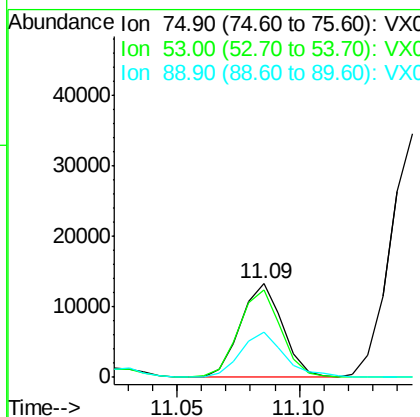
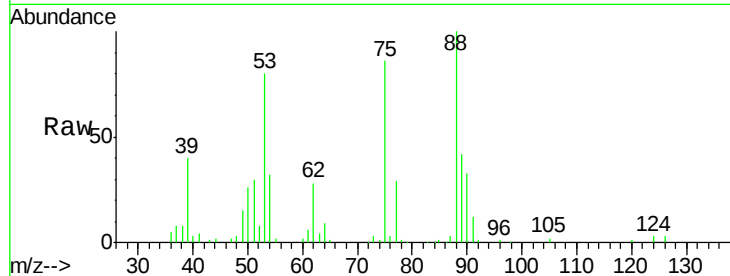
#81
trans-1,4-Dichloro-2-butene
Concen: 18.66 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.7	70.3	105.5
89	51.3	48.6	72.8

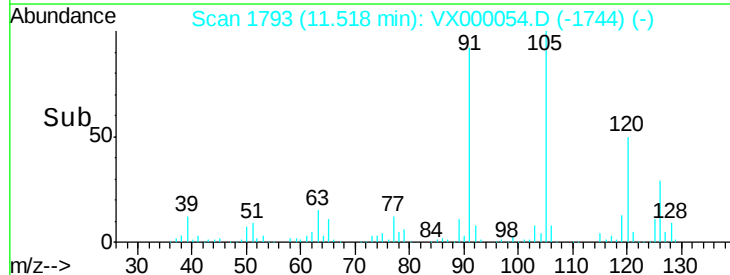
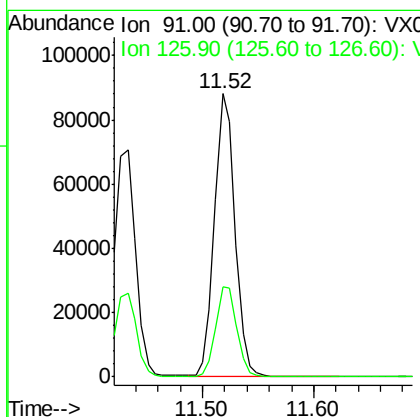
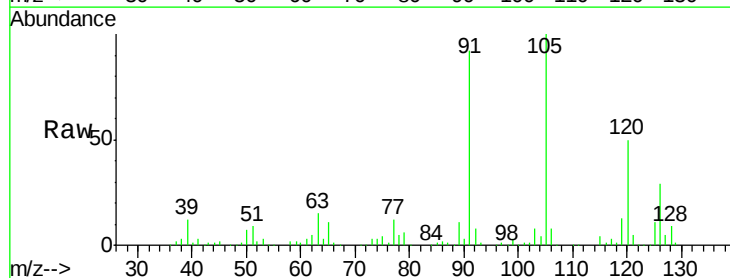
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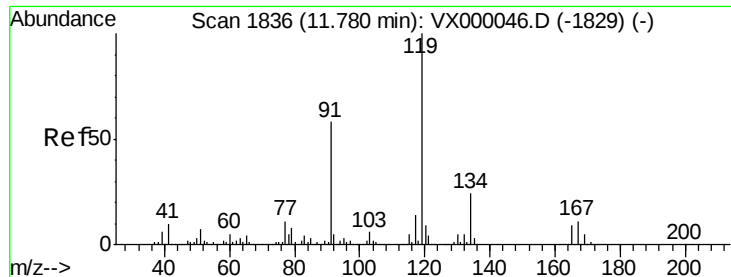
sam
2/14/2018 5:30:33 PM



#82
4-Chlorotoluene
Concen: 19.82 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.8





#83

tert-Butylbenzene

Concen: 20.00 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

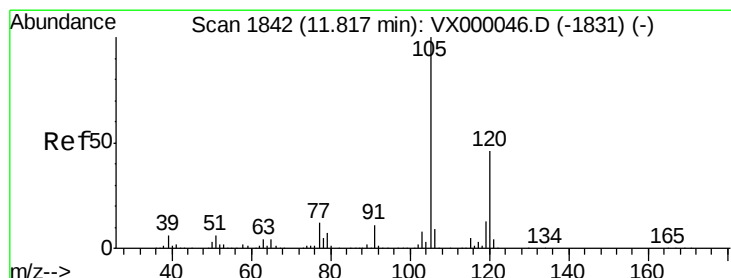
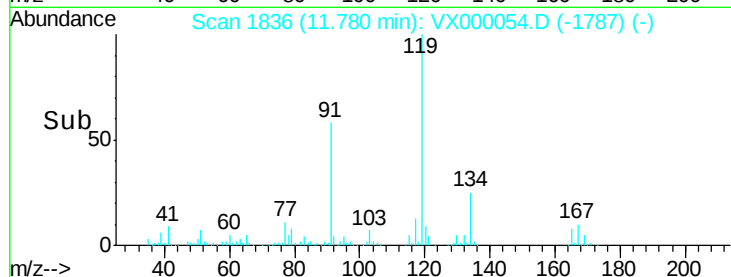
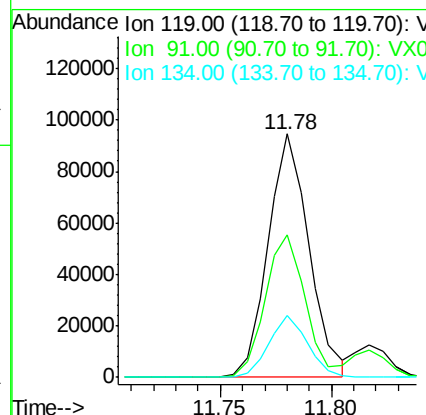
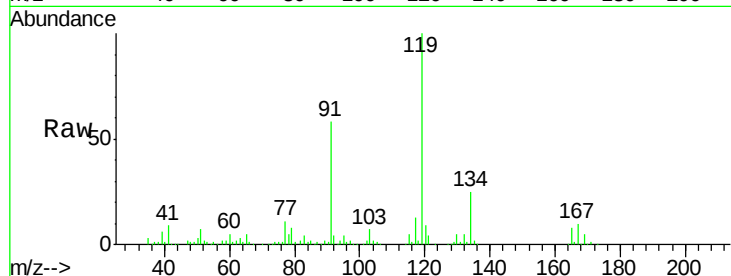
ClientSampleId :

VX0209WBS01

Tgt Ion:	119	Resp:	120772
Ion Ratio	Lower	Upper	
119	100		
91	58.0	27.9	83.7
134	24.0	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.00 ug/l

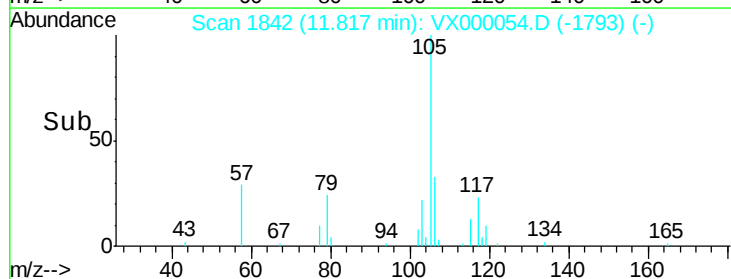
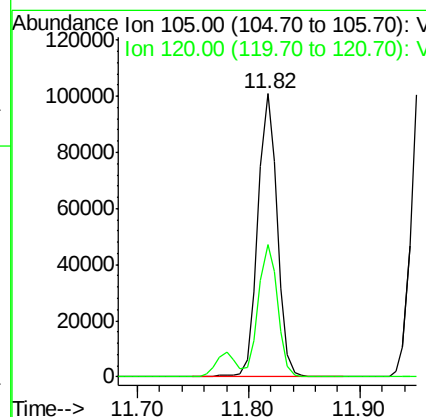
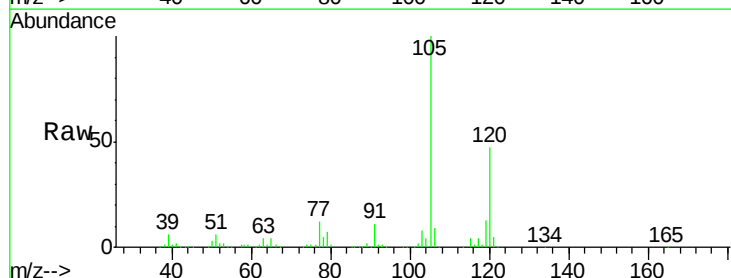
RT: 11.82 min Scan# 1842

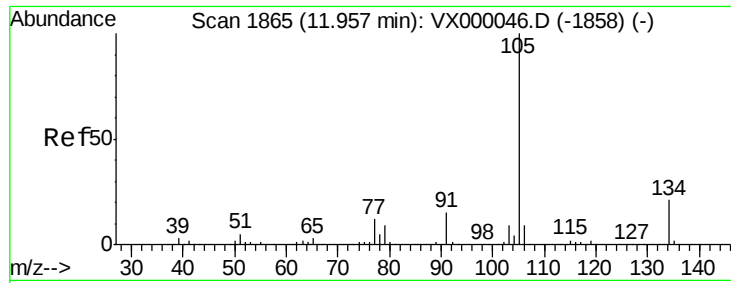
Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	105	Resp:	122353
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.4	70.2





#85

sec-Butylbenzene

Concen: 19.95 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

ClientSampleId :

VX0209WBS01

Tgt Ion:105 Resp: 148212

Ion Ratio Lower Upper

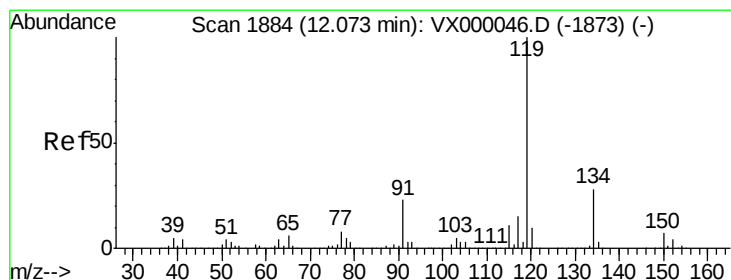
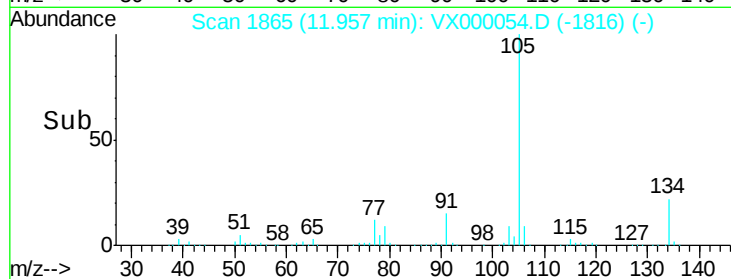
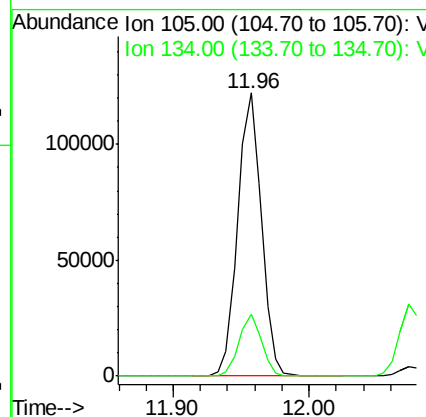
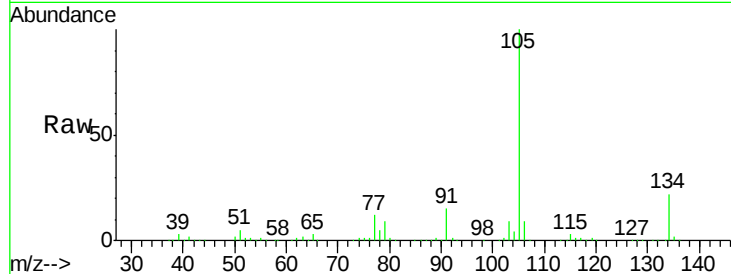
105 100

134 21.1 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.79 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

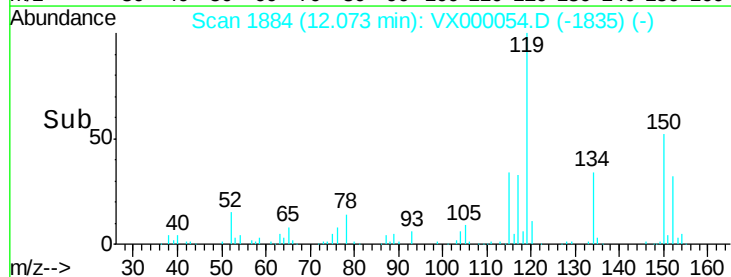
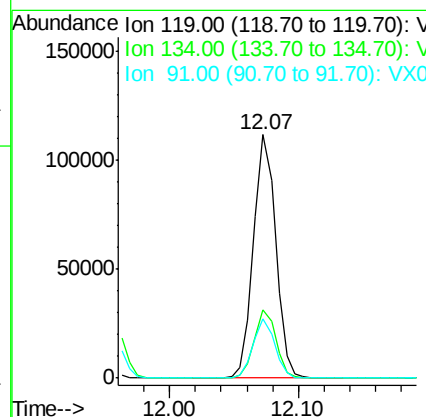
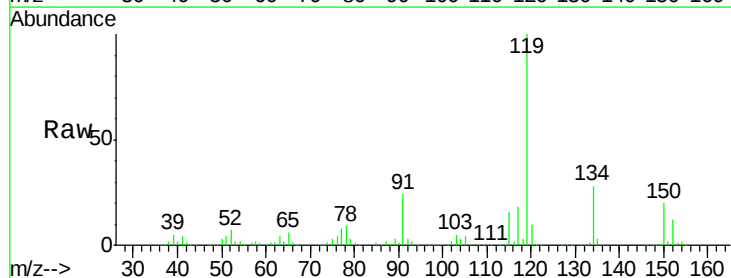
Tgt Ion:119 Resp: 132242

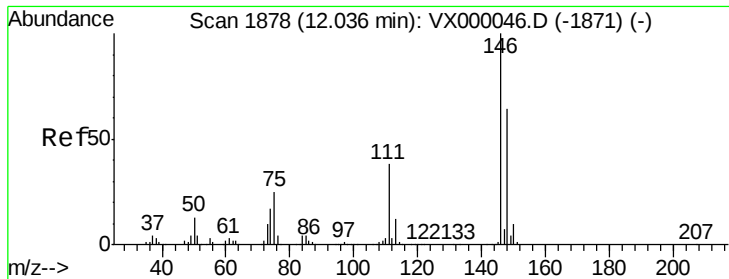
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 23.8 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 19.91 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Instrument :

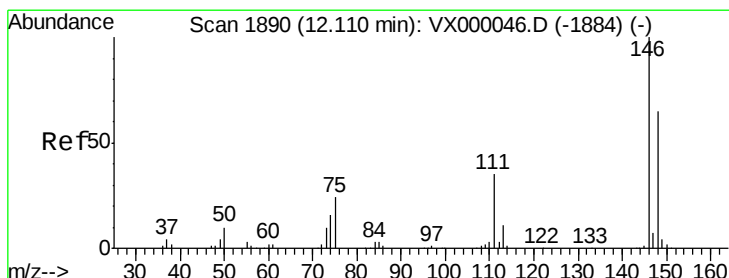
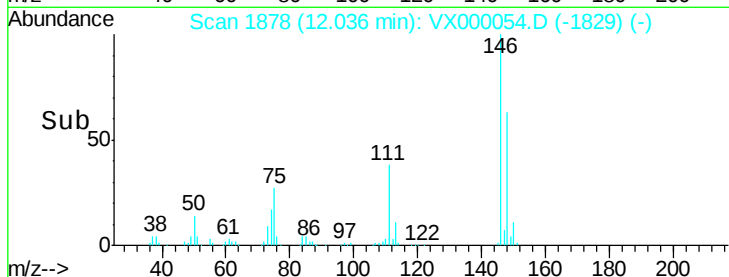
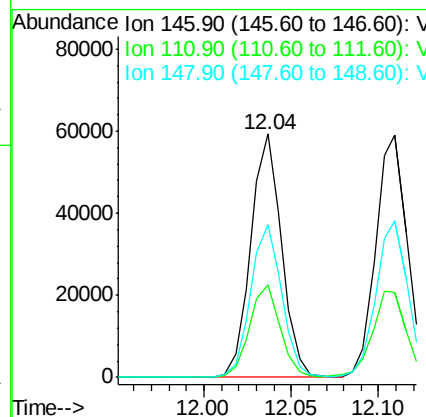
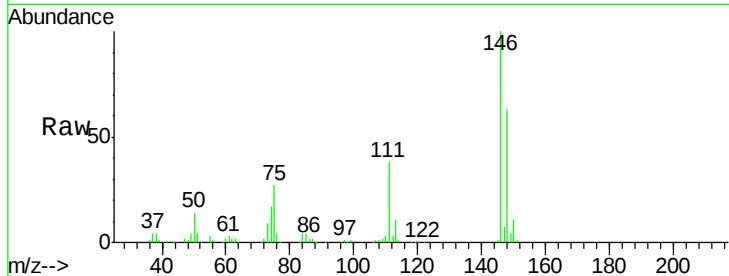
ClientSampled :

VX0209WBS01

Tgt Ion:	146	Resp:	72602
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.9
148	63.5	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.77 ug/l

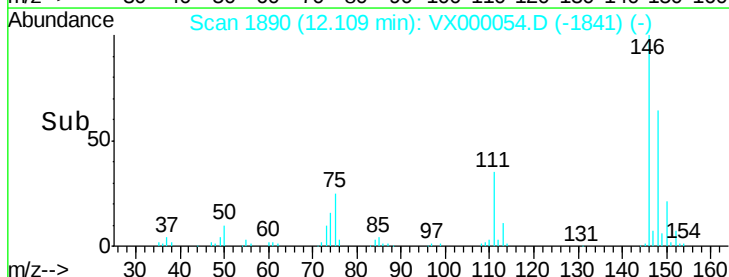
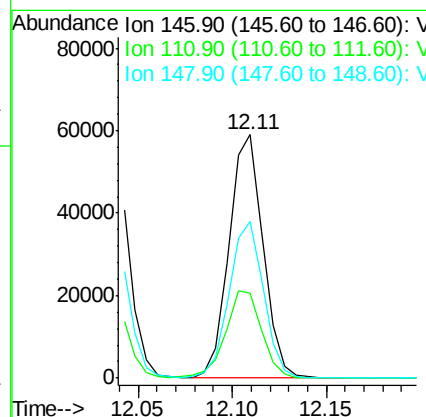
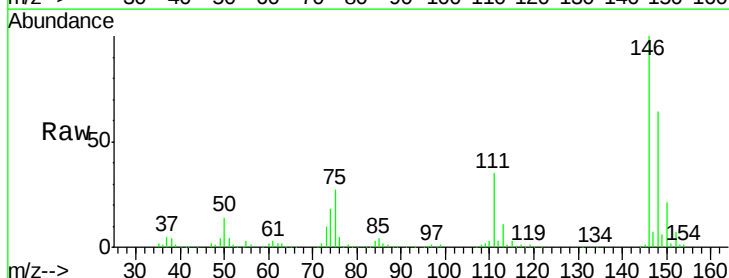
RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000054.D

Acq: 09 Feb 2018 21:11

Tgt Ion:	146	Resp:	73785
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.7	56.1
148	65.2	32.1	96.5





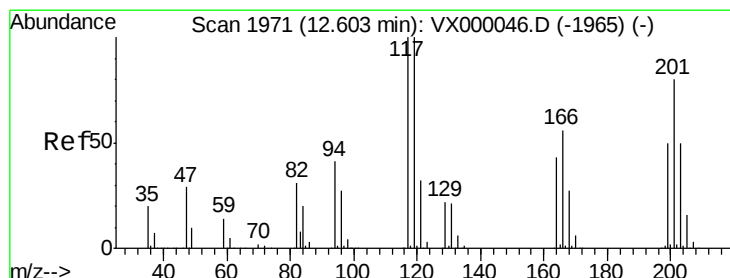
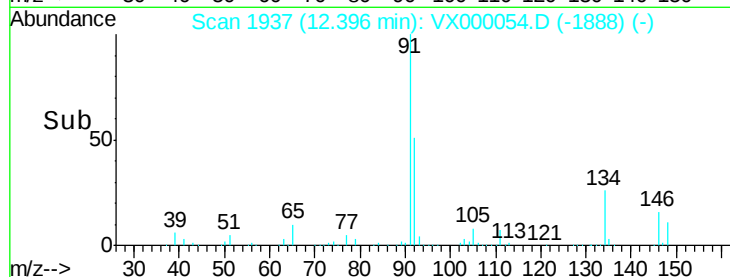
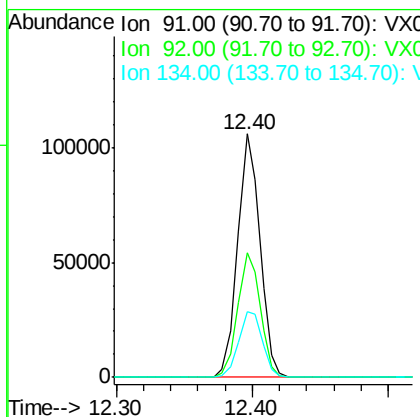
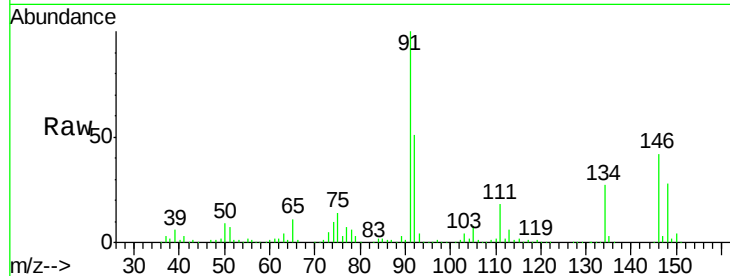
#89
n-Butylbenzene
Concen: 19.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampleId :
VX0209WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.2
134	28.6	14.1	42.2

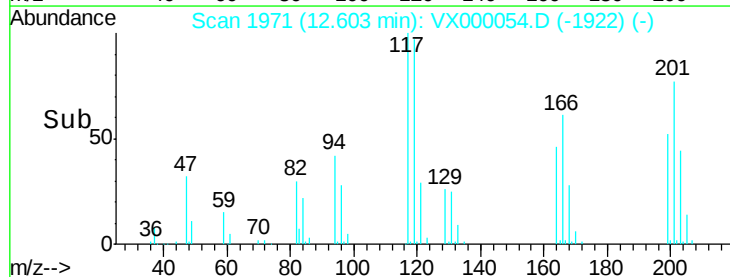
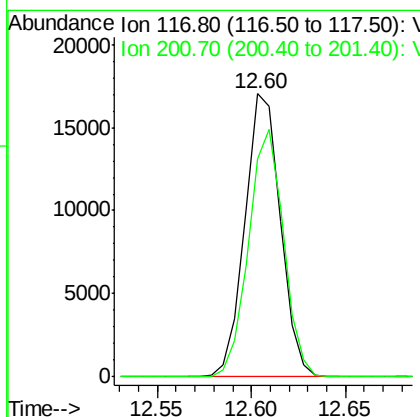
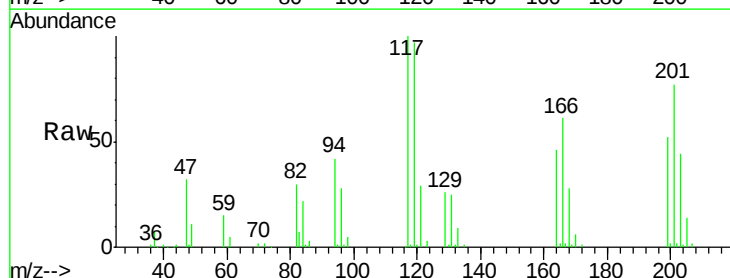
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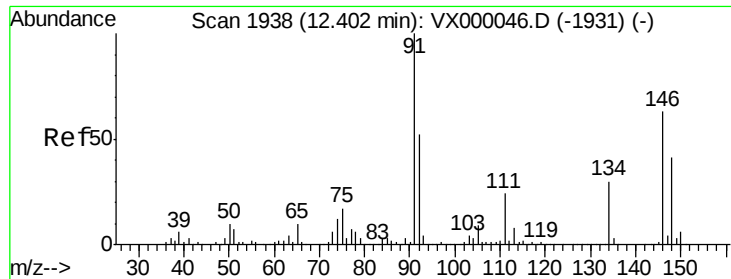
sam
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#90
Hexachloroethane
Concen: 19.08 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

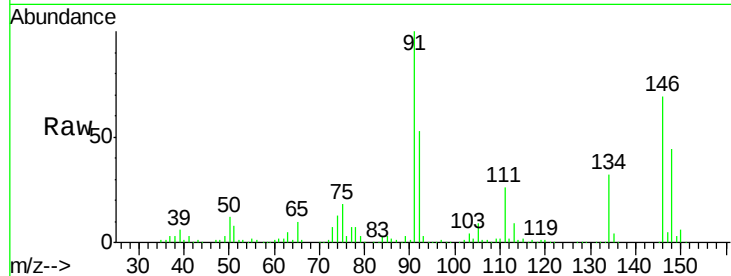
Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.5	130.7





#91
 1,2-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

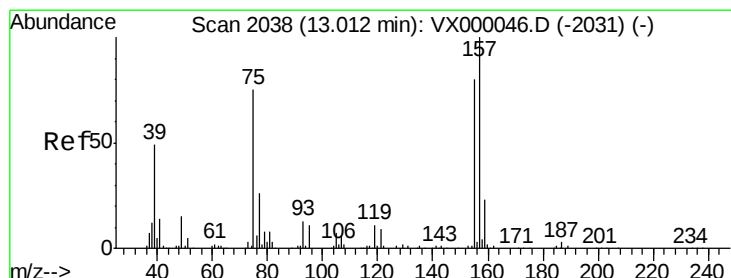
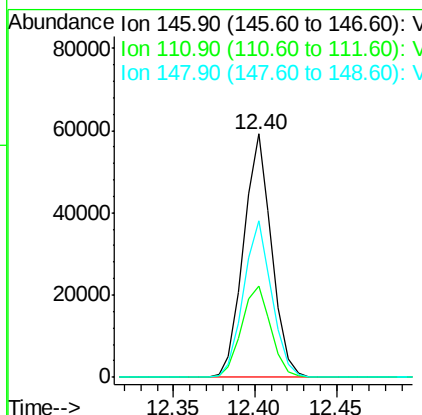
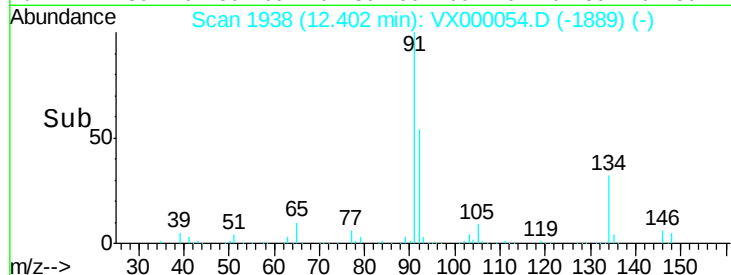
Instrument :
 ClientSampleId :
 VX0209WBS01



Tgt Ion: 146 Resp: 70808
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 64.7 32.0 96.2

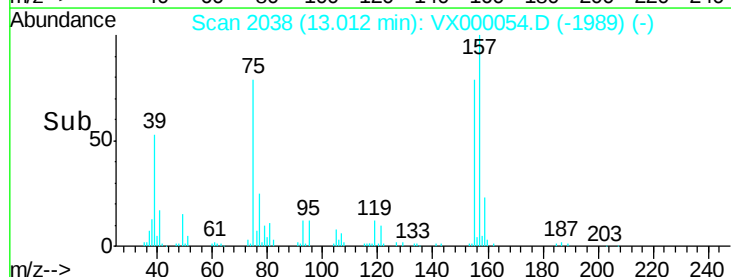
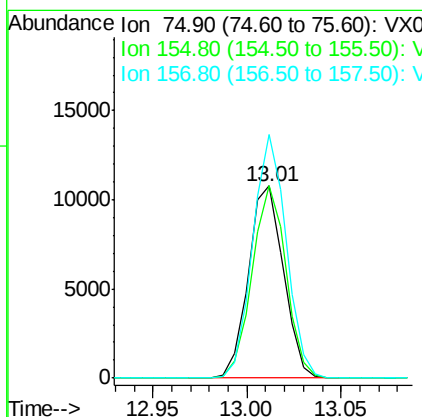
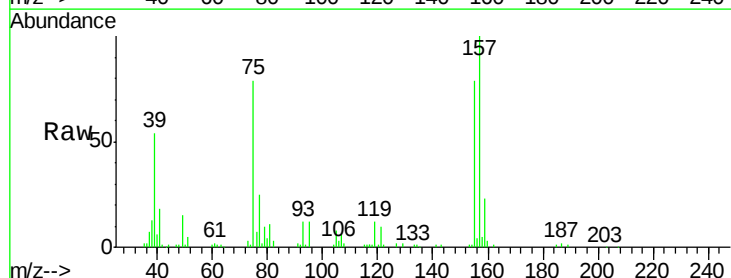
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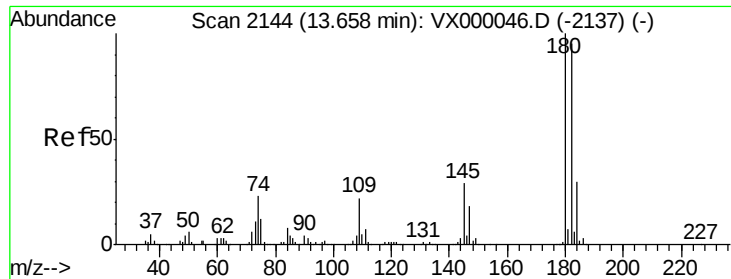
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.95 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion: 75 Resp: 13866
 Ion Ratio Lower Upper
 75 100
 155 96.6 52.0 156.0
 157 120.9 65.3 195.9





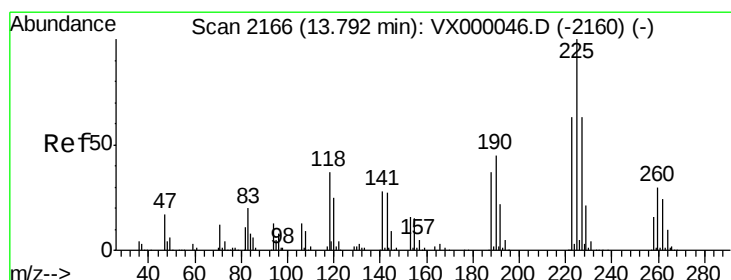
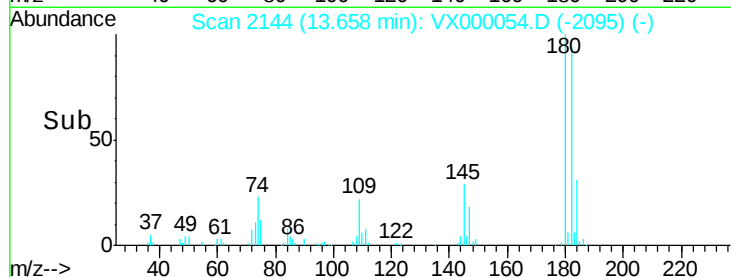
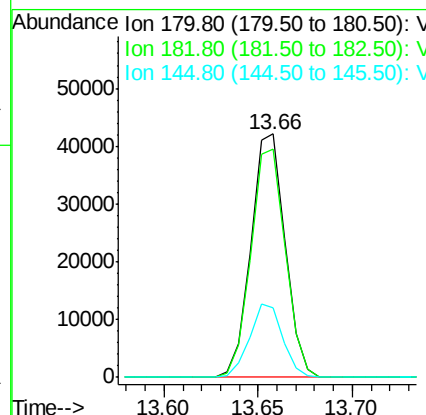
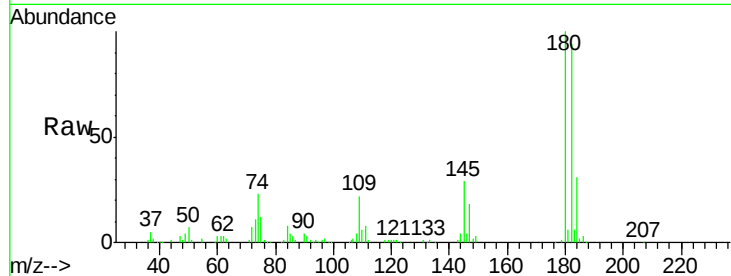
#93
 1,2,4-Trichlorobenzene
 Concen: 19.35 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Instrument :
 ClientSampled :
 VX0209WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52819		
182	94.8	48.0	144.0	
145	29.4	14.7	44.1	

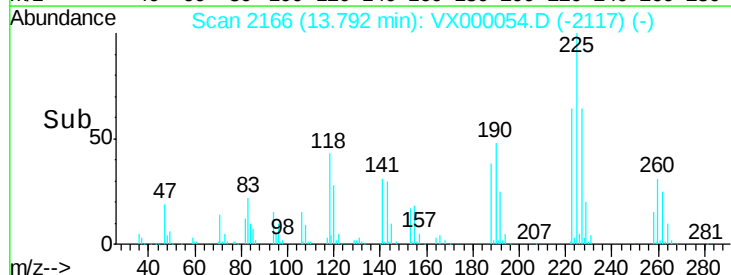
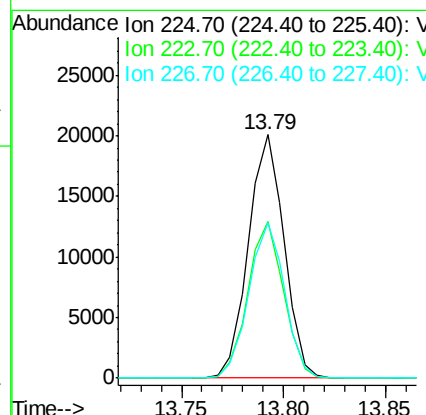
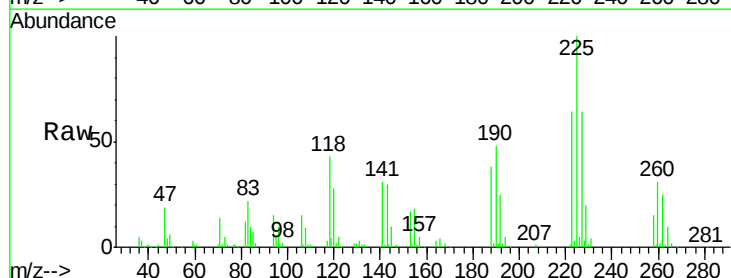
Manual Integrations
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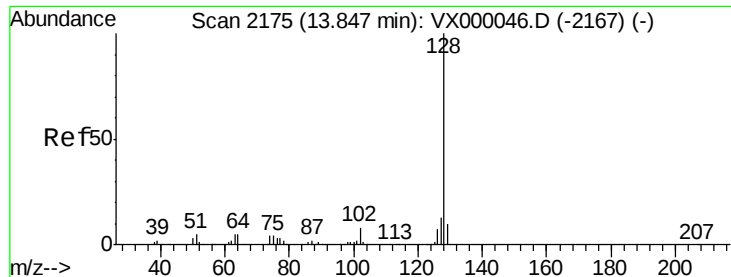
sam
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#94
 Hexachlorobutadiene
 Concen: 19.00 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000054.D
 Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24458		
223	64.3	31.9	95.5	
227	64.1	31.6	95.0	





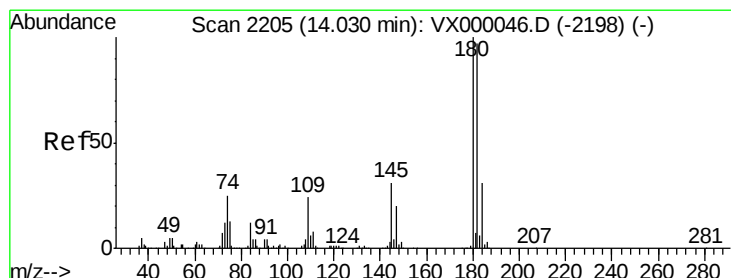
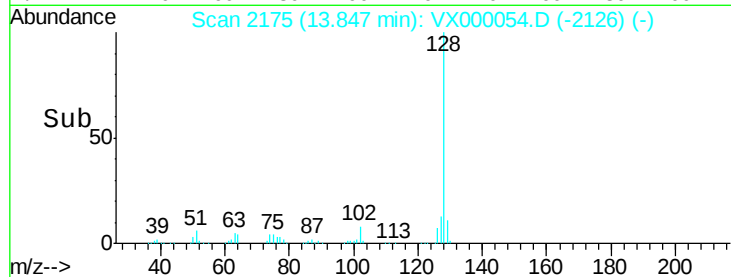
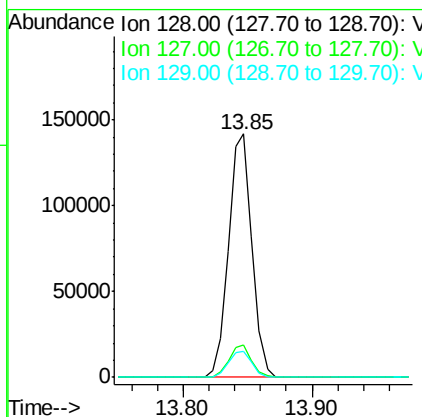
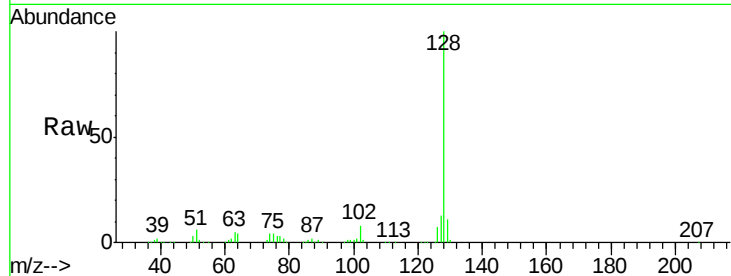
#95
Naphthalene
Concen: 20.33 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Instrument :
ClientSampled :
VX0209WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	180308		
127	12.9	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

sam
2/14/2018 5:30:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.57 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000054.D
Acq: 09 Feb 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51981		
182	96.9	47.9	143.7	
145	32.1	15.7	47.0	

