

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001251.D
 Acq On : 29 Apr 2018 08:08
 Operator : JC/MD
 Sample : J2600-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Manual Integrations
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 5/1/2018 7:45:09 PM

Quant Time: Apr 30 03:58:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	123312	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	5.51	113	102482	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	385926	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	146153	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87895	46.23	ug/l	99
3) Chloromethane	1.32	50	88201	44.30	ug/l	99
4) Vinyl Chloride	1.41	62	100677	47.66	ug/l	99
5) Bromomethane	1.64	94	81701	63.85	ug/l	98
6) Chloroethane	1.73	64	65057	48.93	ug/l	98
7) Trichlorofluoromethane	1.93	101	174093	51.03	ug/l	97
8) Diethyl Ether	2.19	74	62850	47.91	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93495	49.74	ug/l	100
10) Methyl Iodide	2.51	142	86043	44.89	ug/l	98
11) Tert butyl alcohol	3.07	59	113420	204.66	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90115	49.15	ug/l	98
13) Acrolein	2.30	56	39138	186.82	ug/l	97
14) Allyl chloride	2.73	41	157404	47.07	ug/l	97
15) Acrylonitrile	3.15	53	261569	221.03	ug/l	99
16) Acetone	2.45	43	240917	208.47	ug/l	100
17) Carbon Disulfide	2.57	76	216949	46.38	ug/l	99
18) Methyl Acetate	2.78	43	117434	40.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	324472	48.08	ug/l	98
20) Methylene Chloride	2.86	84	101551	47.18	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	99802	49.25	ug/l	97
22) Diisopropyl ether	3.88	45	310096	46.34	ug/l	96
23) Vinyl Acetate	3.83	43	1100234	193.81	ug/l	100
24) 1,1-Dichloroethane	3.70	63	166414	47.32	ug/l	98
25) 2-Butanone	4.71	43	350114	202.48	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79024	28.55	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	109426	49.31	ug/l	93
28) Bromochloromethane	5.03	49	79676	50.53	ug/l	95
29) Tetrahydrofuran	5.17	42	231243	208.00	ug/l	99
30) Chloroform	5.23	83	187032	50.01	ug/l	99
31) Cyclohexane	5.59	56	143619	48.07	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	162850	50.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	135446	49.64	ug/l	99
37) Ethyl Acetate	4.87	43	119987	36.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	145522	52.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	143223	47.43	ug/l	99
40) Benzene	6.15	78	401748	50.90	ug/l	100
41) Methacrylonitrile	5.07	41	82221	44.78	ug/l	98
42) 1,2-Dichloroethane	6.21	62	154929	48.71	ug/l	99
43) Isopropyl Acetate	6.48	43	210914	41.10	ug/l	99
44) Trichloroethene	7.22	130	121885	51.83	ug/l	97
45) 1,2-Dichloropropane	7.53	63	103817	50.01	ug/l	100
46) Dibromomethane	7.67	93	73904	51.41	ug/l	97
47) Bromodichloromethane	7.91	83	137119	52.50	ug/l	99
48) Methyl methacrylate	7.79	41	124942	45.80	ug/l	98
49) 1,4-Dioxane	7.76	88	45571	834.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	774110	229.64	ug/l	98
52) Toluene	8.79	92	267493	51.82	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	145793	48.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	137841	42.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	110094	50.41	ug/l	98
56) Ethyl methacrylate	9.19	69	157658	48.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	177940	50.37	ug/l	99
59) 2-Hexanone	9.51	43	587624	222.48	ug/l	100
60) Dibromochloromethane	9.59	129	120370	47.37	ug/l	100
61) 1,2-Dibromoethane	9.68	107	118242	51.68	ug/l	100
64) Tetrachloroethene	9.34	164	135916	52.48	ug/l	98
65) Chlorobenzene	10.15	112	317297	49.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	116975	53.19	ug/l	99
67) Ethyl Benzene	10.26	91	522253	50.57	ug/l	99
68) m/p-Xylenes	10.37	106	417036	102.14	ug/l	100
69) o-Xylene	10.70	106	202498	51.13	ug/l	99
70) Stvrene	10.72	104	335478	50.90	ug/l	100
71) Bromoform	10.86	173	97817	43.05	ug/l	99
73) Isopropylbenzene	11.02	105	538795	49.31	ug/l	100
74) N-amyl acetate	6.48	43	210914	38.30	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	167525	46.21	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	153668m	45.01	ug/l	
77) Bromobenzene	11.26	156	160660	49.58	ug/l	98
78) n-propylbenzene	11.37	91	598339	49.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	371227	49.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	459342	49.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33147	32.84	ug/l	95
82) 4-Chlorotoluene	11.52	91	441822	49.21	ug/l	99
83) tert-Butylbenzene	11.77	119	462194	50.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	478537	50.32	ug/l	99
85) sec-Butylbenzene	11.95	105	531602	49.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	495855	49.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	287179	49.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295195	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	406213	46.78	ug/l	99
90) Hexachloroethane	12.60	117	72902	45.36	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	291698	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34516	43.14	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	214439	46.52	ug/l	99

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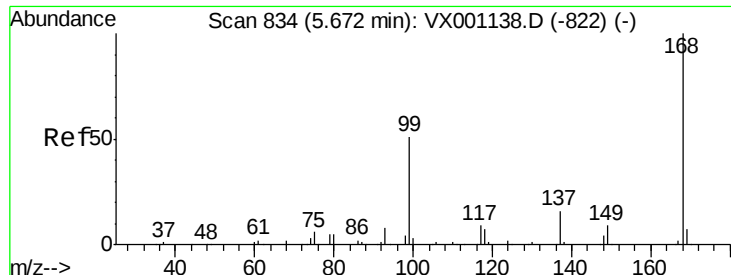
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	93473	43.14	ug/l	100
95) Naphthalene	13.84	128	609548	47.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	216999	47.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:168 Resp: 181291

Ion Ratio Lower Upper

168 100

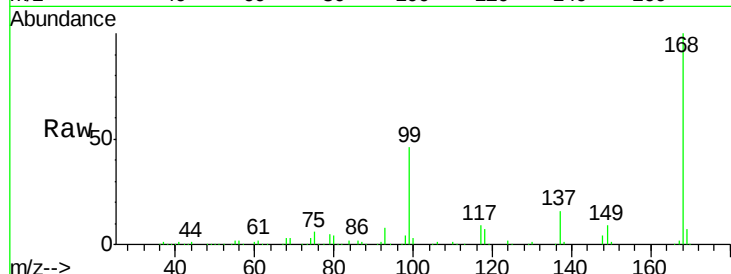
99 46.1 40.6 60.8

Manual Integrations

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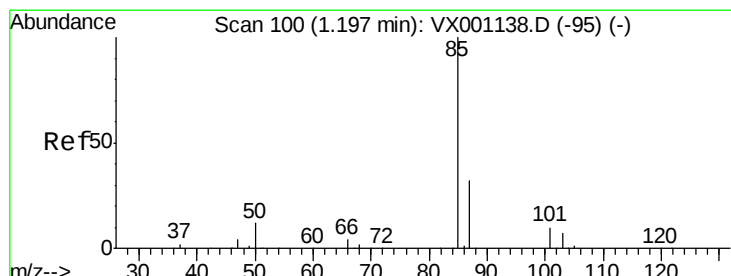
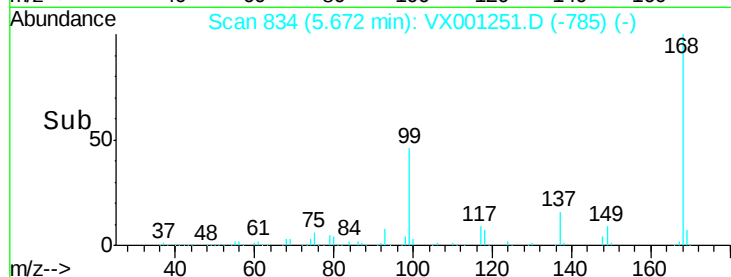
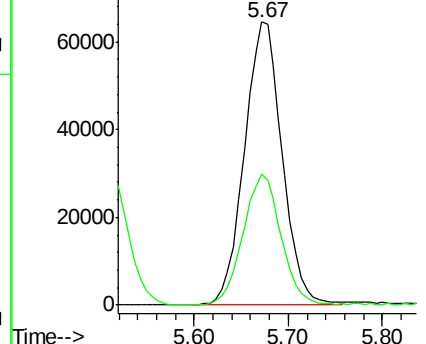
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001251.D

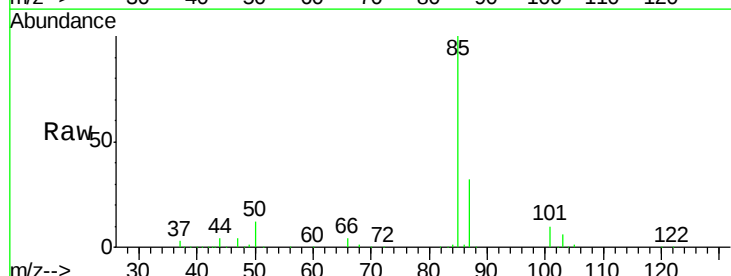
Acq: 29 Apr 2018 08:08

Tgt Ion: 85 Resp: 87895

Ion Ratio Lower Upper

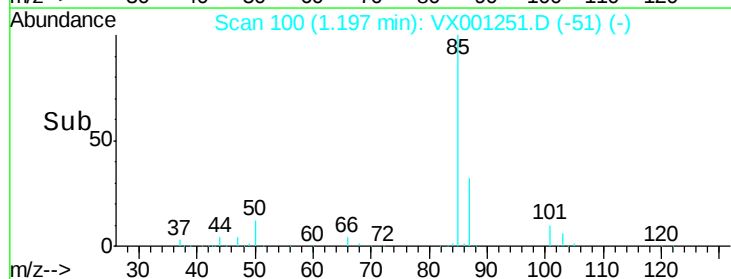
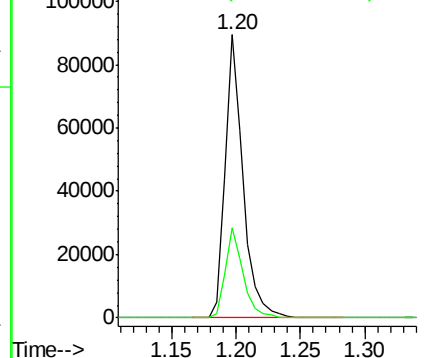
85 100

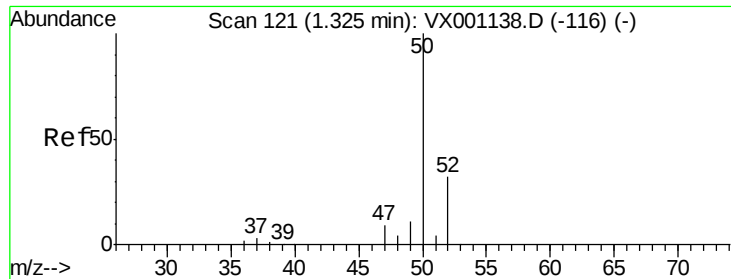
87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 50 Resp: 88201

Ion Ratio Lower Upper

50 100

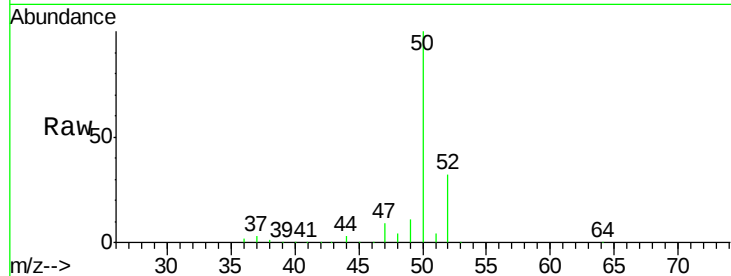
52 32.0 25.9 38.9

Manual Integrations

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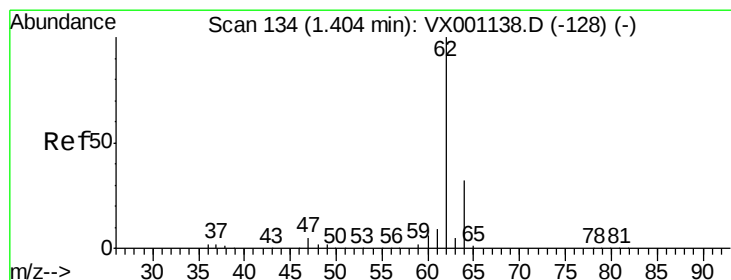
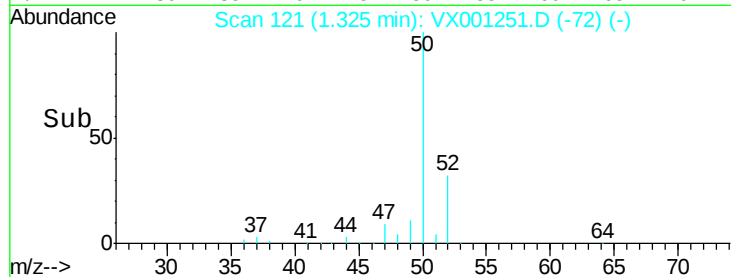
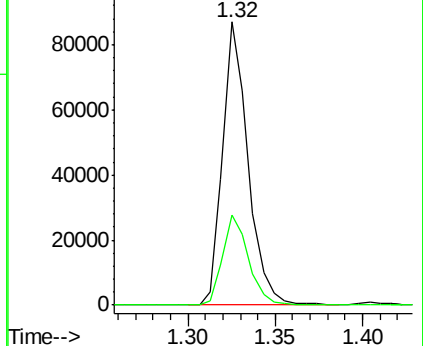
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.66 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001251.D

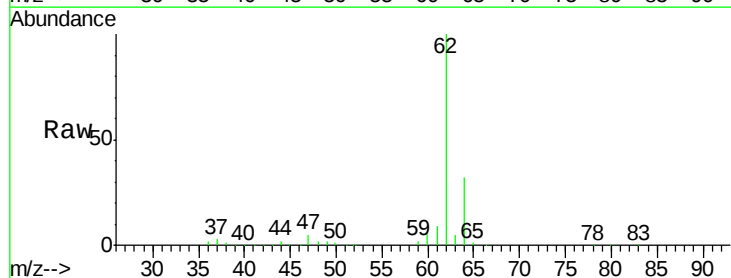
Acq: 29 Apr 2018 08:08

Tgt Ion: 62 Resp: 100677

Ion Ratio Lower Upper

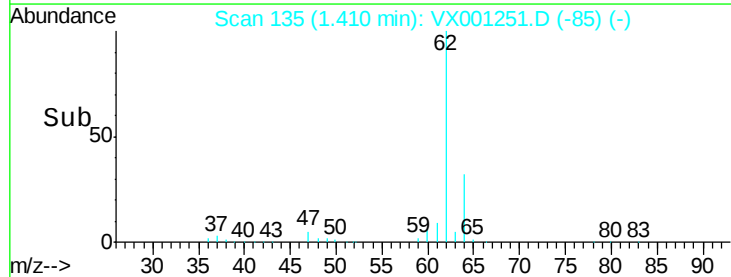
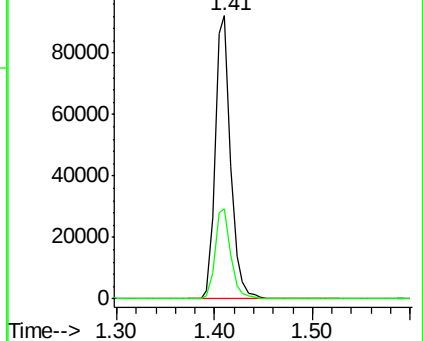
62 100

64 31.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 63.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 94 Resp: 81701

Ion Ratio Lower Upper

94 100

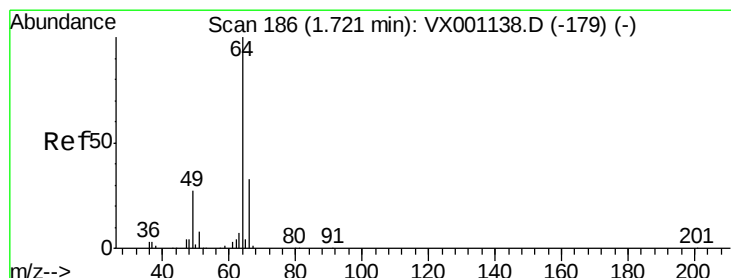
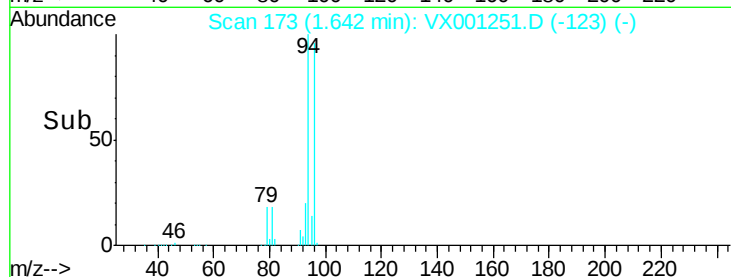
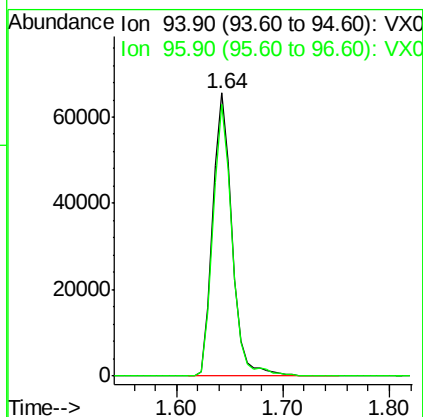
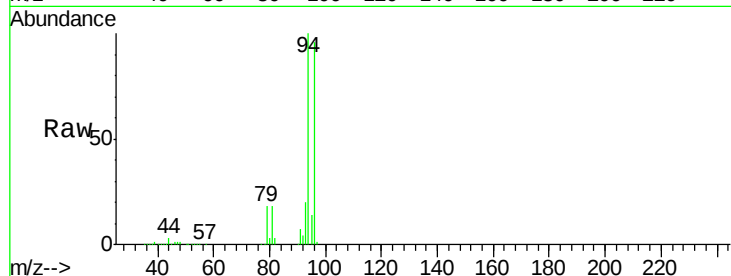
96 96.0 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 48.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001251.D

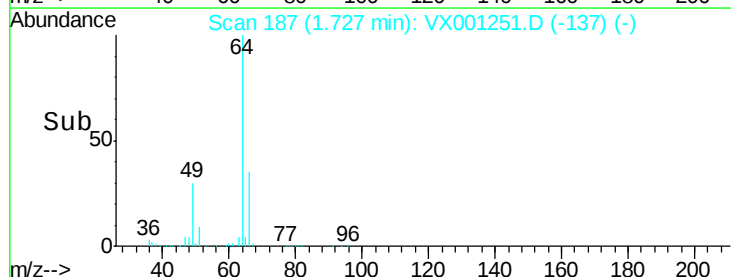
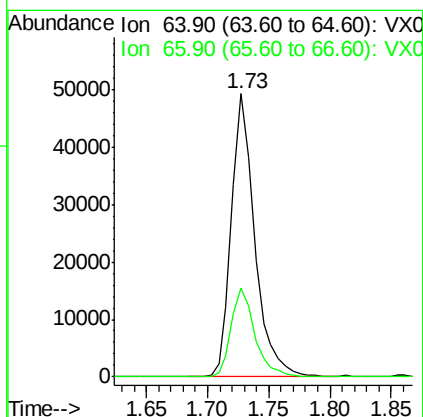
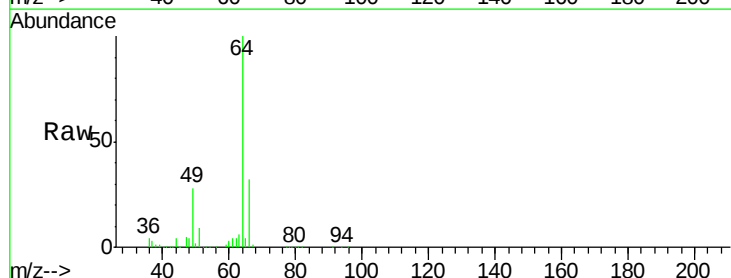
Acq: 29 Apr 2018 08:08

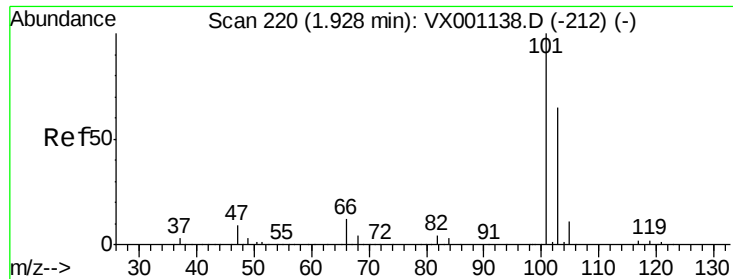
Tgt Ion: 64 Resp: 65057

Ion Ratio Lower Upper

64 100

66 31.5 26.1 39.1





#7

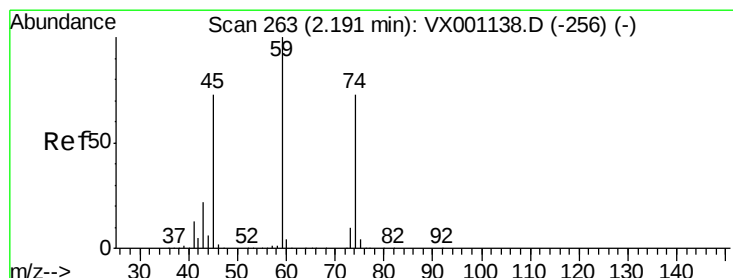
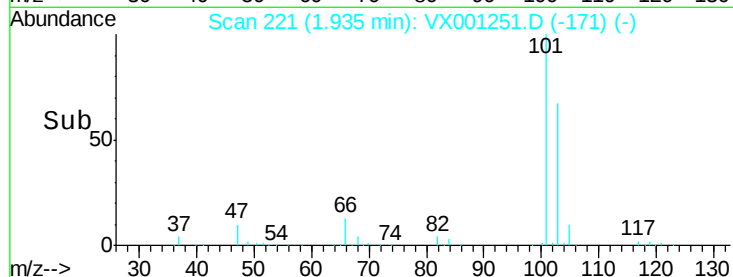
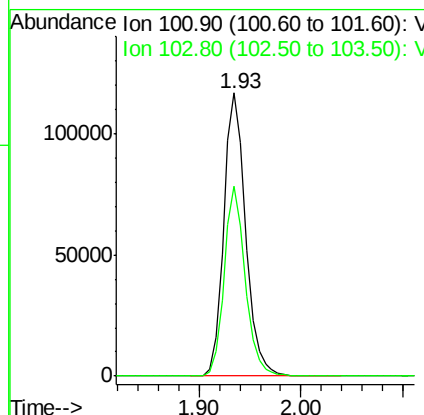
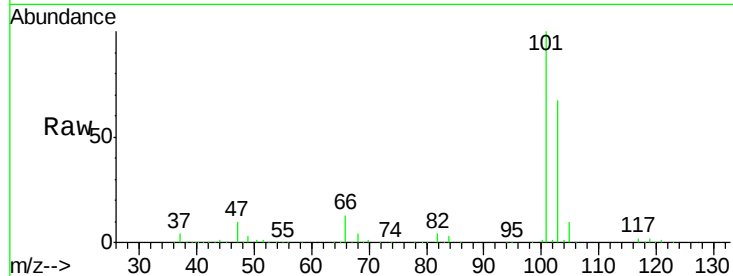
Trichlorofluoromethane
 Concen: 51.03 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.9	77.9

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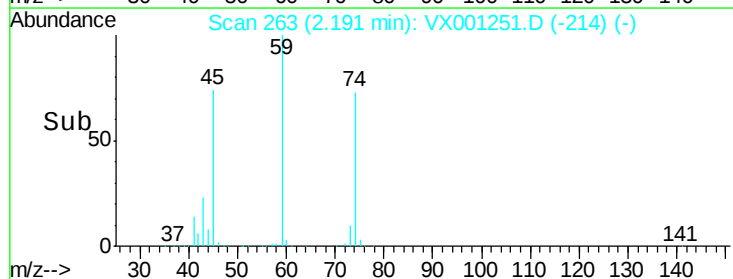
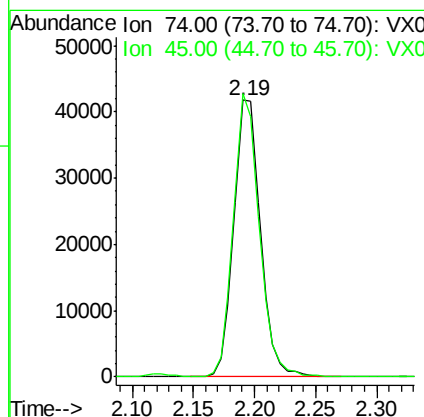
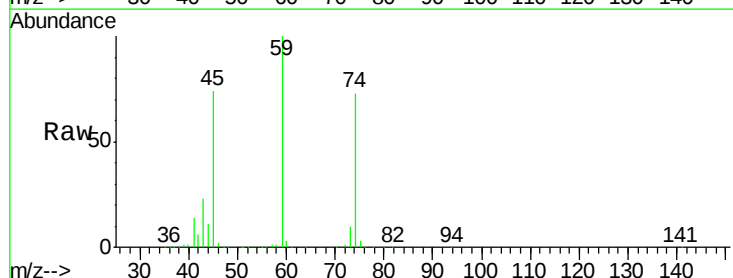
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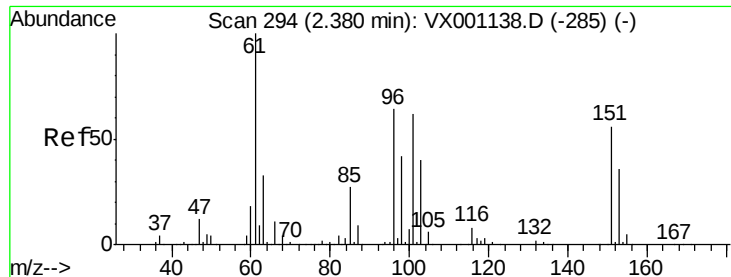


#8

Diethyl Ether
 Concen: 47.91 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

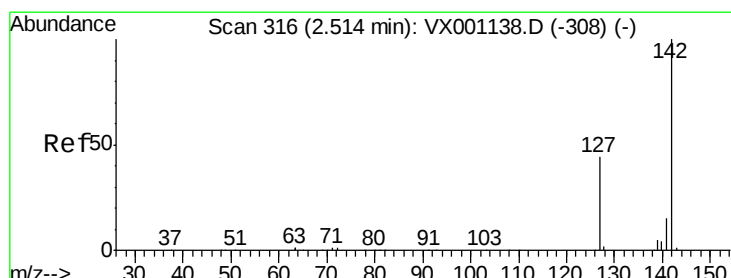
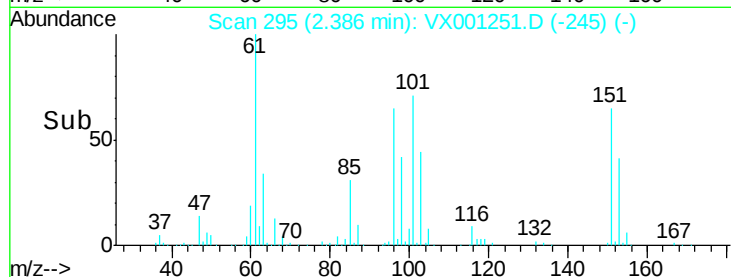
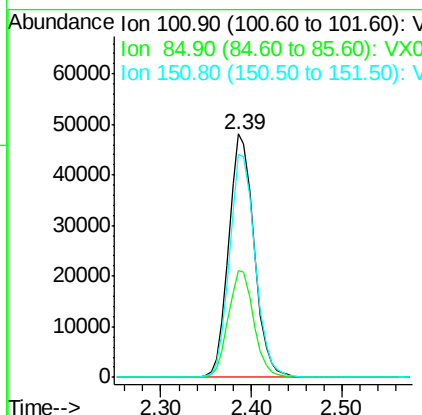
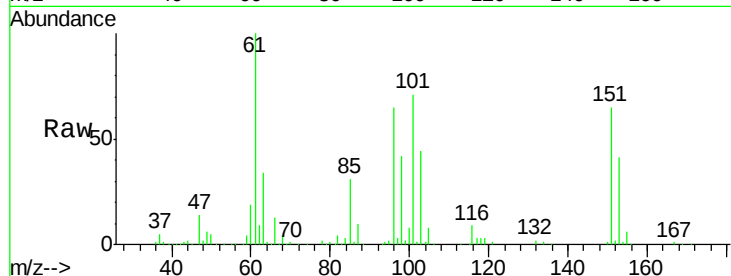
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	101	Resp:	93495
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.0
151	92.6	74.2	111.4

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#10

Methyl Iodide

Concen: 44.89 ug/l

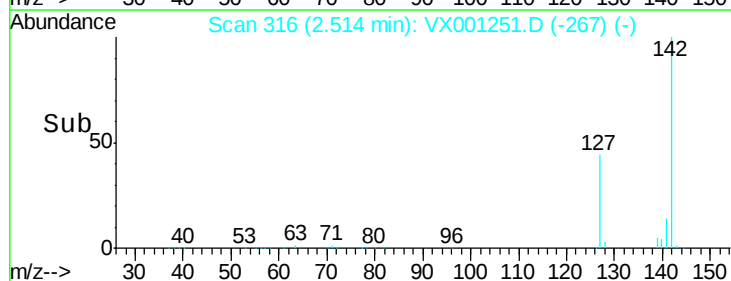
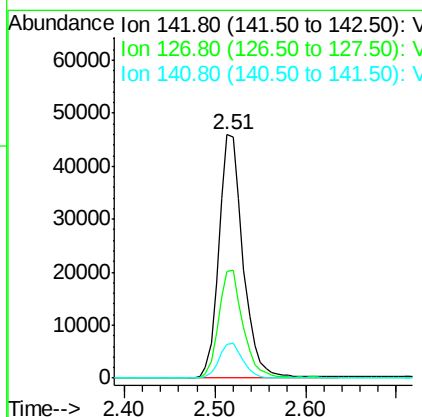
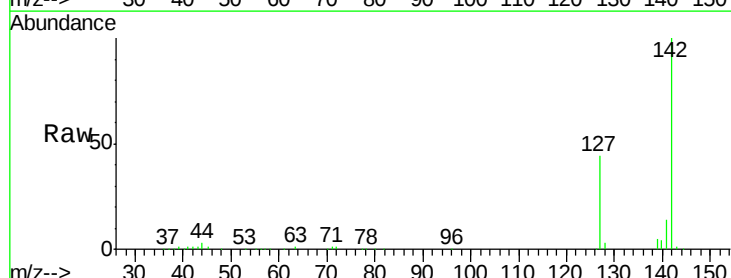
RT: 2.51 min Scan# 316

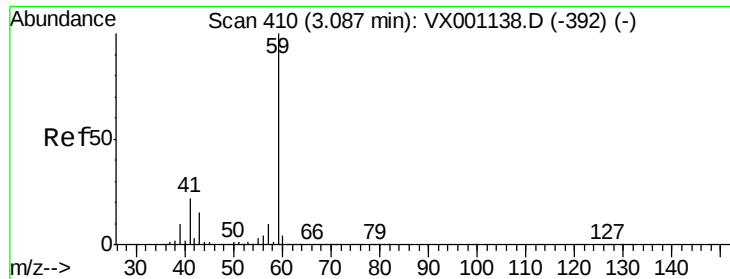
Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	142	Resp:	86043
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.7	52.1
141	14.1	11.6	17.4





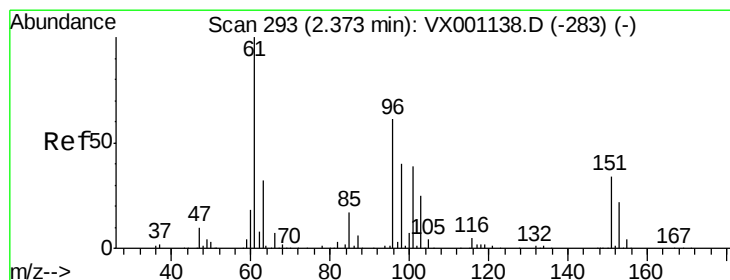
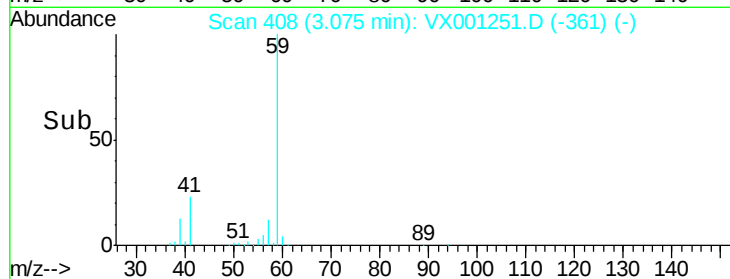
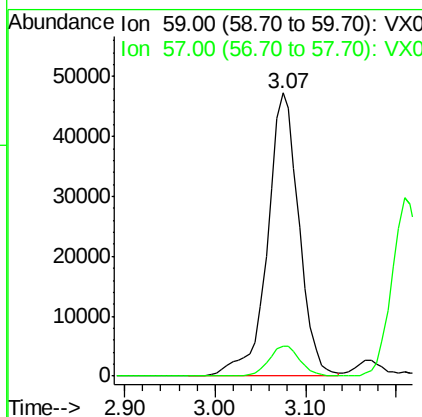
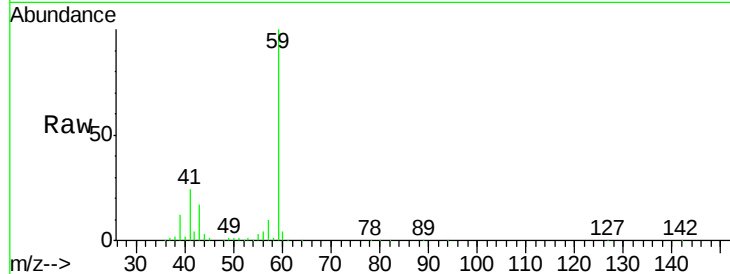
#11
Tert butyl alcohol
Concen: 204.66 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion: 59 Resp: 113420
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

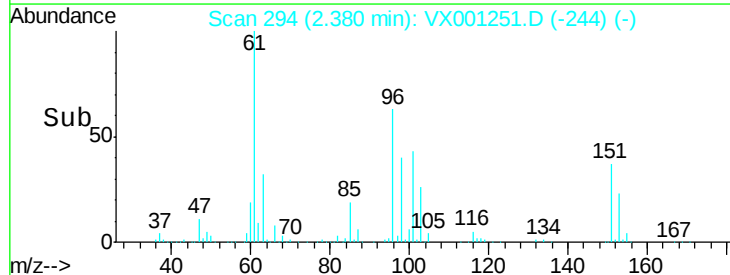
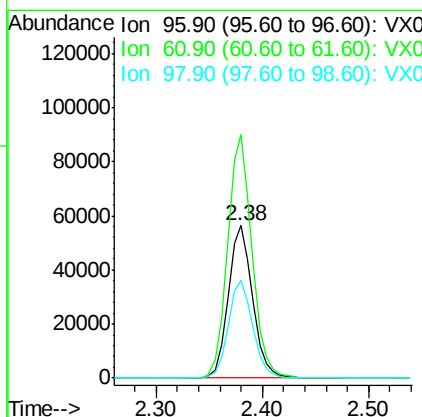
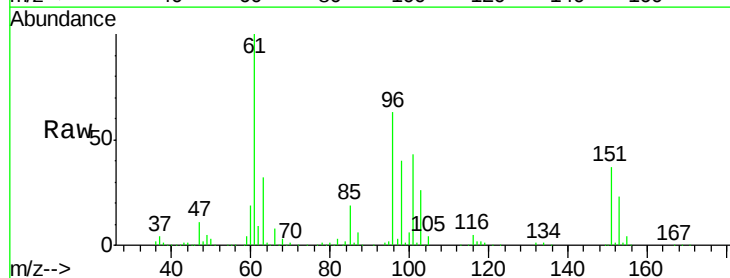
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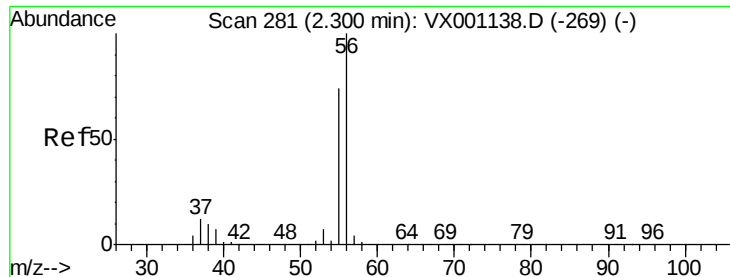
apatel
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#12
1,1-Dichloroethene
Concen: 49.15 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 96 Resp: 90115
Ion Ratio Lower Upper
96 100
61 159.6 130.2 195.4
98 63.8 51.5 77.3





#13

Acrolein

Concen: 186.82 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 56 Resp: 39138

Ion Ratio Lower Upper

56 100

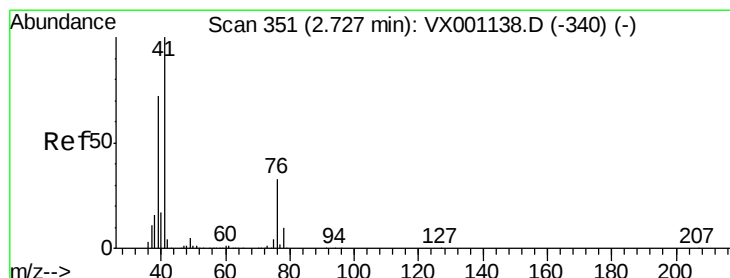
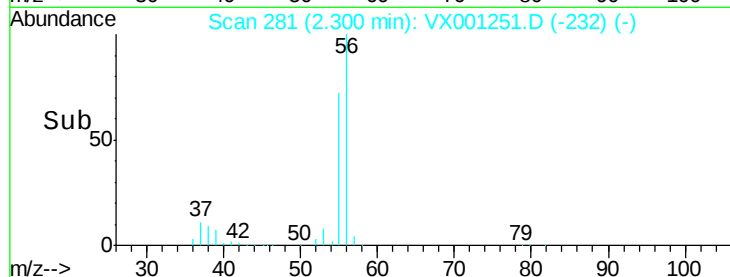
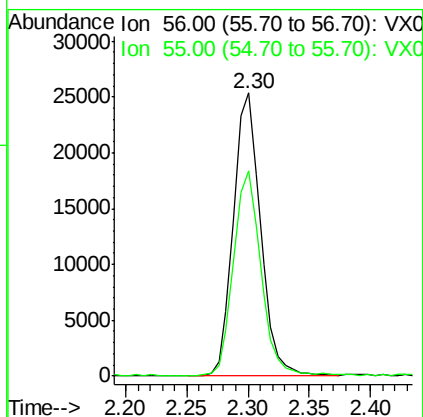
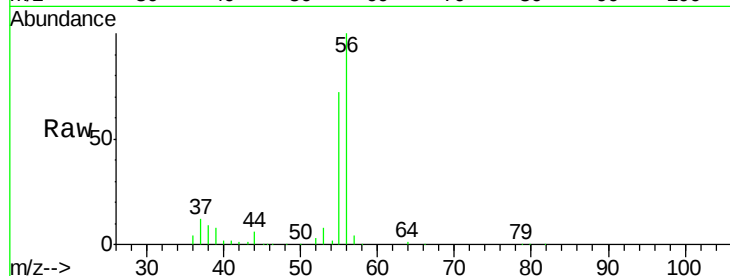
55 73.8 57.2 85.8

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#14

Allyl chloride

Concen: 47.07 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

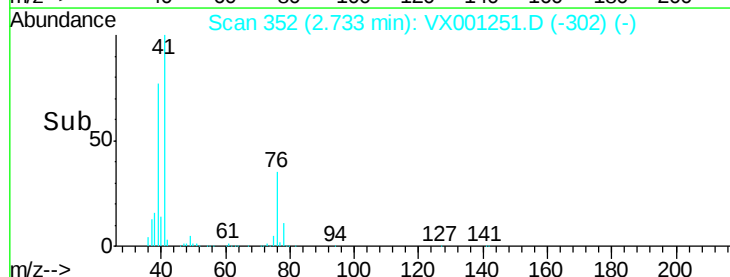
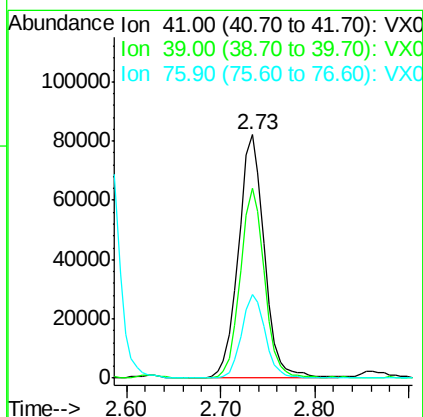
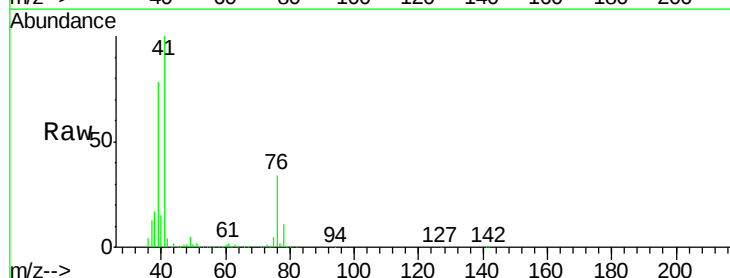
Tgt Ion: 41 Resp: 157404

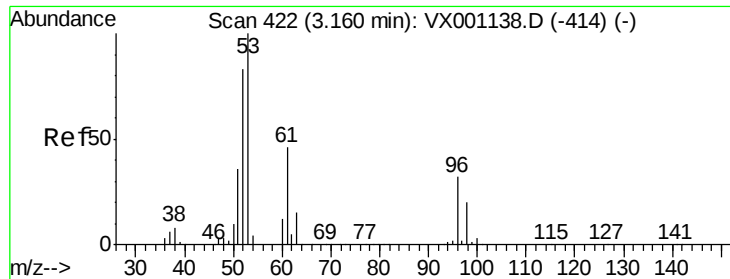
Ion Ratio Lower Upper

41 100

39 72.5 55.6 83.4

76 31.2 24.8 37.2





#15

Acrylonitrile

Concen: 221.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

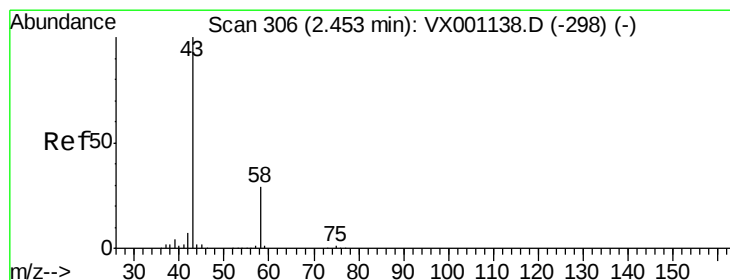
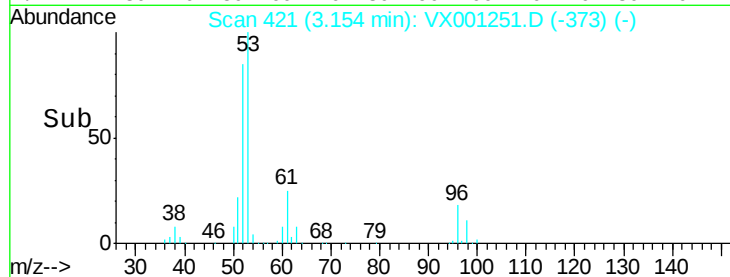
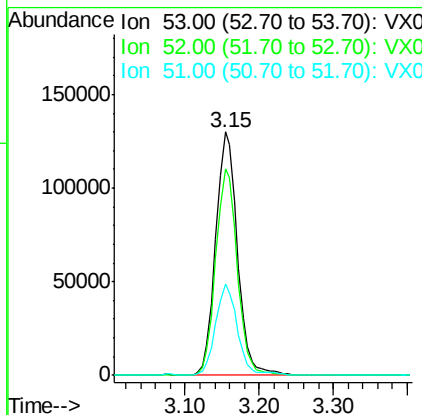
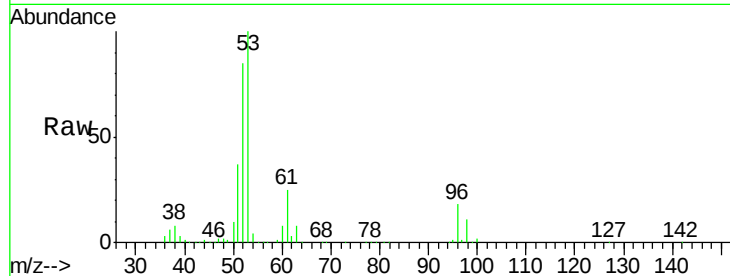
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	53	Resp:	261569
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.5	99.7
51	37.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 208.47 ug/l

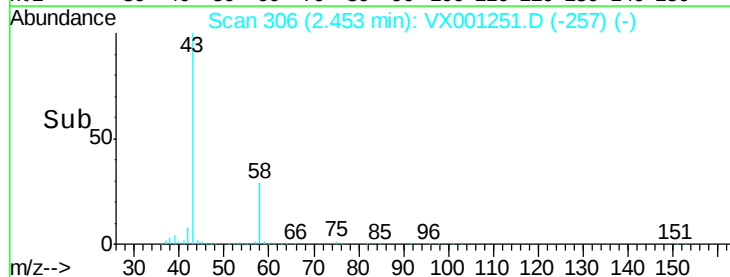
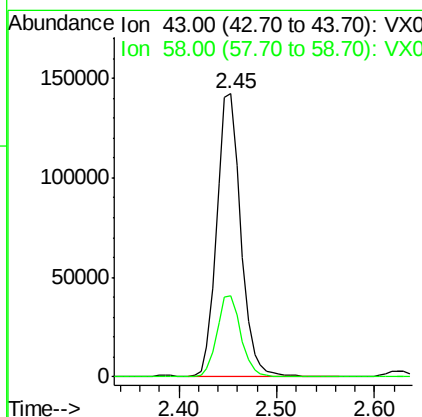
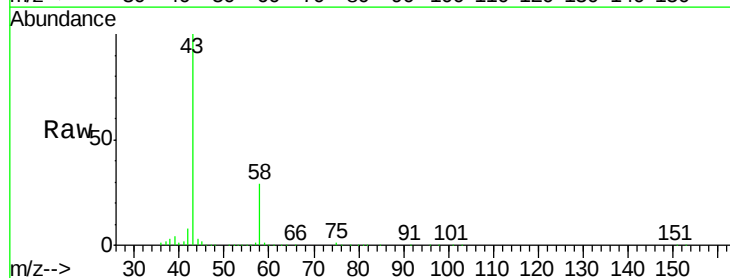
RT: 2.45 min Scan# 306

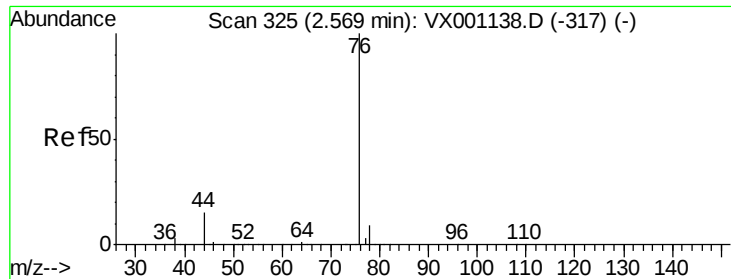
Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	43	Resp:	240917
Ion Ratio	Lower	Upper	
43	100		
58	28.7	23.0	34.6





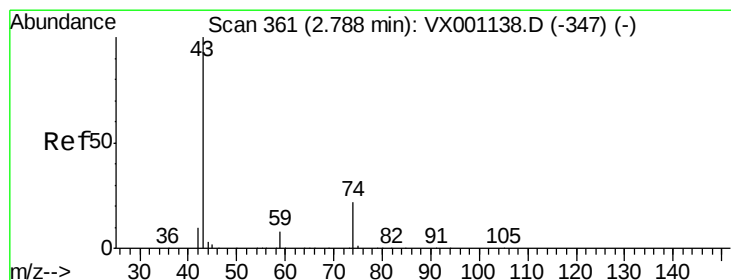
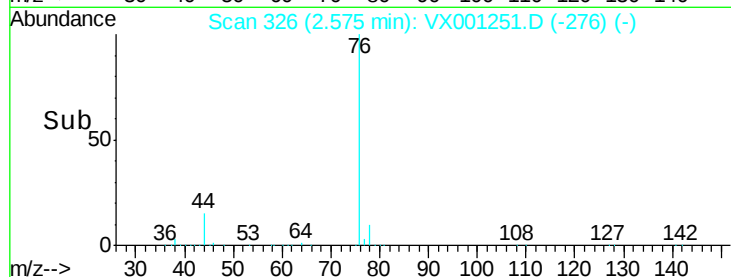
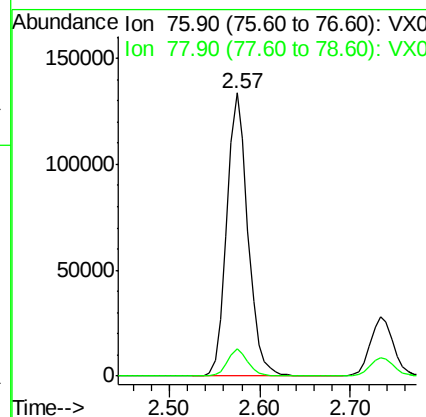
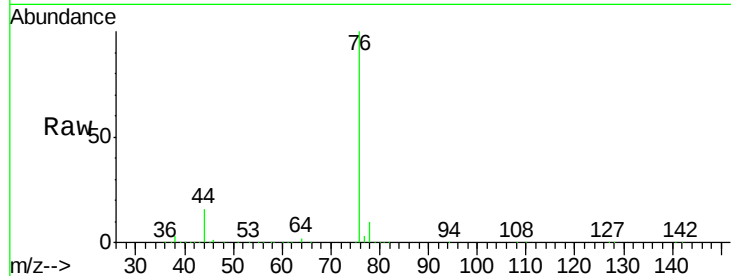
#17
Carbon Disulfide
Concen: 46.38 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

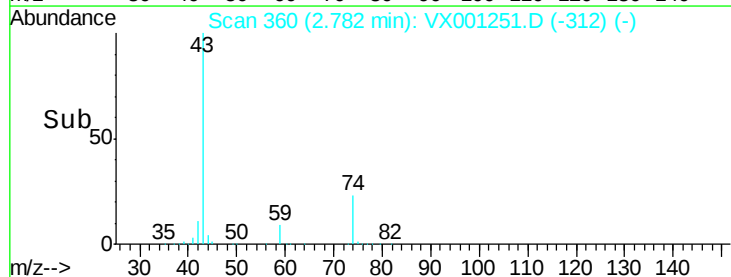
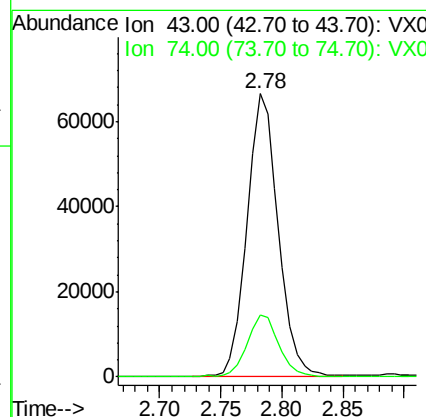
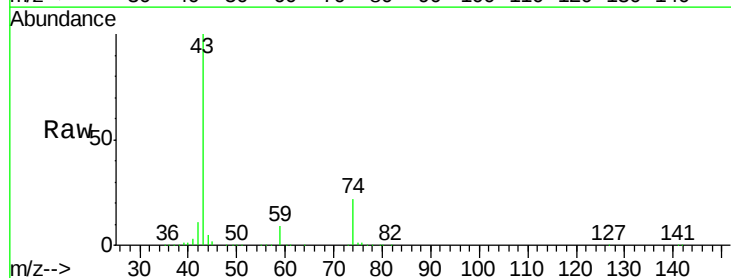
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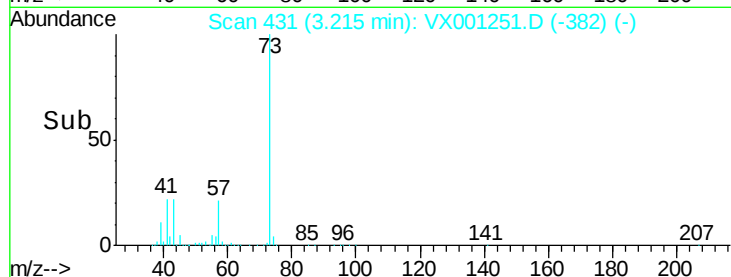
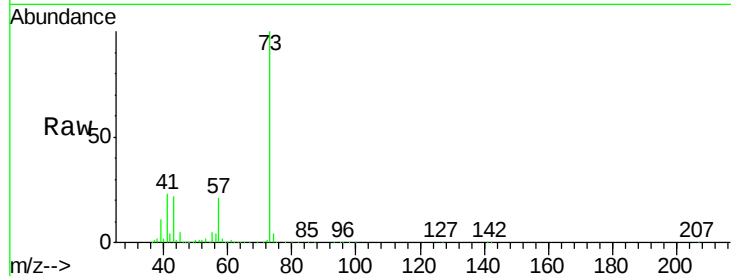
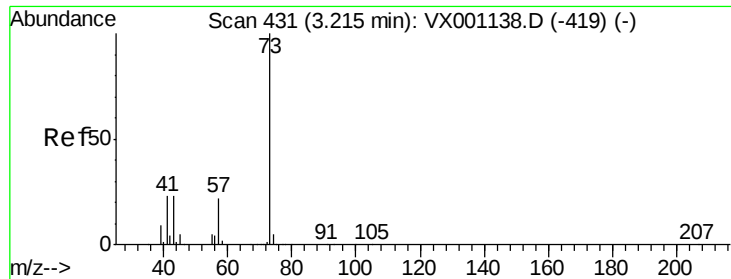
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#18
Methyl Acetate
Concen: 40.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.1	27.1





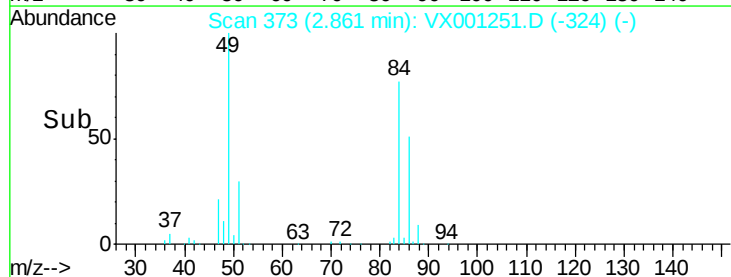
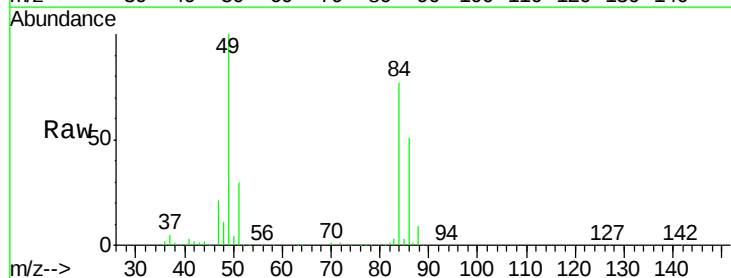
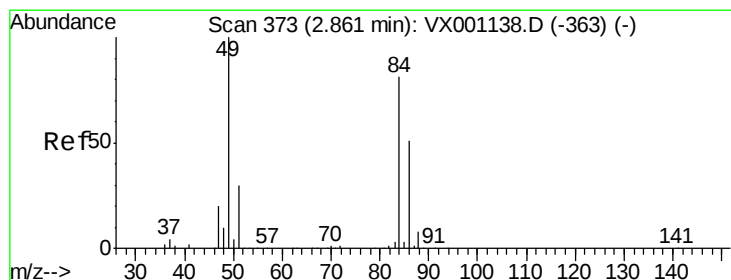
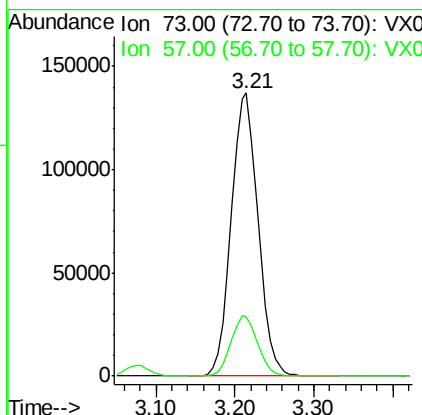
#19
Methvl tert-butvl Ether
Concen: 48.08 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tot Ion: 73 Resp: 324472
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

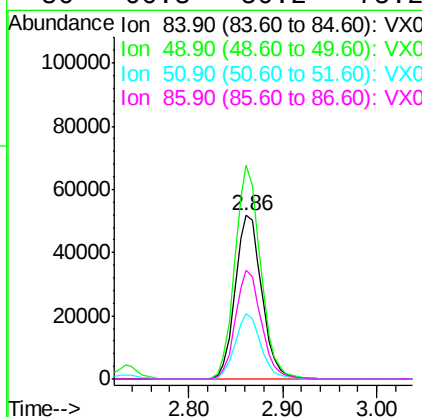
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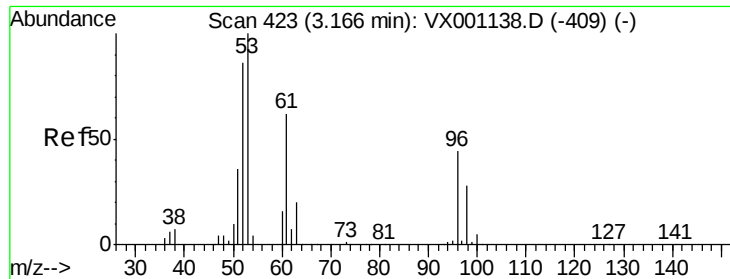
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#20
Methylene Chloride
Concen: 47.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 84 Resp: 101551
Ion Ratio Lower Upper
84 100
49 130.5 99.2 148.8
51 39.5 29.5 44.3
86 66.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

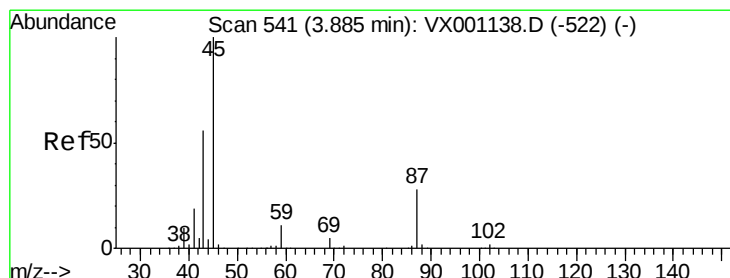
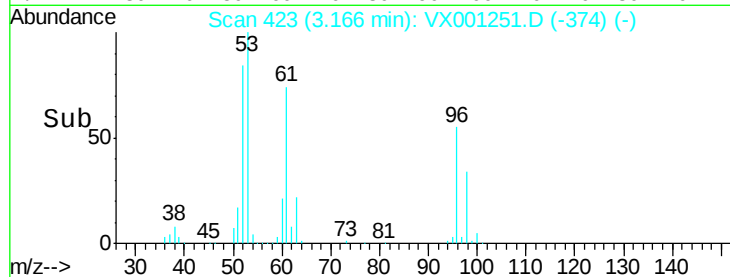
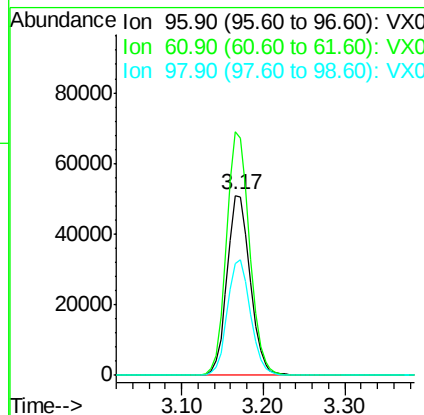
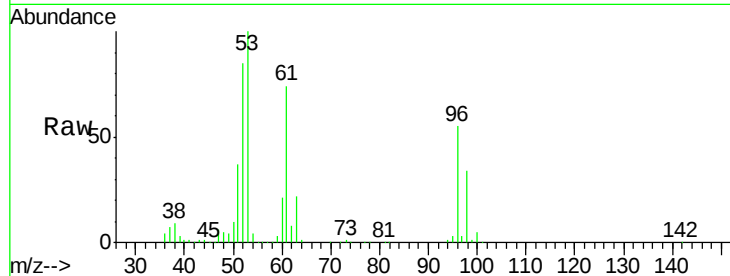
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	96	Resp:	99802
Ion	Ratio	Lower	Upper
96	100		
61	135.1	111.9	167.9
98	62.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 46.34 ug/l

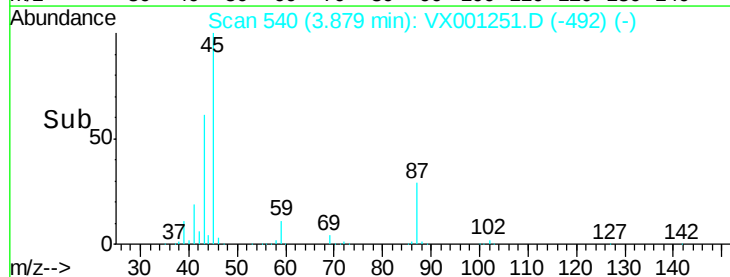
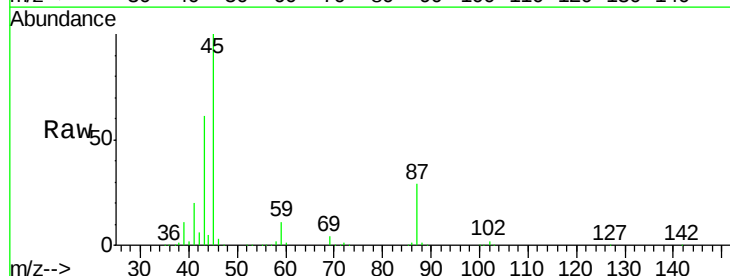
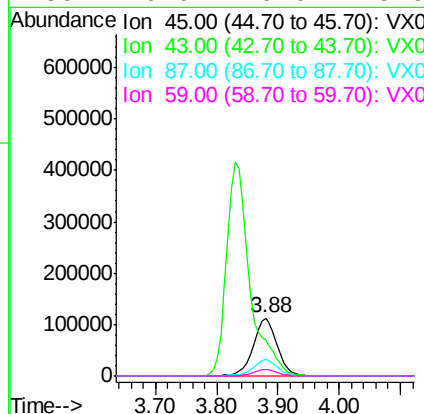
RT: 3.88 min Scan# 540

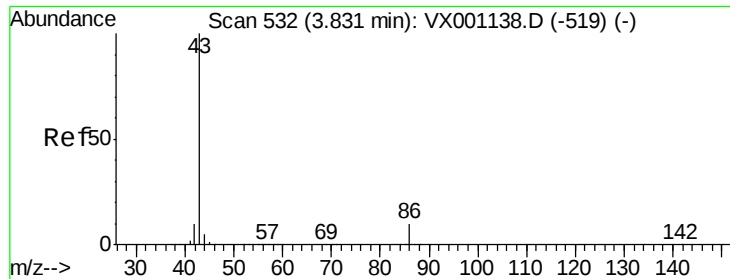
Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	45	Resp:	310096
Ion	Ratio	Lower	Upper
45	100		
43	61.3	45.0	67.4
87	28.8	22.8	34.2
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 193.81 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 43 Resp: 1100234

Ion Ratio Lower Upper

43 100

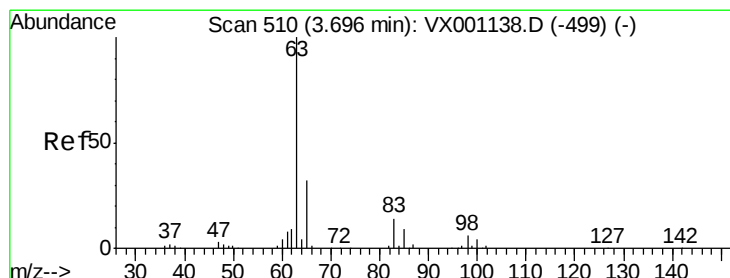
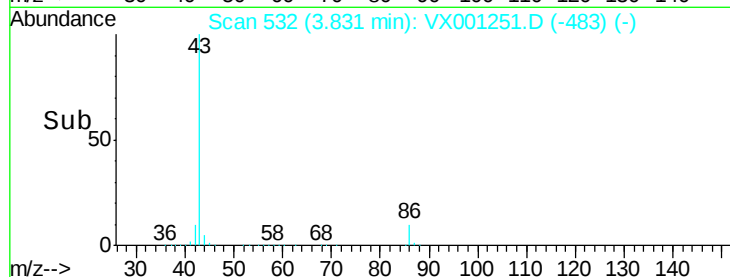
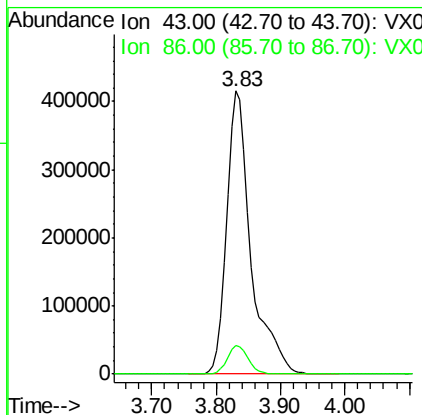
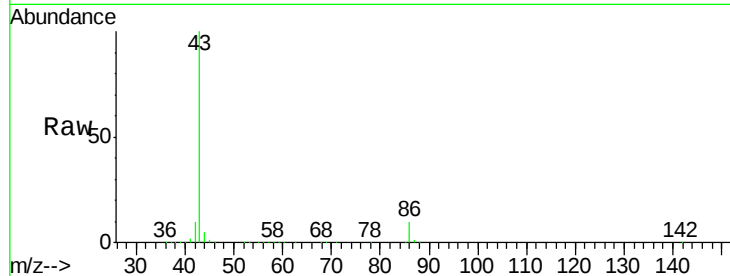
86 10.1 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 47.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

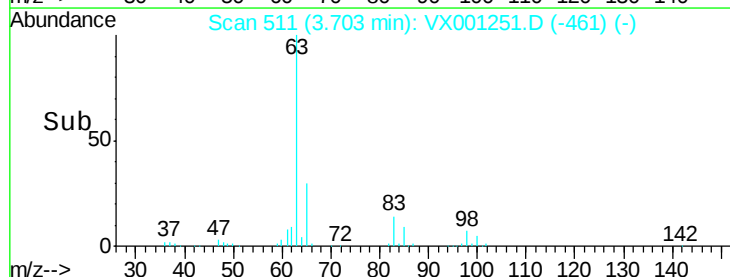
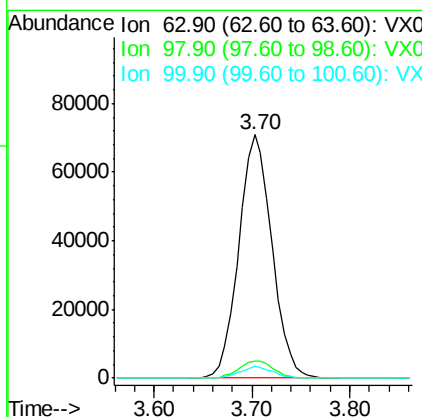
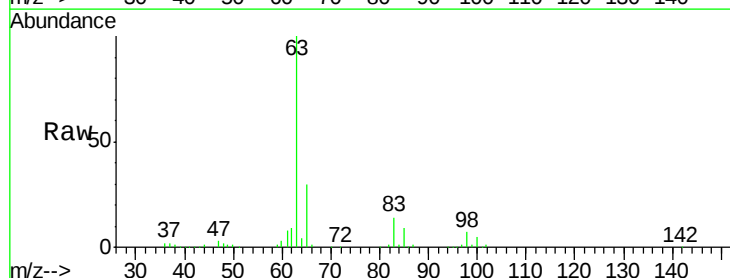
Tgt Ion: 63 Resp: 166414

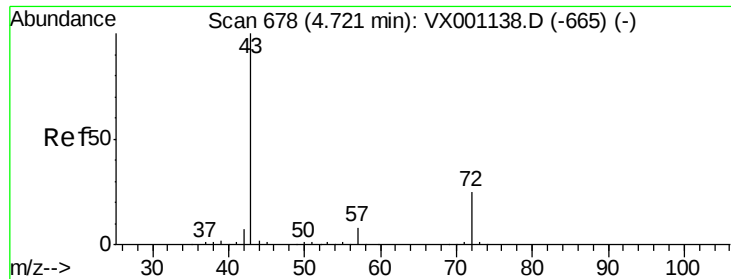
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 202.48 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 43 Resp: 350114

Ion Ratio Lower Upper

43 100

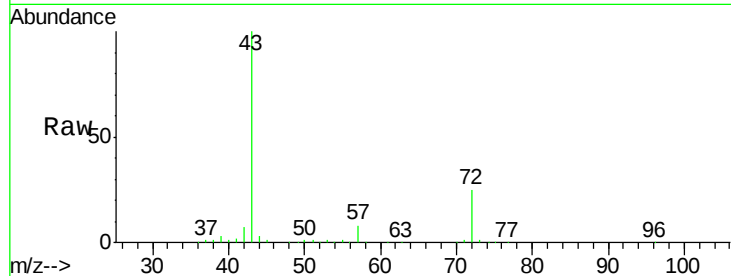
72 25.2 20.0 30.0

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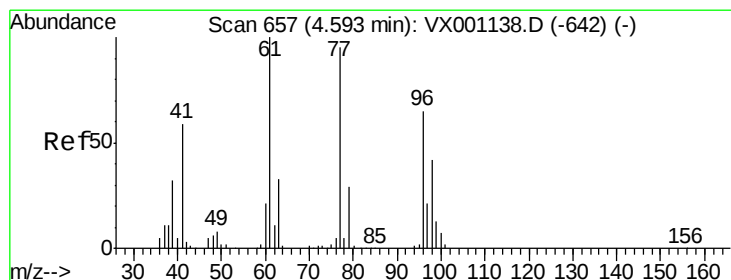
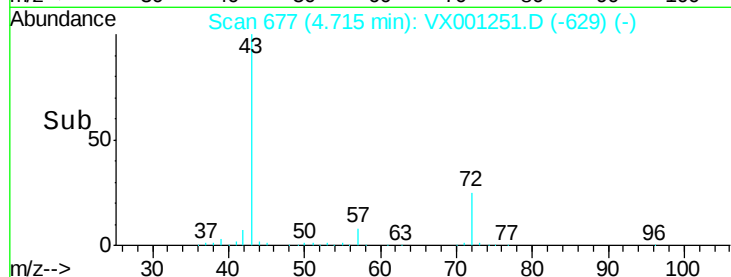
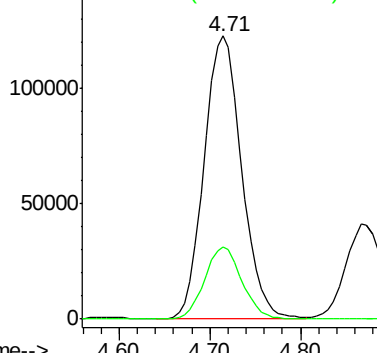
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 28.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001251.D

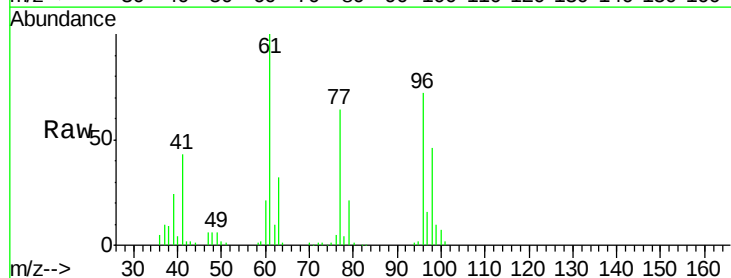
Acq: 29 Apr 2018 08:08

Tgt Ion: 77 Resp: 79024

Ion Ratio Lower Upper

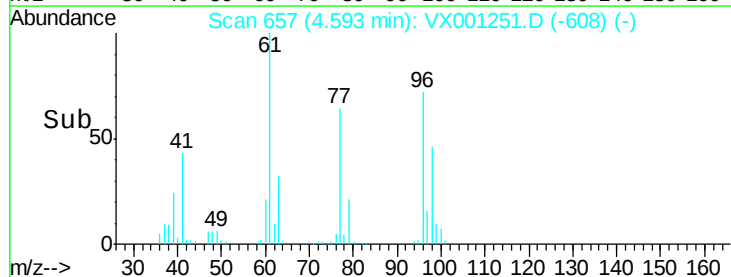
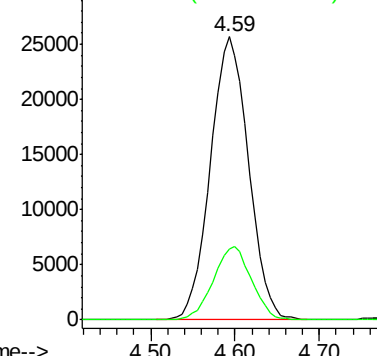
77 100

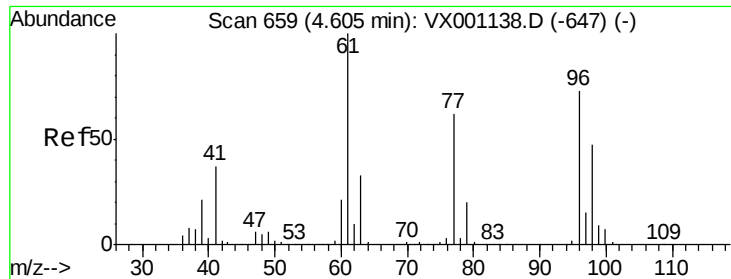
97 25.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.31 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

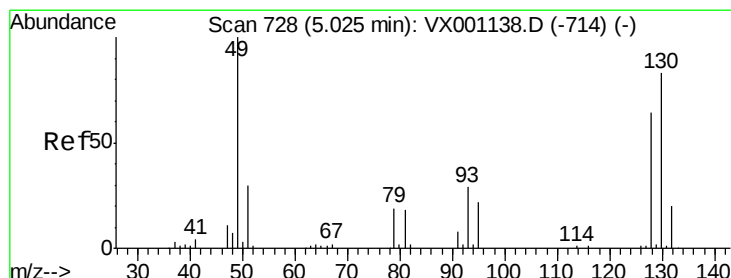
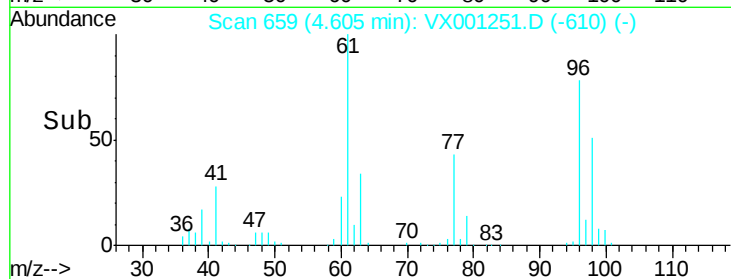
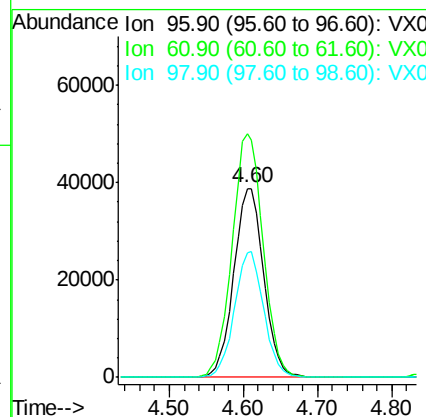
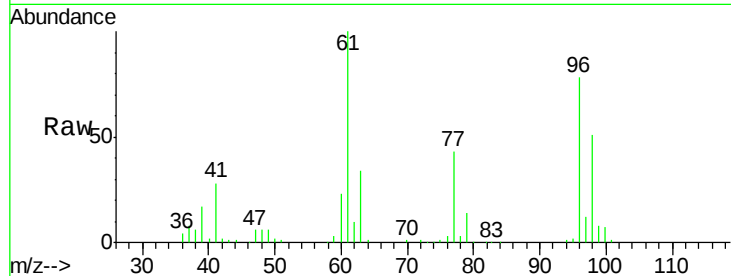
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	96	Resp:	109426
Ion Ratio	Lower	Upper	
96	100		
61	133.1	0.0	289.0
98	64.8	0.0	128.2

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#28

Bromochloromethane

Concen: 50.53 ug/l

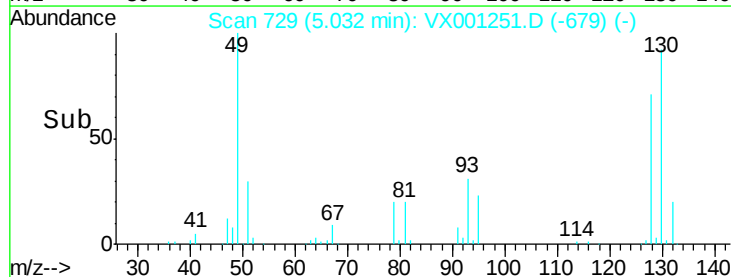
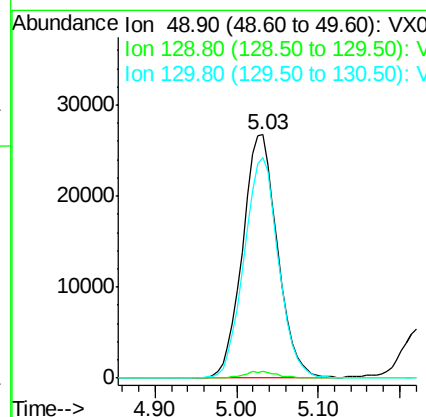
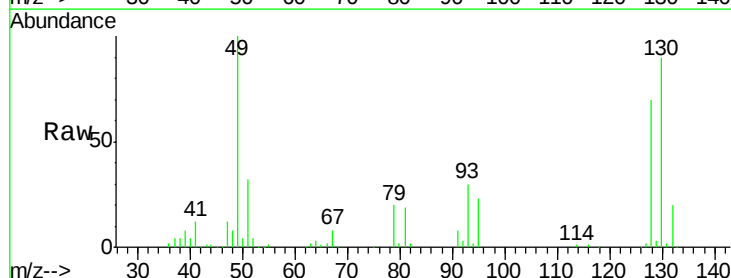
RT: 5.03 min Scan# 729

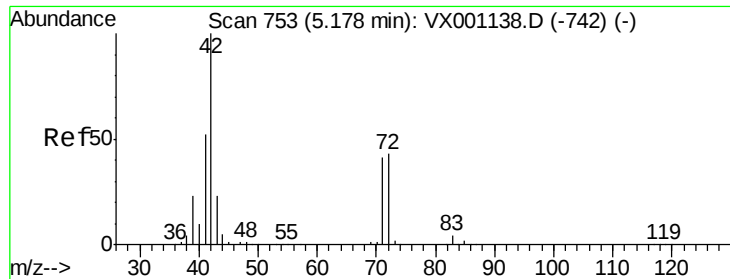
Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	49	Resp:	79676
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.6
130	89.5	68.2	102.2





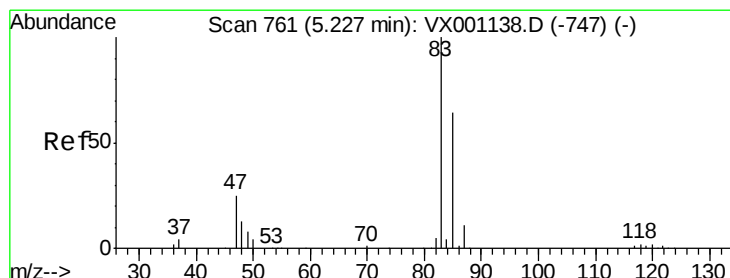
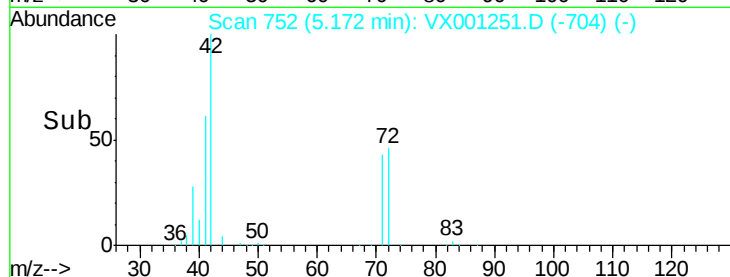
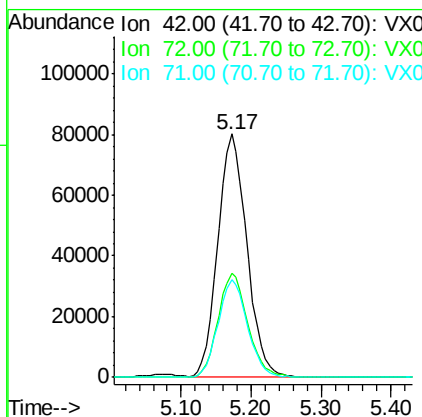
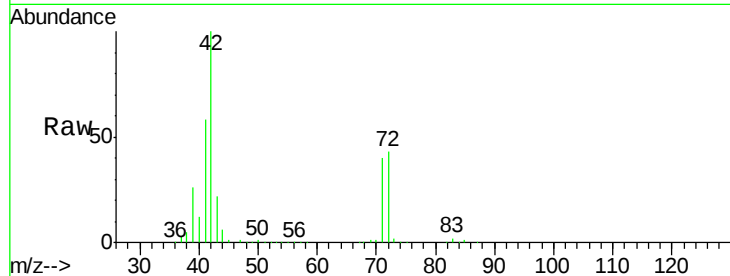
#29
Tetrahydrofuran
Concen: 208.00 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.4	51.6
71	40.5	32.1	48.1

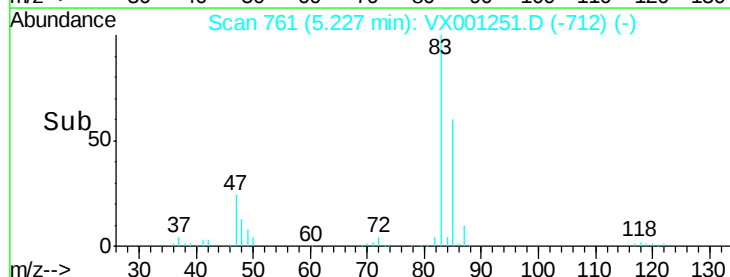
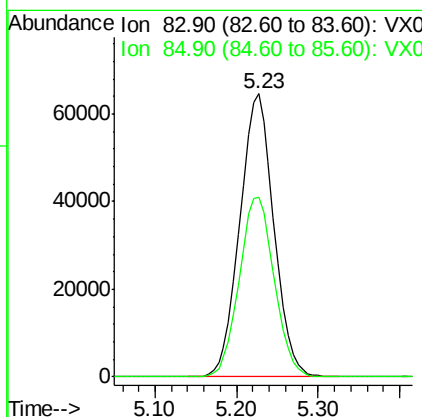
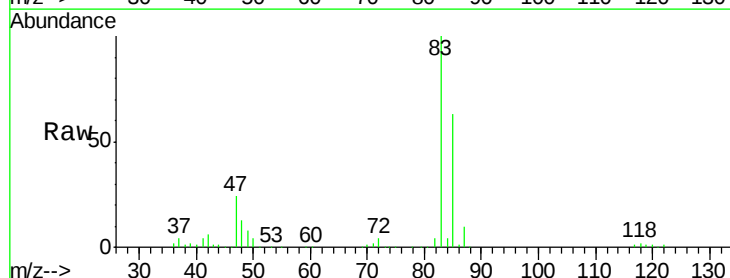
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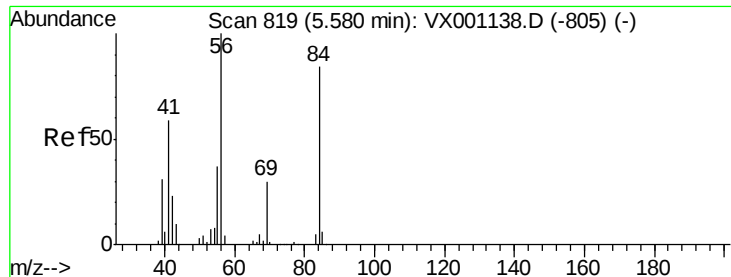
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#30
Chloroform
Concen: 50.01 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.4	77.0





#31

Cyclohexane

Concen: 48.07 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

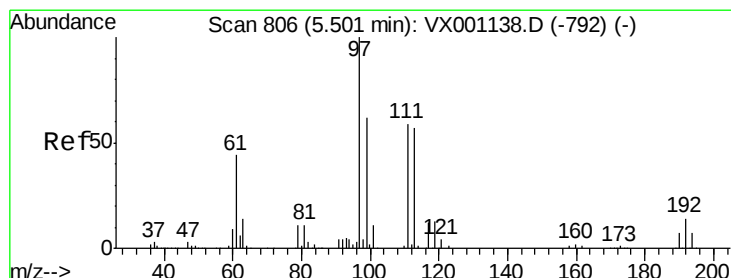
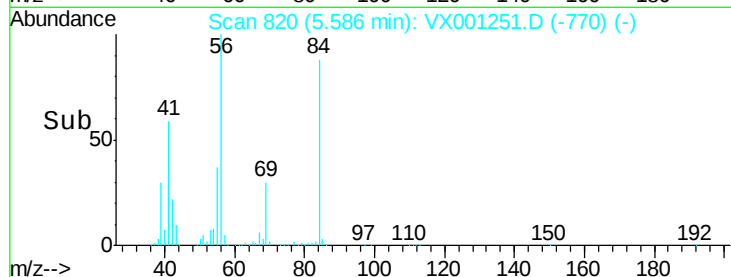
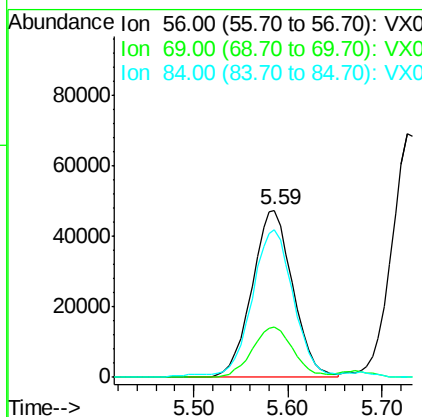
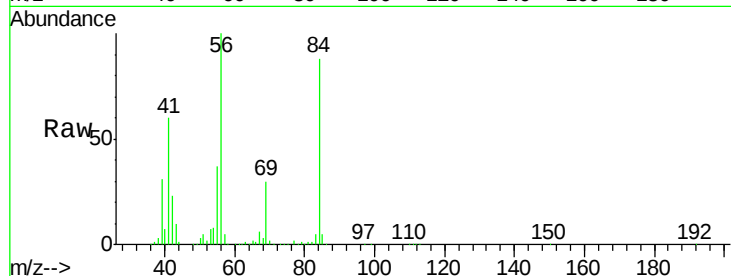
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	56	Resp:	143619
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.2	36.2
84	86.7	67.5	101.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.44 ug/l

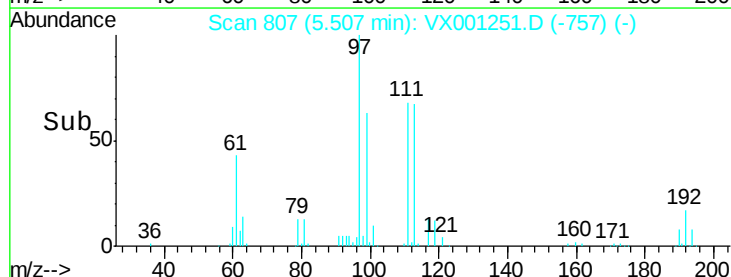
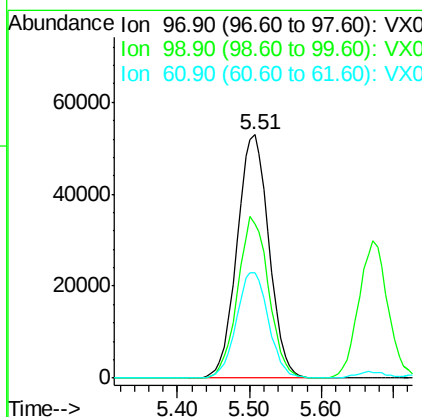
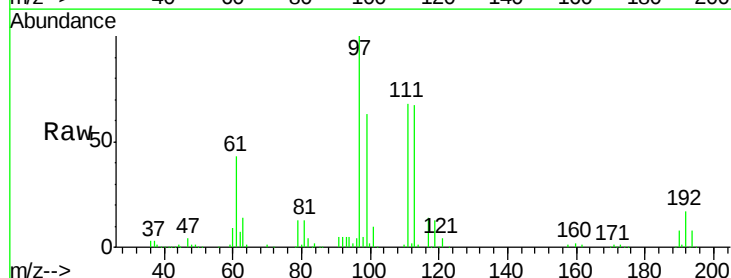
RT: 5.51 min Scan# 807

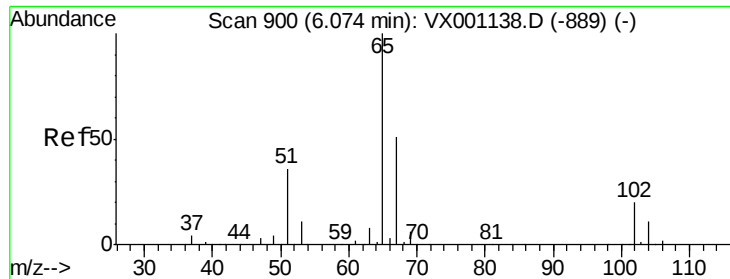
Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	97	Resp:	162850
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.9	76.3
61	43.9	35.0	52.6





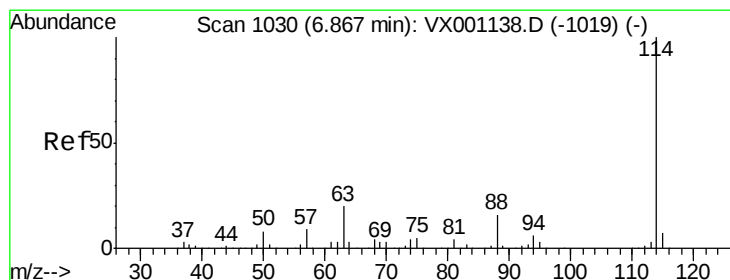
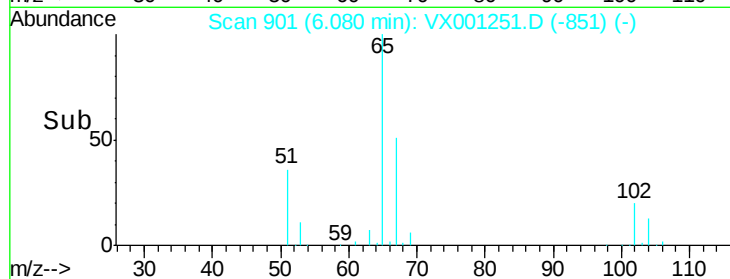
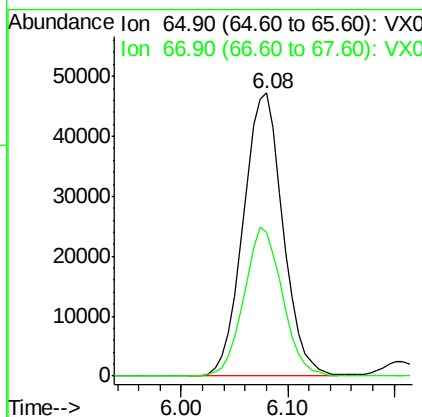
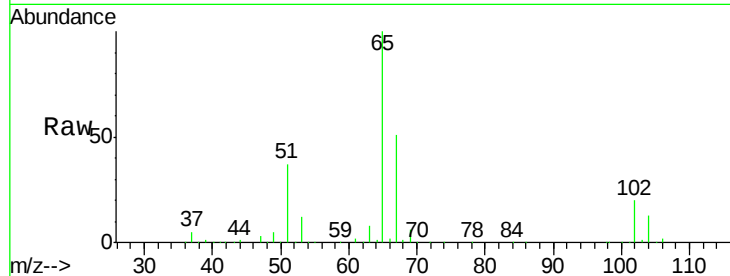
#33
 1,2-Dichloroethane-d4
 Concen: 43.88 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123312		
67	51.1	0.0	102.2	

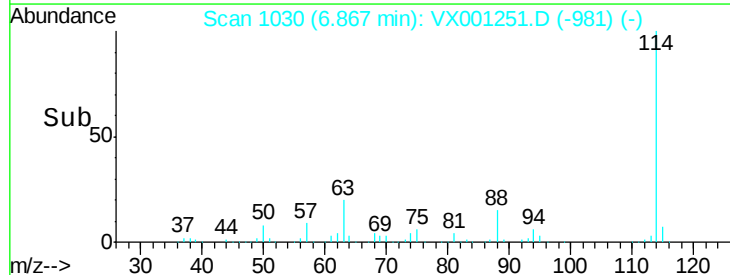
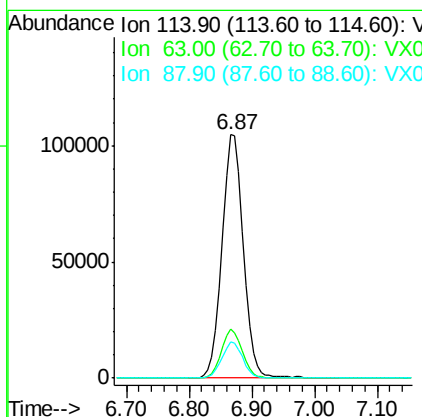
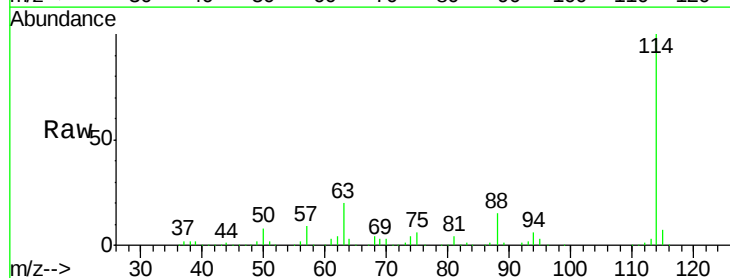
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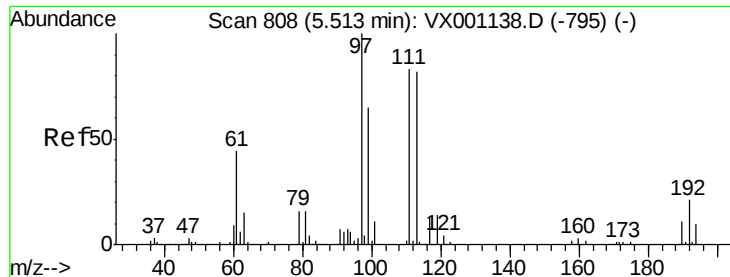
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	247611		
63	20.1	0.0	40.4	
88	14.9	0.0	31.8	





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

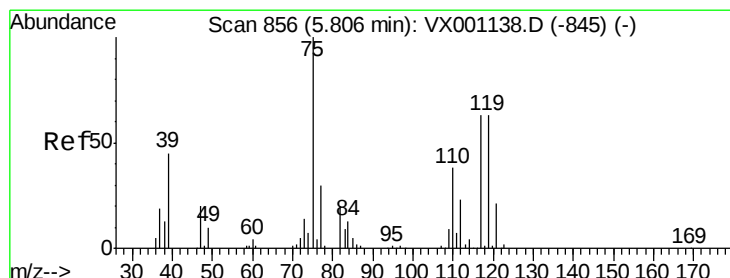
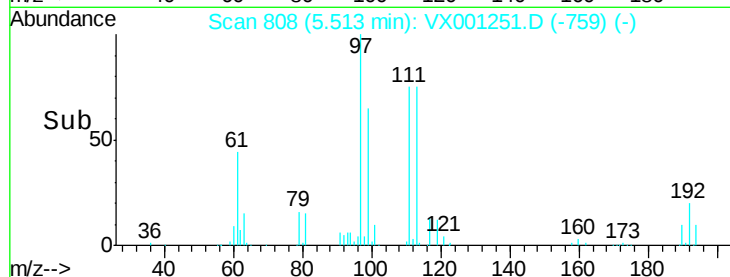
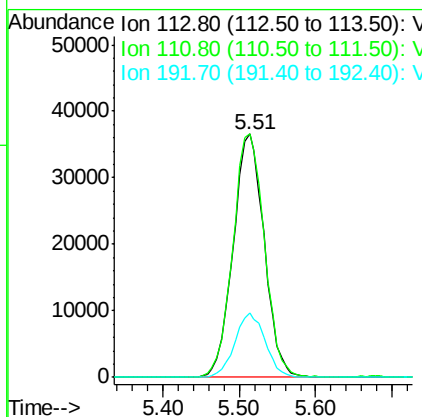
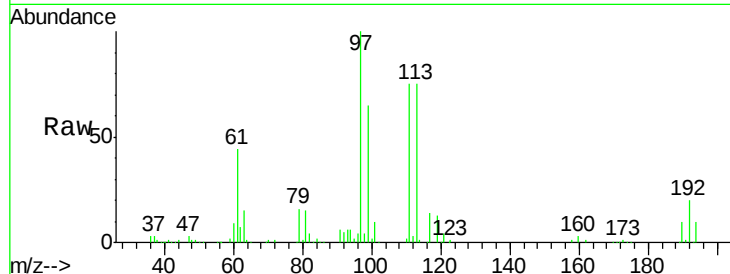
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	113	Resp:	102482
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.4
192	25.9	20.6	30.8

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#36

1,1-Dichloropropene

Concen: 49.64 ug/l

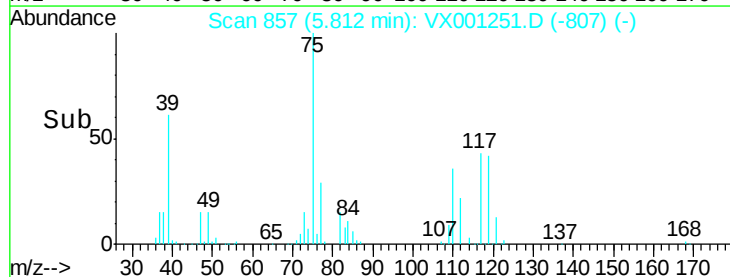
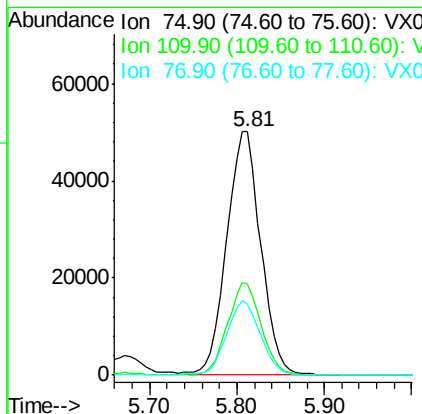
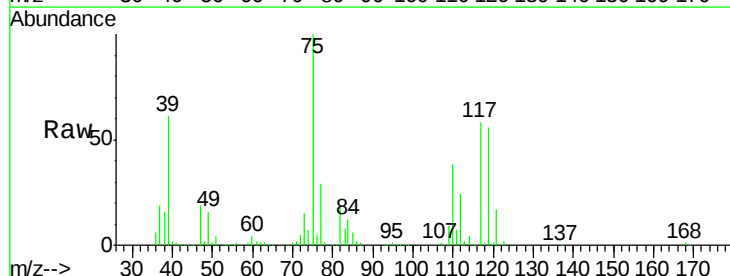
RT: 5.81 min Scan# 857

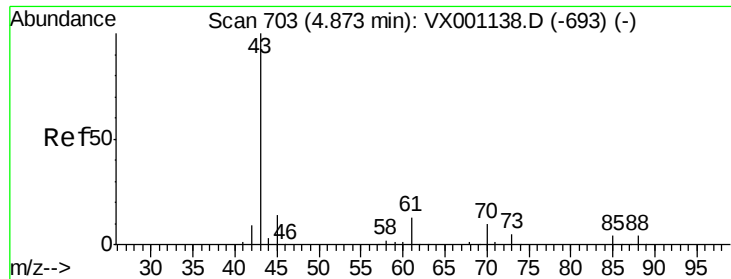
Delta R.T. 0.01 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	75	Resp:	135446
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.0	57.0
77	30.7	24.8	37.2





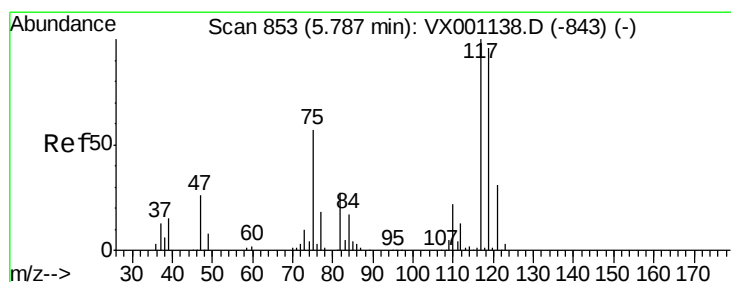
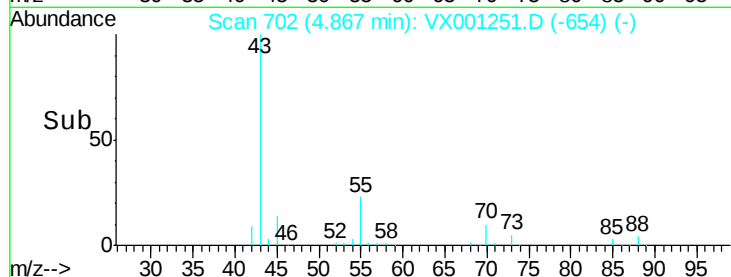
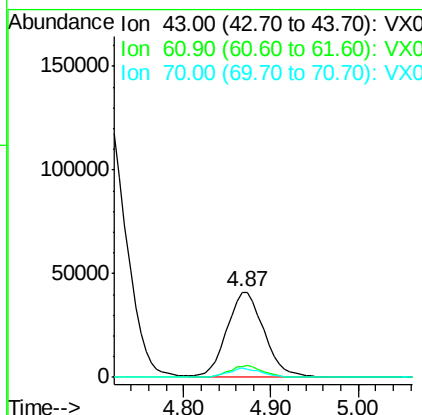
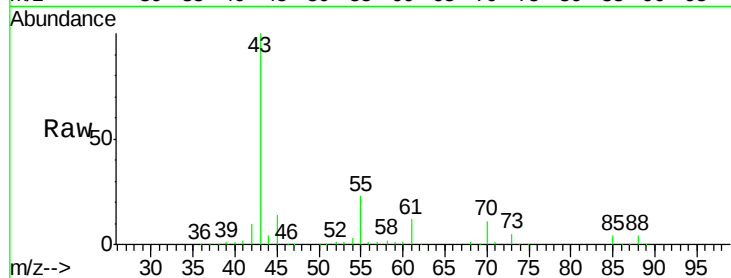
#37
Ethyl Acetate
Concen: 36.72 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion:	43	Resp:	119987
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.6
70	10.0	8.2	12.2

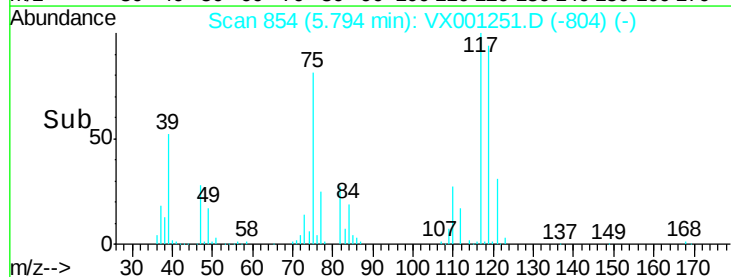
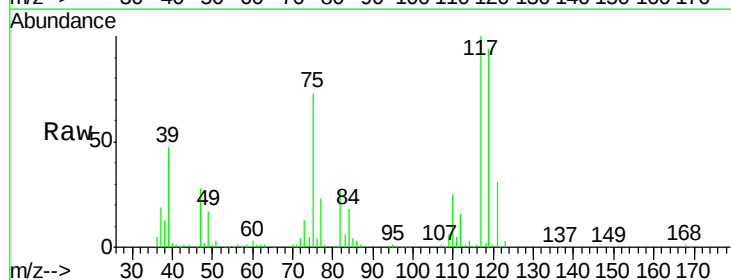
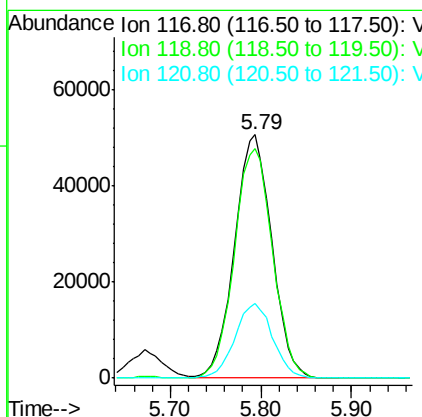
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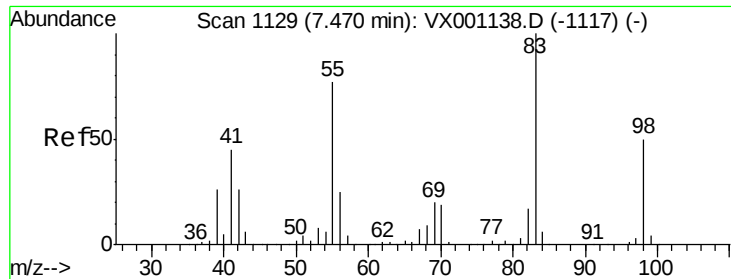
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#38
Carbon Tetrachloride
Concen: 52.01 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:	117	Resp:	145522
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.5	114.7
121	30.7	24.6	37.0





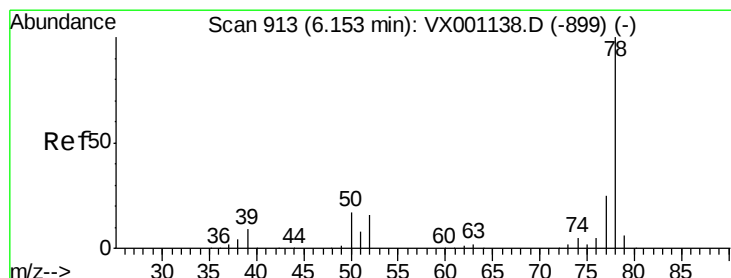
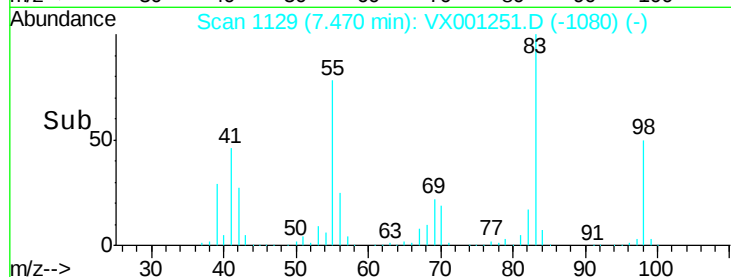
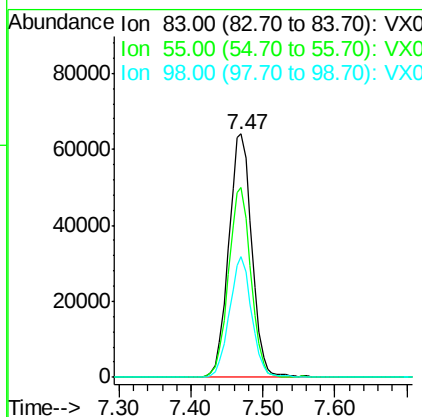
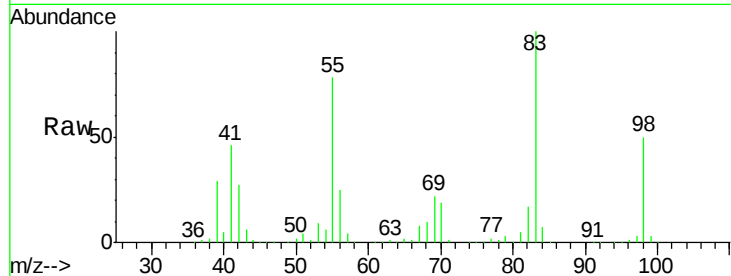
#39
Methvlcvclohexane
Concen: 47.43 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.8	92.6
98	49.7	40.0	60.0

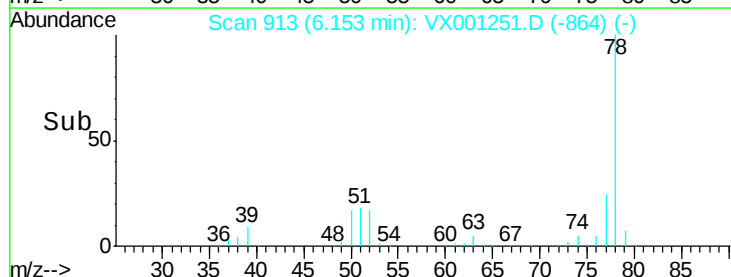
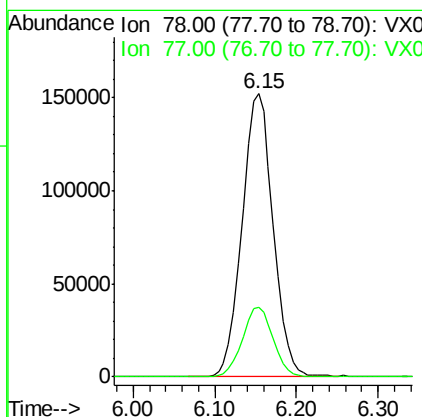
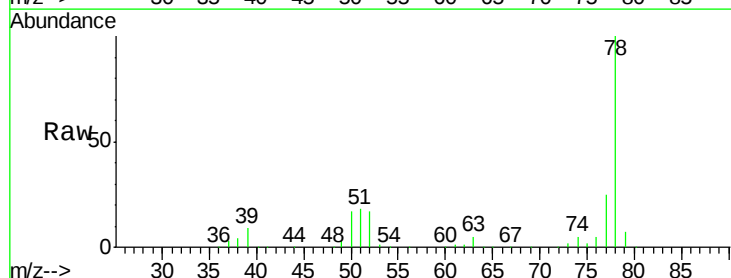
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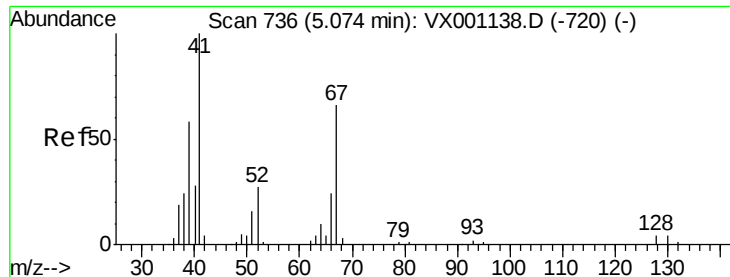
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#40
Benzene
Concen: 50.90 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





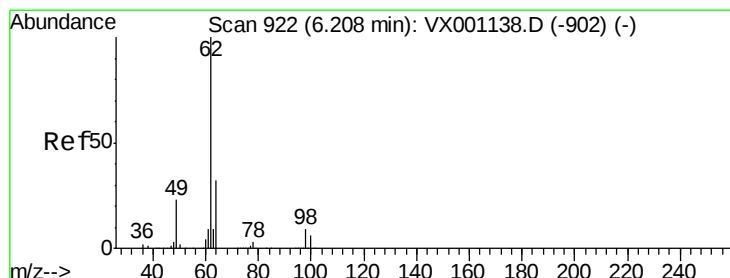
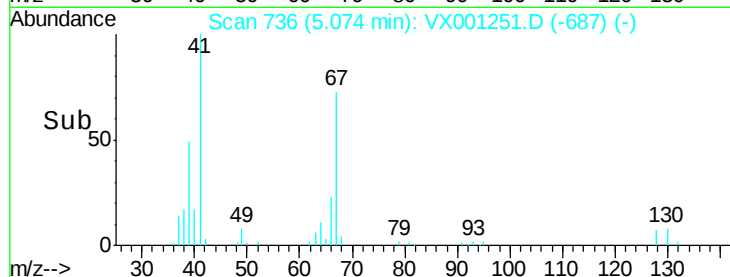
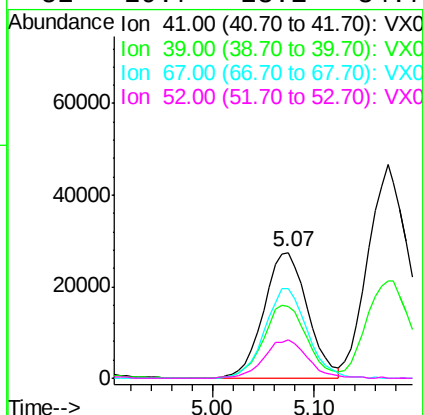
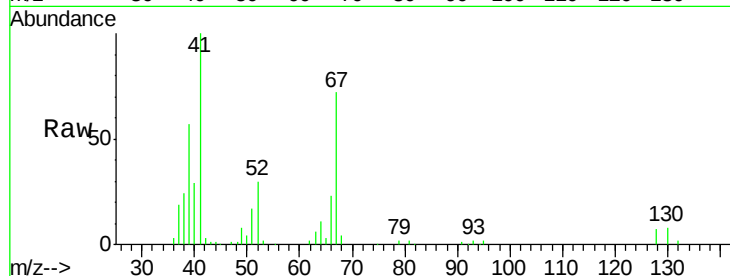
#41
Methacrylonitrile
Concen: 44.78 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.9	68.9	
67	69.2	53.2	79.8	
52	29.7	23.1	34.7	

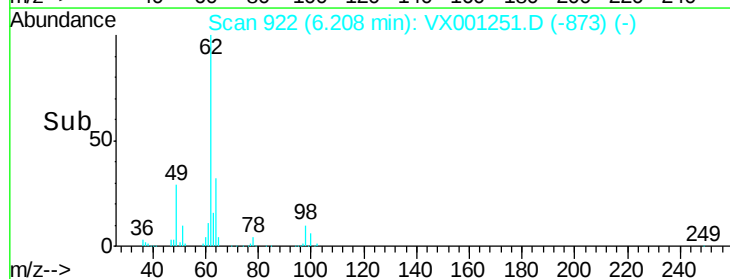
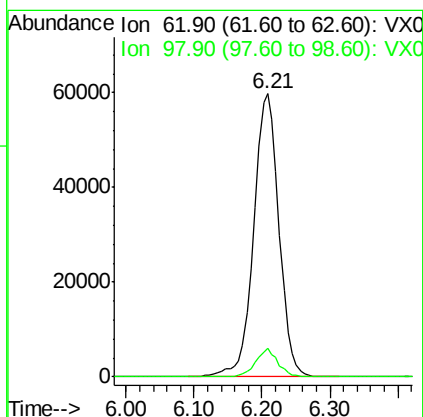
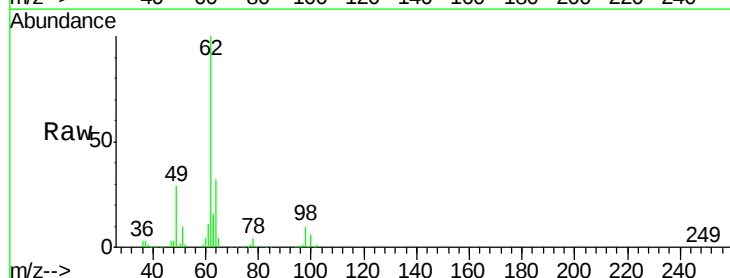
Manual Integrations
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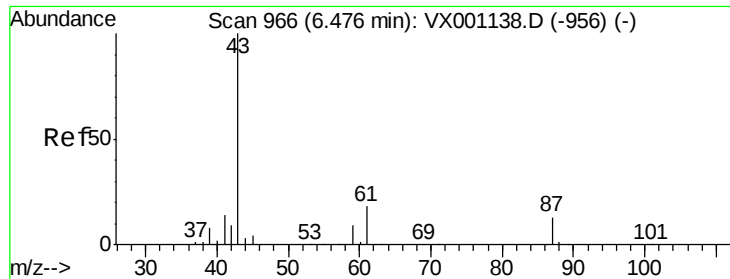
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#42
1,2-Dichloroethane
Concen: 48.71 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.0	





#43

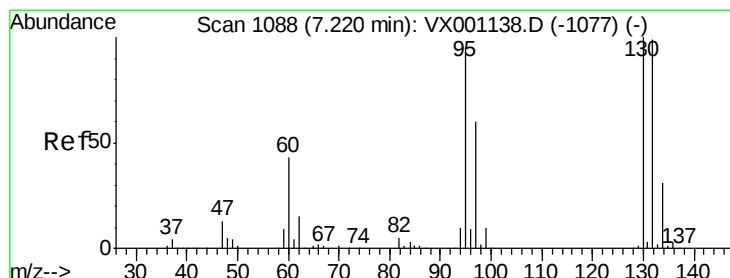
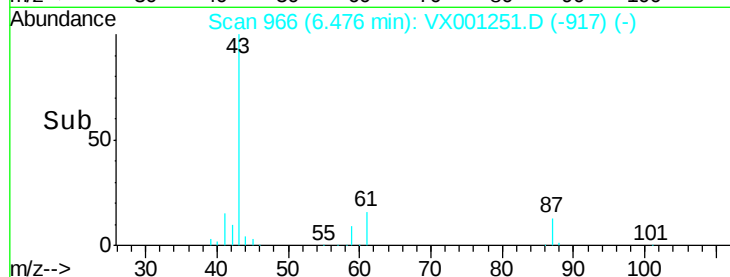
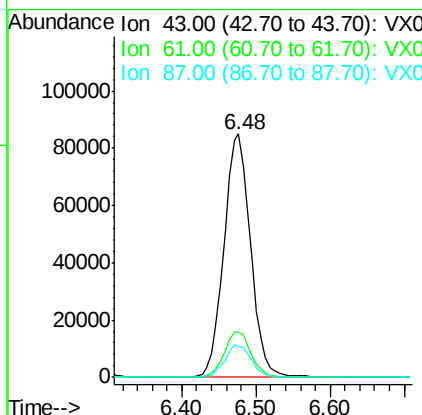
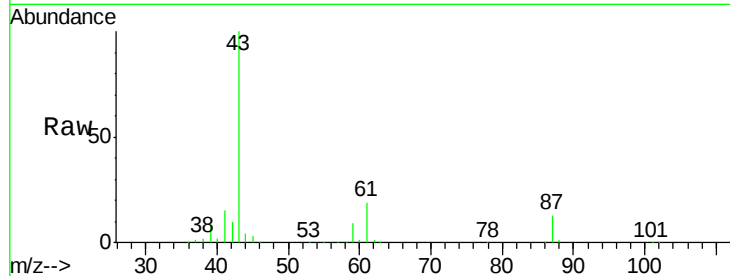
Isopropyl Acetate
 Concen: 41.10 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion:	43	Resp:	210914
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.0	22.6
87	13.4	10.3	15.5

Manual Integrations
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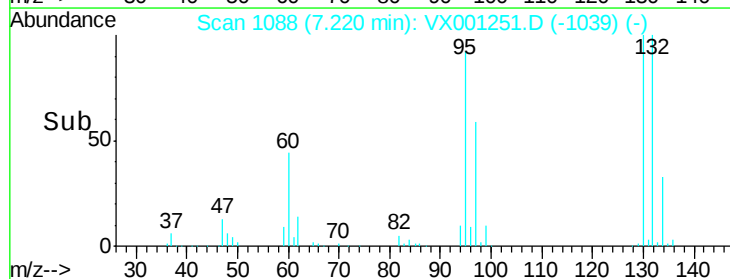
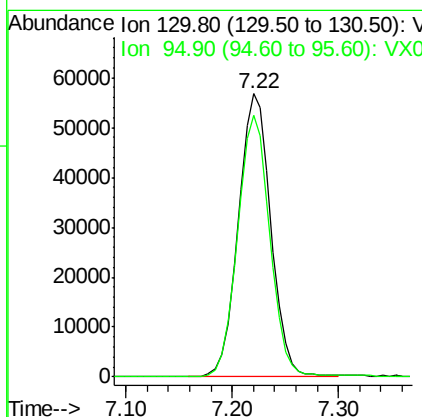
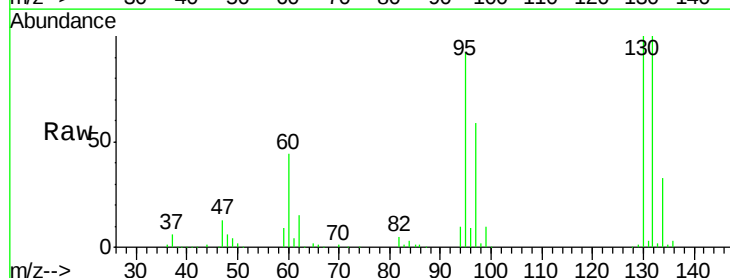
apatel
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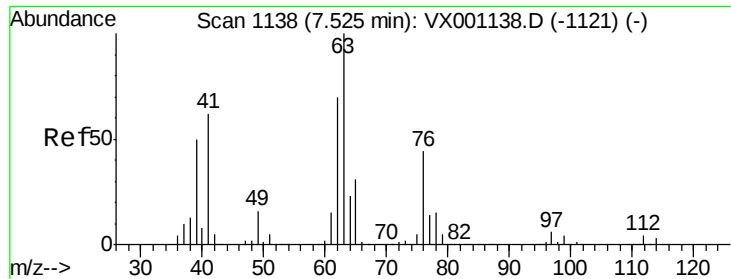


#44

Trichloroethene
 Concen: 51.83 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion:	130	Resp:	121885
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	189.6





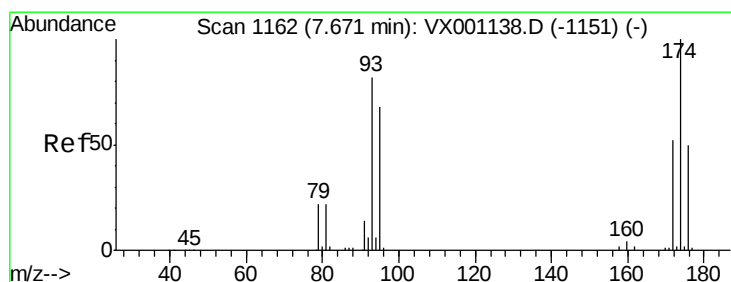
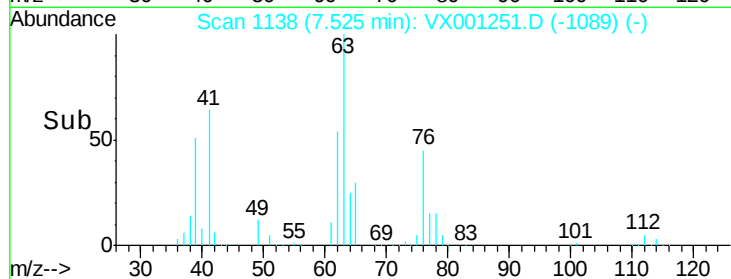
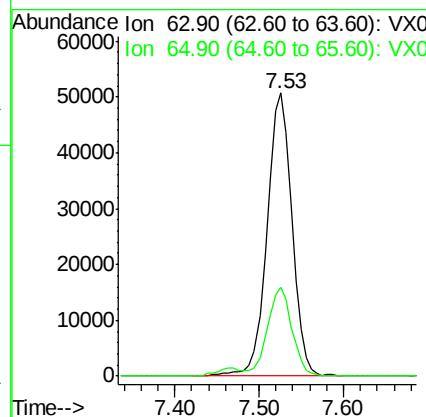
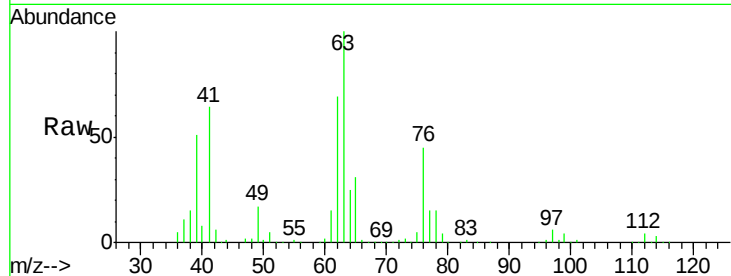
#45
 1,2-Dichloropropane
 Concen: 50.01 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

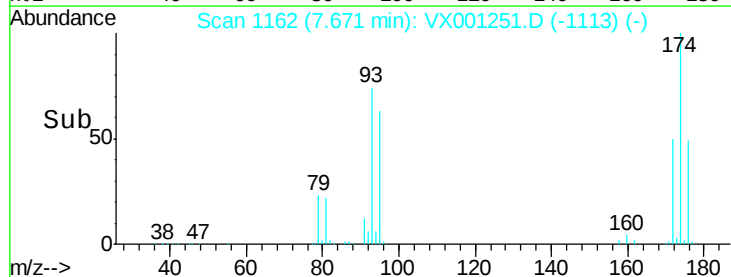
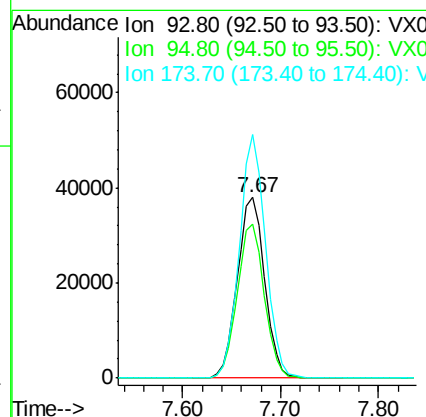
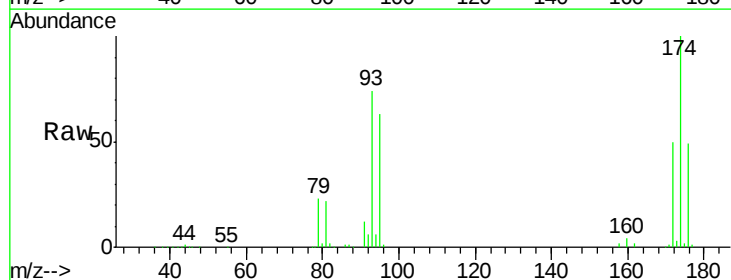
Manual Integrations
 APPROVED

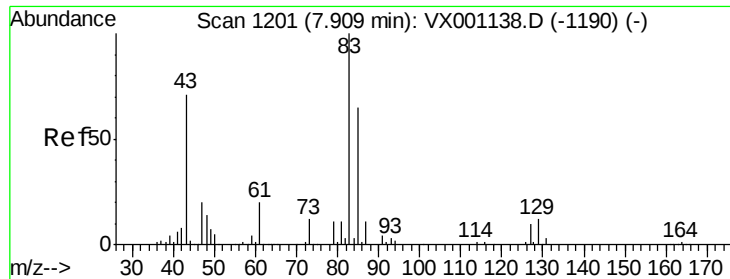
apatel
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#46
 Dibromomethane
 Concen: 51.41 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.4	99.6
174	128.4	99.6	149.4





#47

Bromodichloromethane

Concen: 52.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

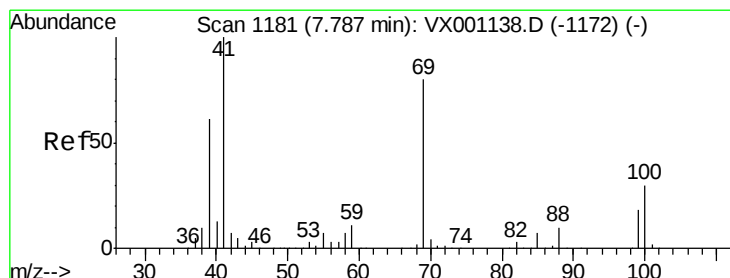
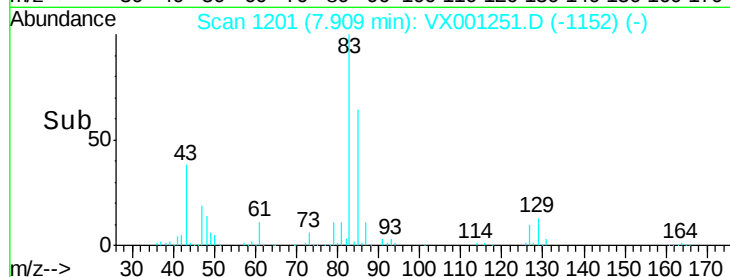
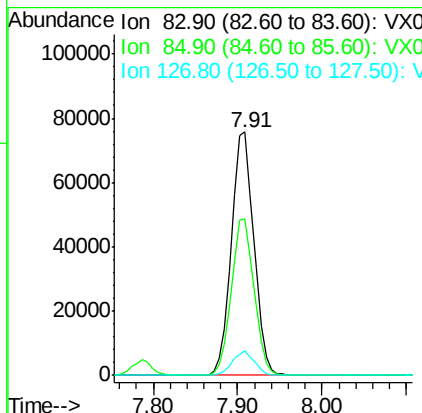
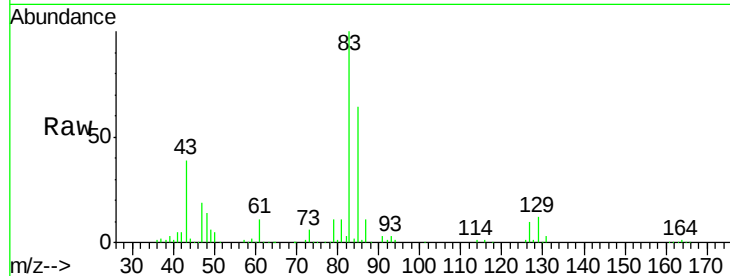
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	83	Resp:	137119
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	10.1	7.7	11.5

Manual Integrations
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apatel
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#48

Methyl methacrylate

Concen: 45.80 ug/l

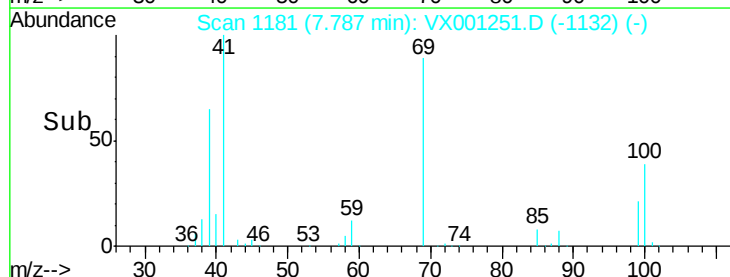
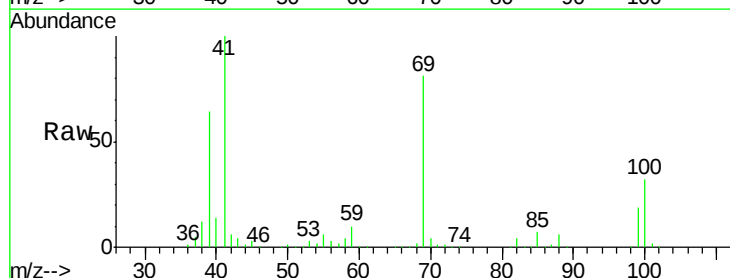
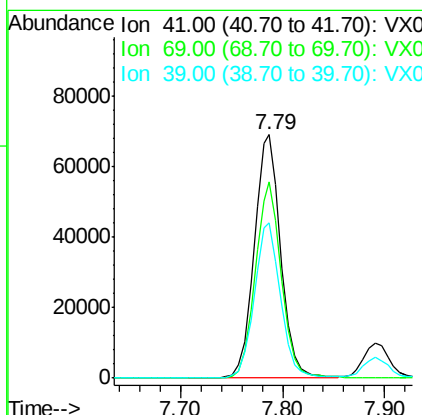
RT: 7.79 min Scan# 1181

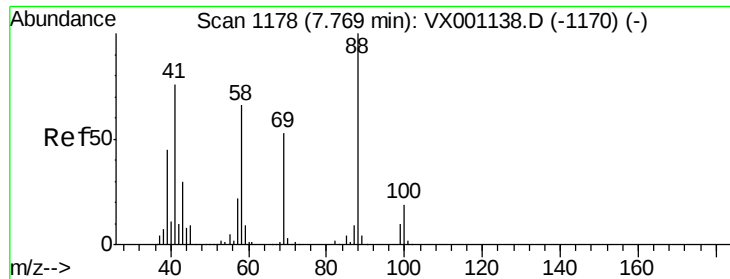
Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	41	Resp:	124942
Ion	Ratio	Lower	Upper
41	100		
69	79.3	62.4	93.6
39	63.0	48.7	73.1





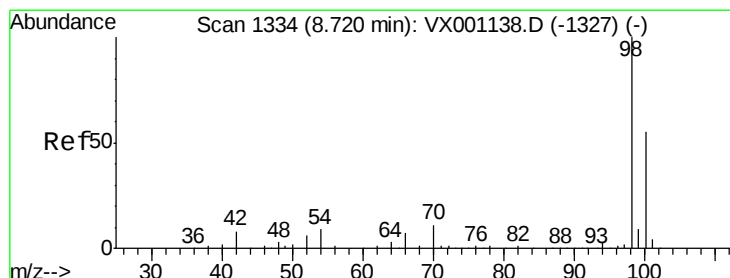
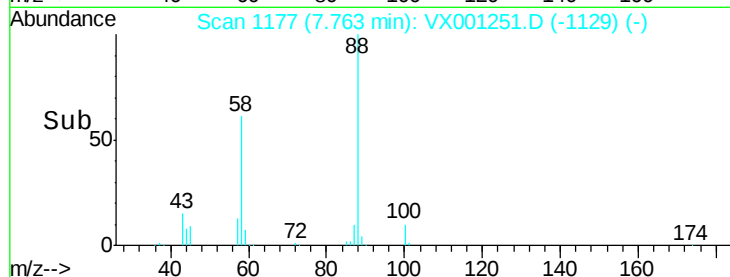
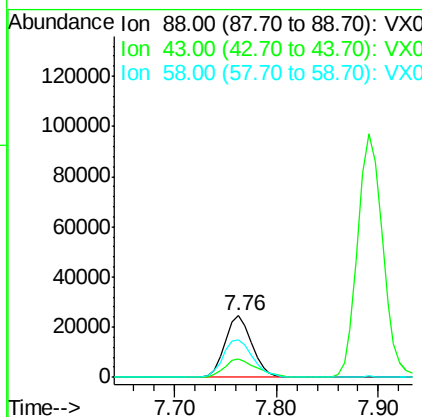
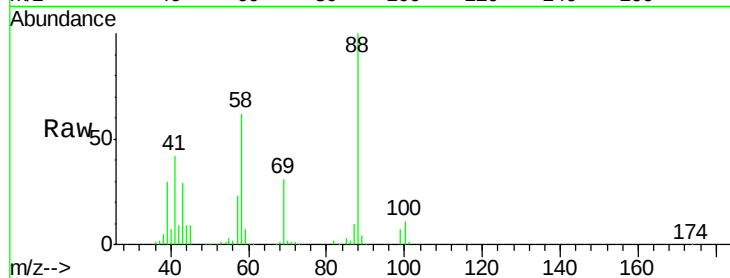
#49
1,4-Dioxane
Concen: 834.45 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.3	40.9
58	67.3	54.2	81.4

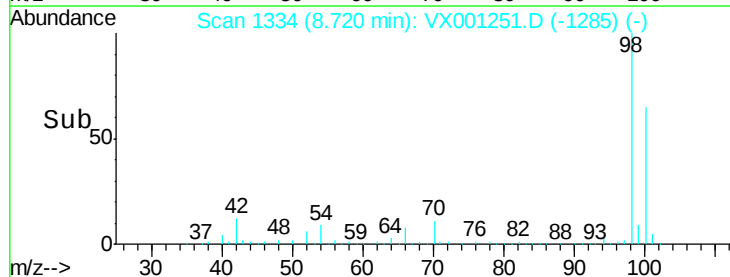
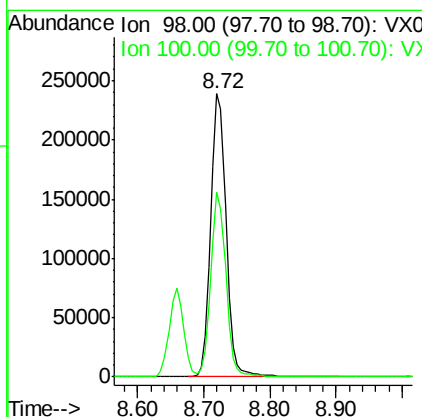
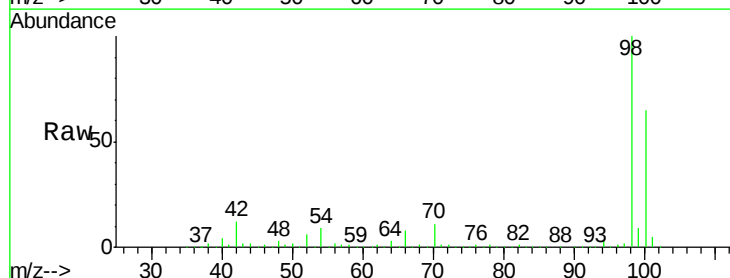
Manual Integrations
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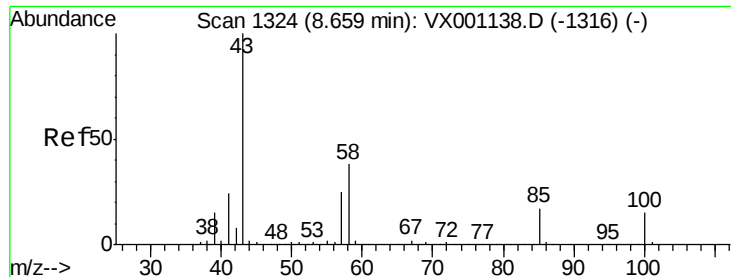
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#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 229.64 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 43 Resp: 774110

Ion Ratio Lower Upper

43 100

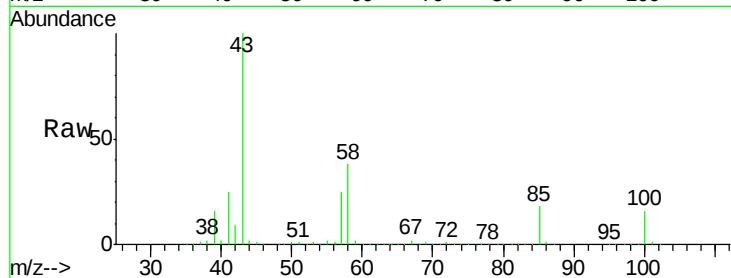
58 36.7 30.2 45.2

Manual Integrations

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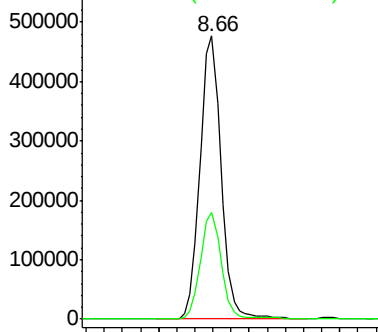
apatel

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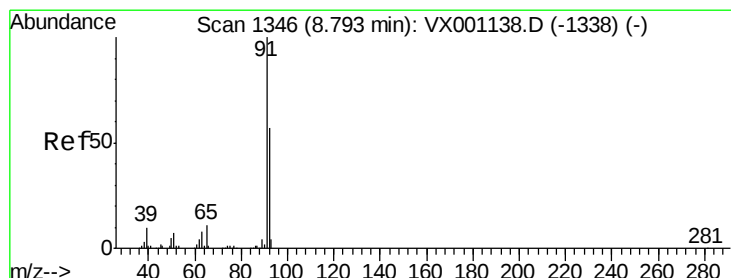
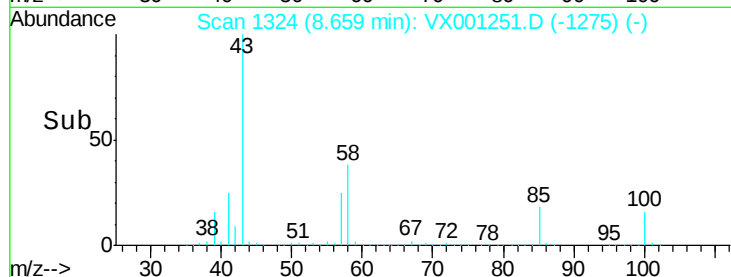


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 51.82 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001251.D

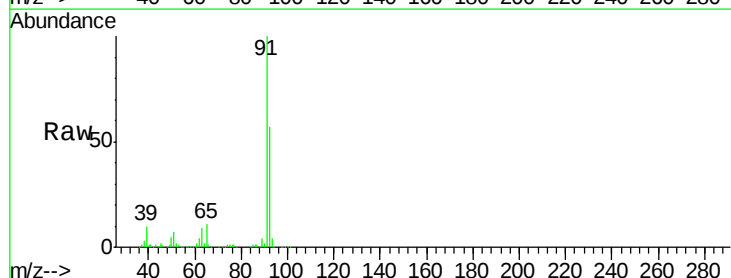
Acq: 29 Apr 2018 08:08

Tgt Ion: 92 Resp: 267493

Ion Ratio Lower Upper

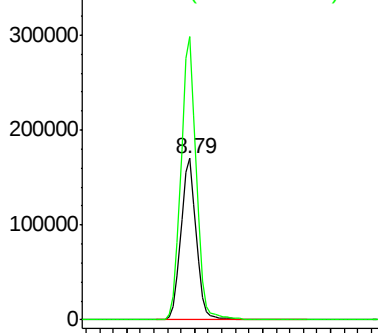
92 100

91 175.6 139.8 209.6

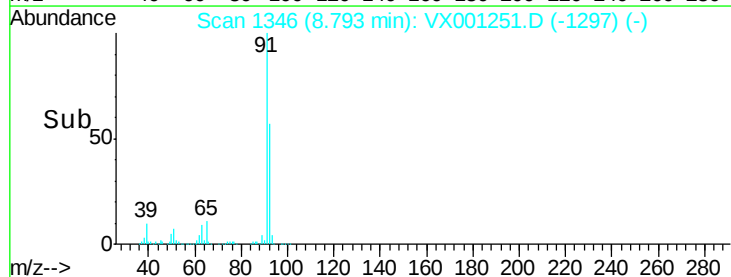


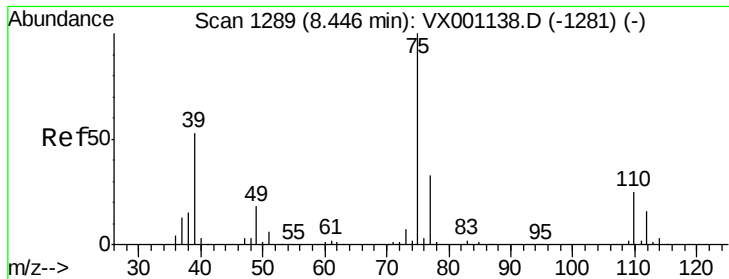
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





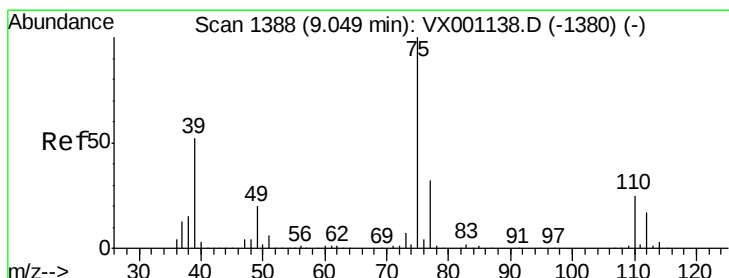
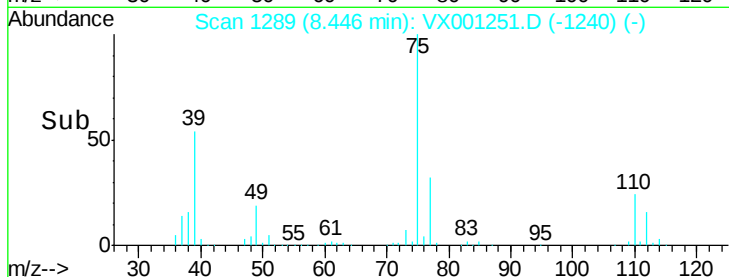
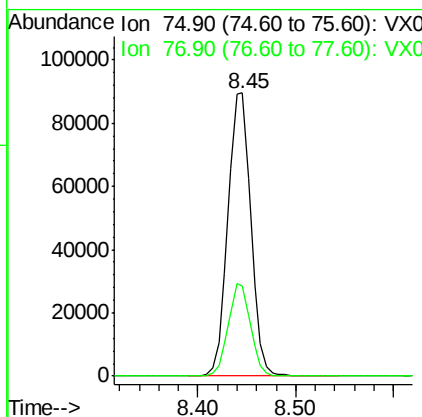
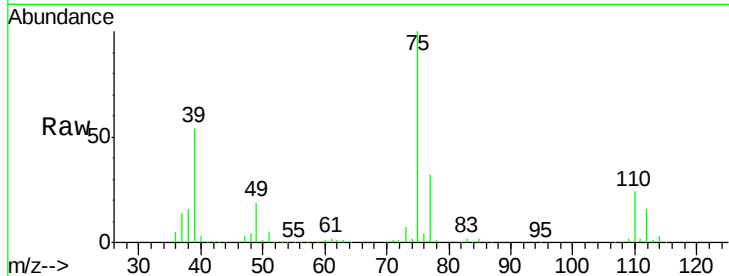
#53
t-1,3-Dichloropropene
Concen: 48.01 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion: 75 Resp: 145793
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4

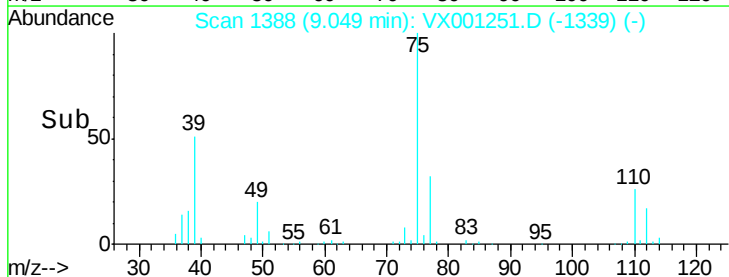
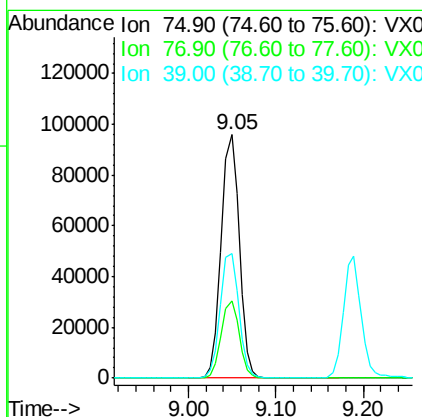
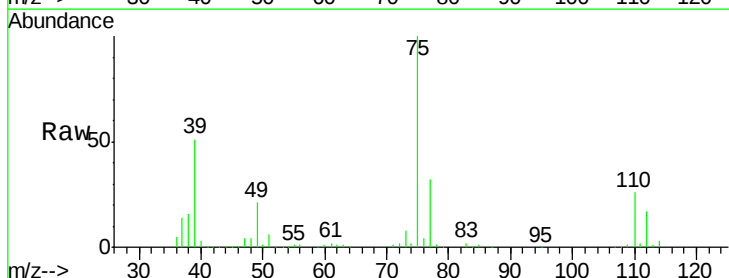
Manual Integrations
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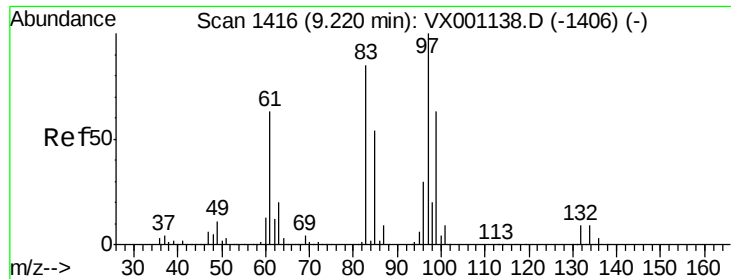
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#54
cis-1,3-Dichloropropene
Concen: 42.34 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 75 Resp: 137841
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 51.2 42.0 63.0





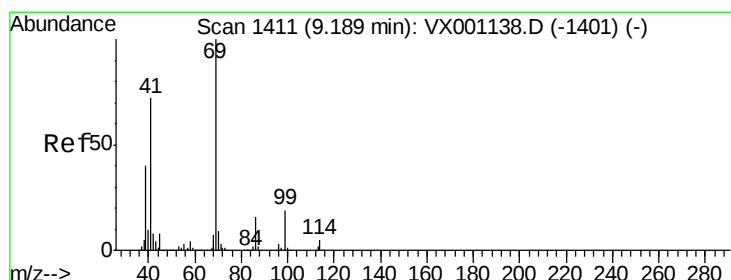
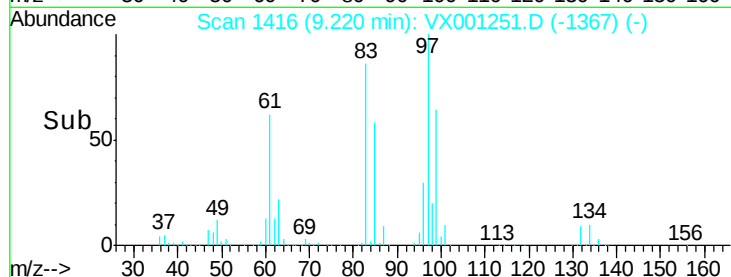
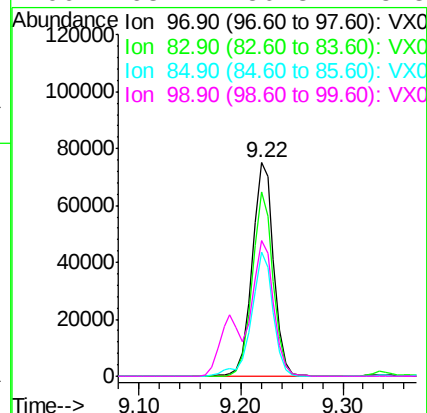
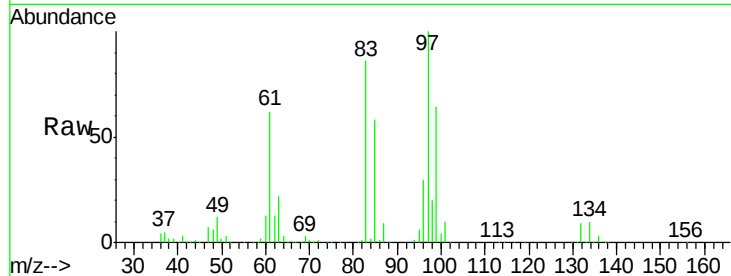
#55
1,1,2-Trichloroethane
Concen: 50.41 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	97	Resp	110094
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.0	102.0
85	57.9	42.9	64.3
99	63.7	50.3	75.5

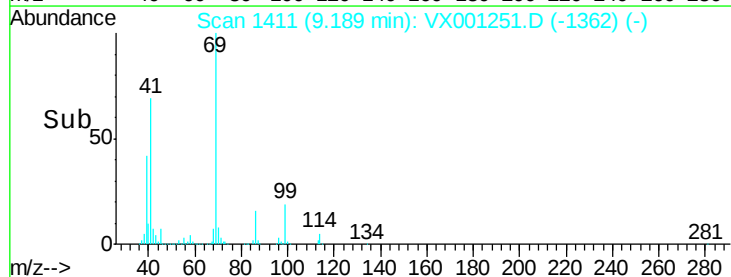
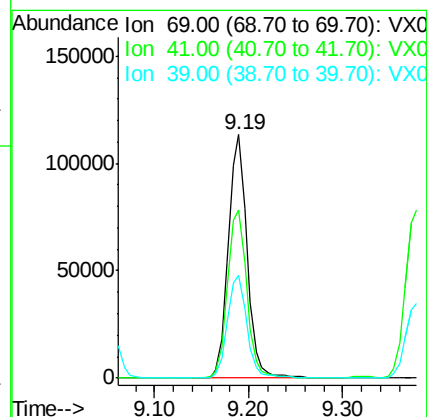
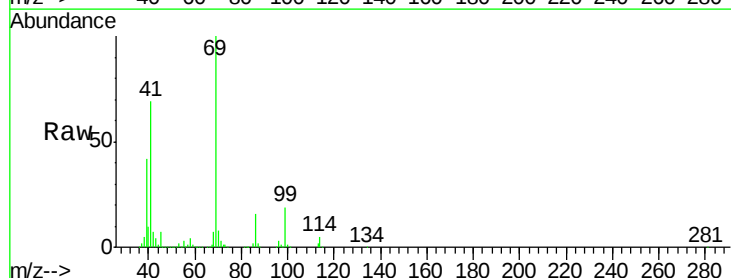
Manual Integrations
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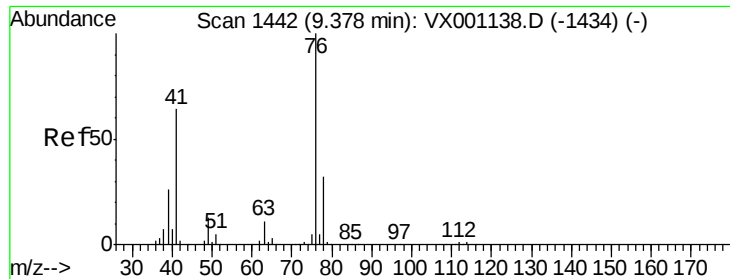
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#56
Ethyl methacrylate
Concen: 48.73 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	69	Resp	157658
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.7	86.5
39	43.3	33.3	49.9





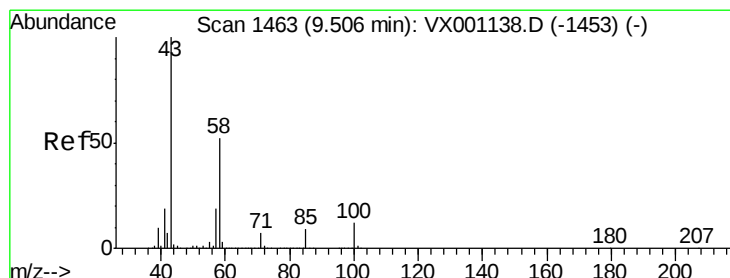
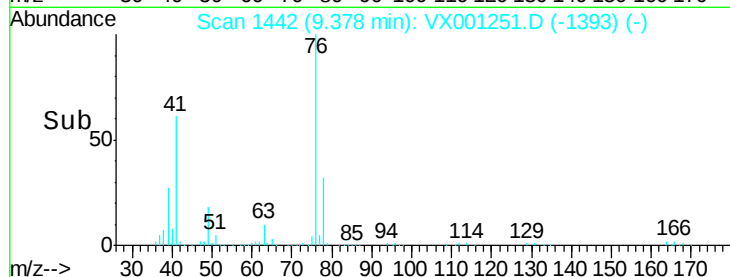
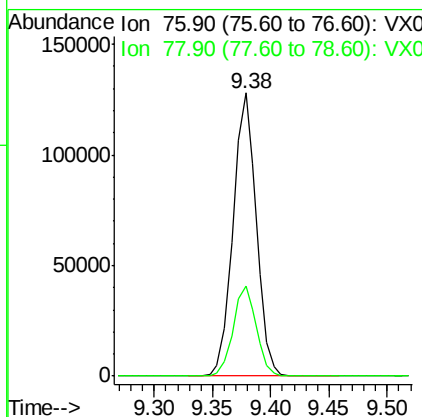
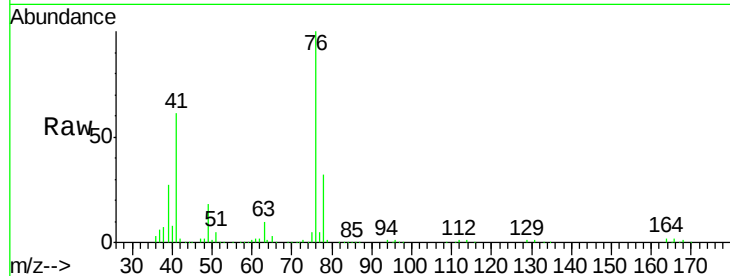
#57
 1,3-Dichloropropane
 Concen: 50.37 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

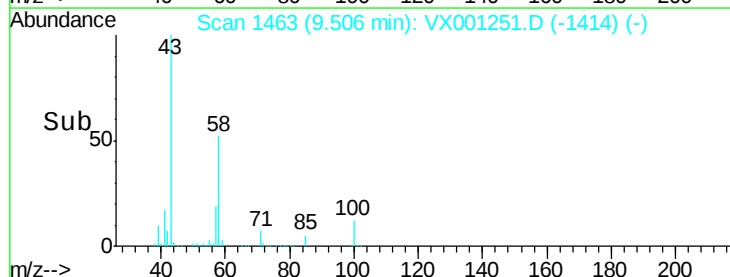
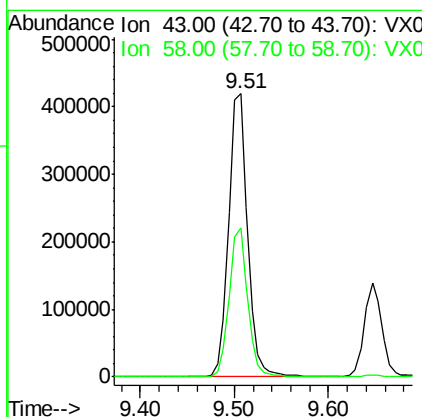
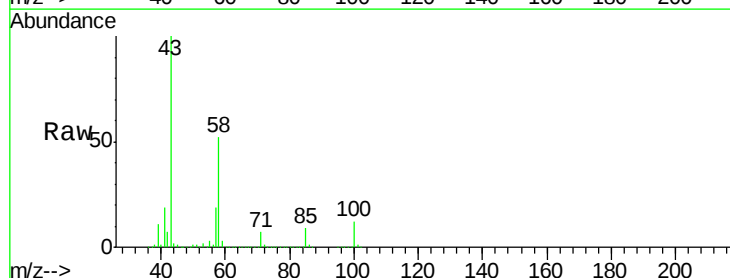
Manual Integrations
 APPROVED

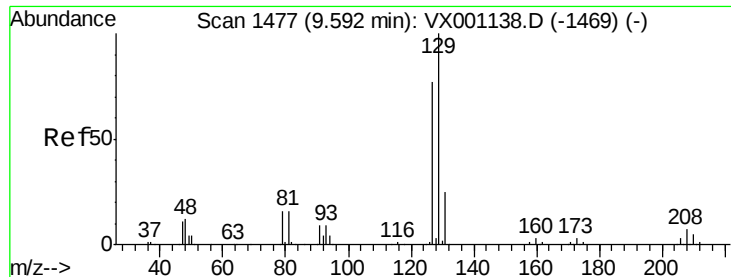
apatel
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#59
 2-Hexanone
 Concen: 222.48 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.8	77.4





#60

Dibromochloromethane

Concen: 47.37 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:129 Resp: 120370

Ion Ratio Lower Upper

129 100

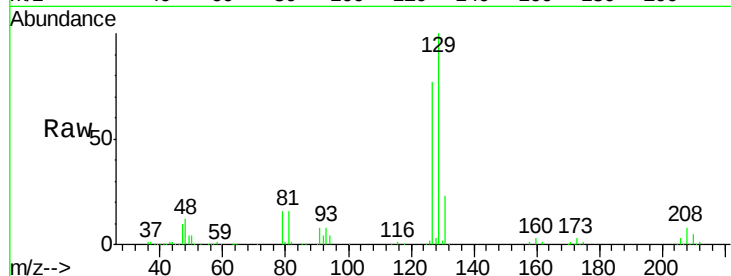
127 77.0 38.4 115.2

Manual Integrations

APPROVED

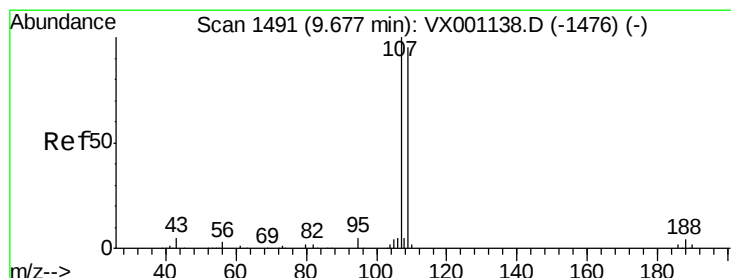
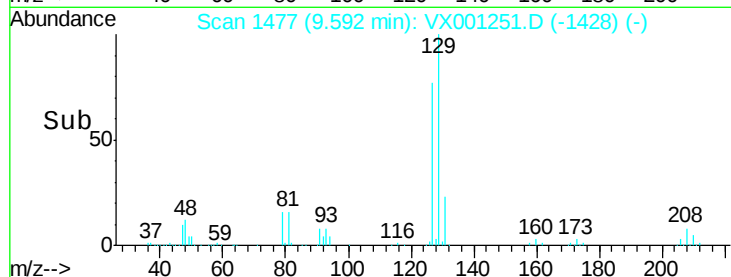
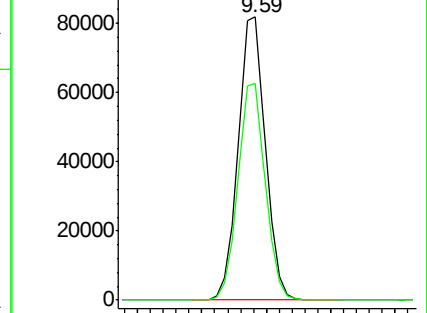
apatel

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.68 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001251.D

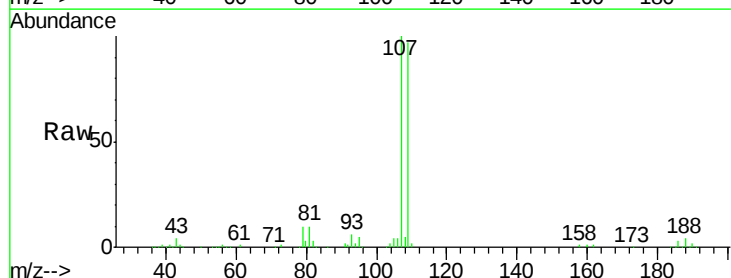
Acq: 29 Apr 2018 08:08

Tgt Ion:107 Resp: 118242

Ion Ratio Lower Upper

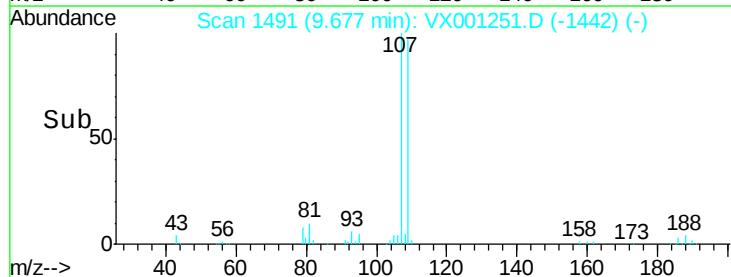
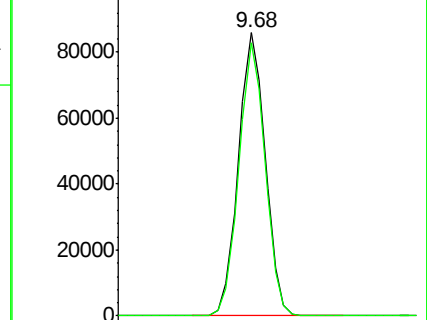
107 100

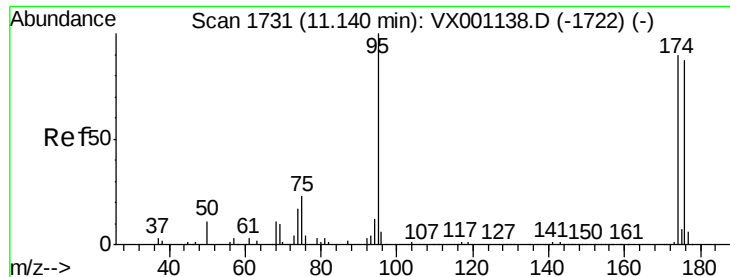
109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

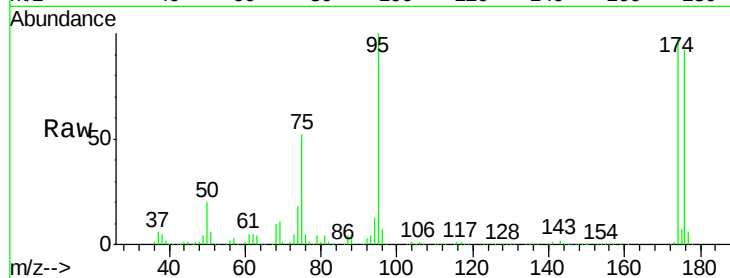
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	95	Resp:	146153
Ion Ratio	Lower	Upper	
95	100		
174	103.1	0.0	194.4
176	100.3	0.0	190.2

Manual Integrations
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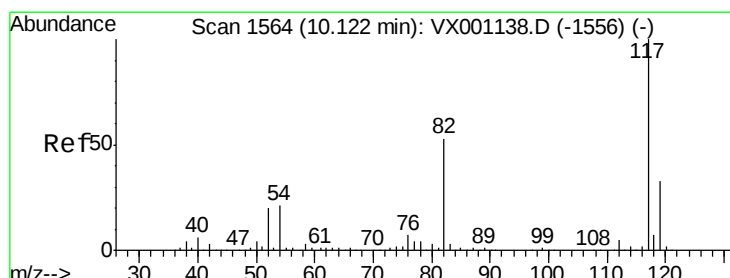
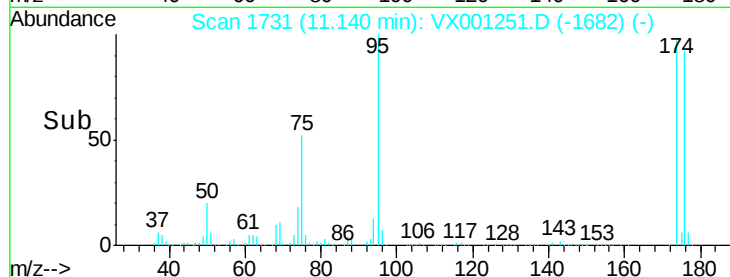
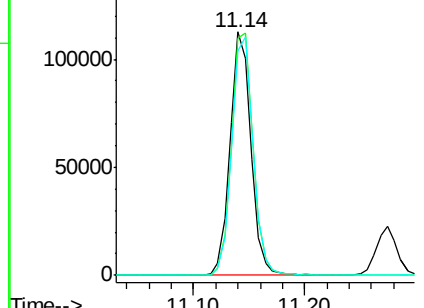
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Abundance Ion 94.90 (94.60 to 95.60): VX001138.D (-1722) (-)

Ion 173.80 (173.50 to 174.50): VX001138.D (-1722) (-)

Ion 175.80 (175.50 to 176.50): VX001138.D (-1722) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001251.D

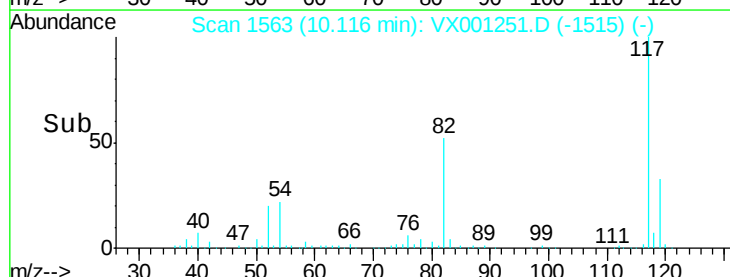
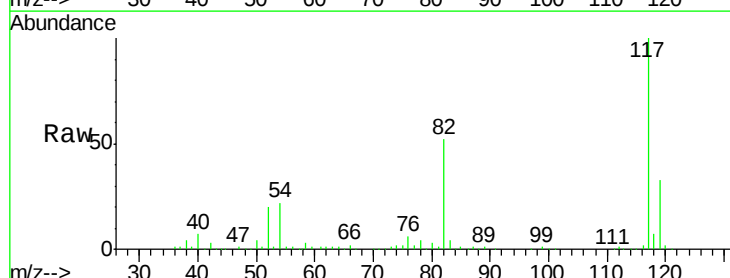
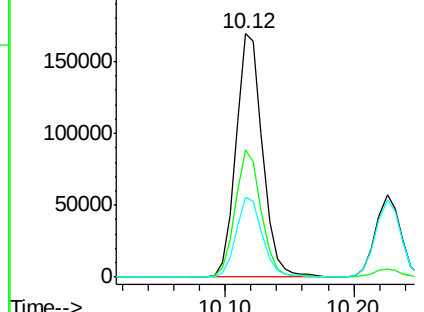
Acq: 29 Apr 2018 08:08

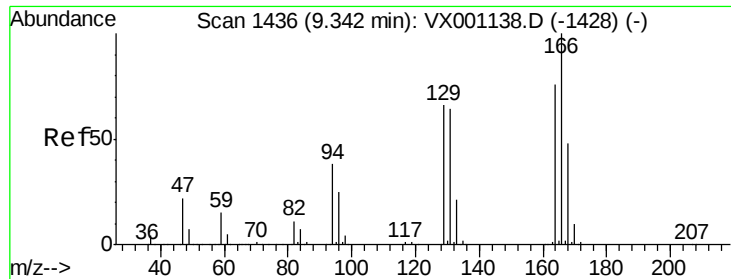
Tgt Ion:	117	Resp:	242619
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.1	63.1
119	33.0	26.1	39.1

Abundance Ion 116.90 (116.60 to 117.60): VX001138.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001138.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001138.D (-1556) (-)





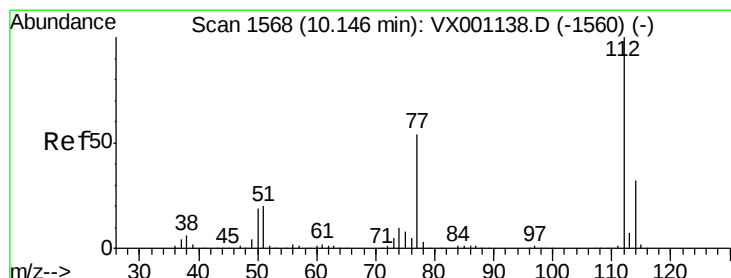
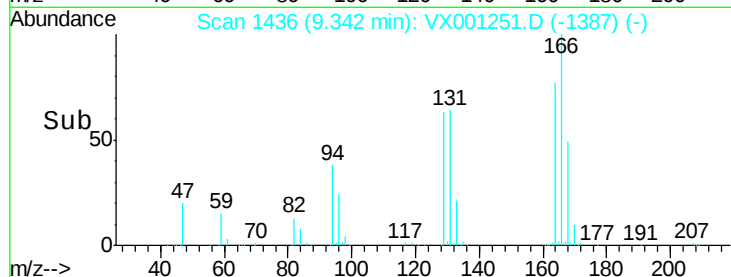
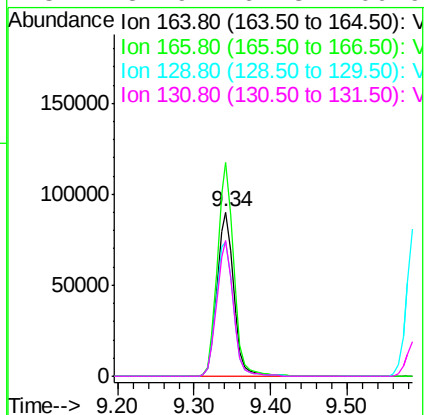
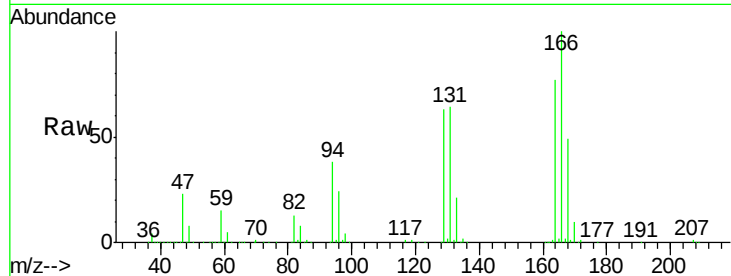
#64
 Tetrachloroethene
 Concen: 52.48 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	164	166	129	131
Ion	164	166	129	131
Ratio	100	130.0	81.9	82.9
Lower		105.0	69.4	67.3
Upper		157.6	104.2	100.9

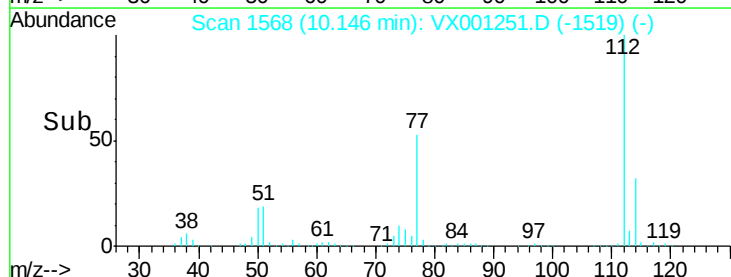
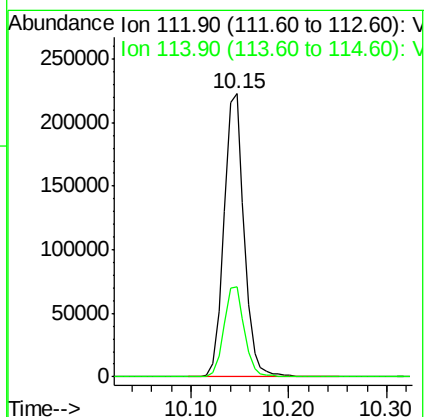
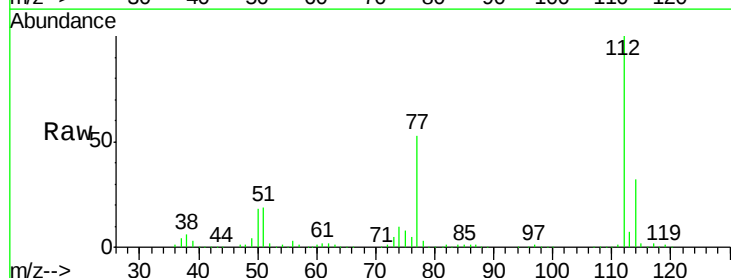
Manual Integrations
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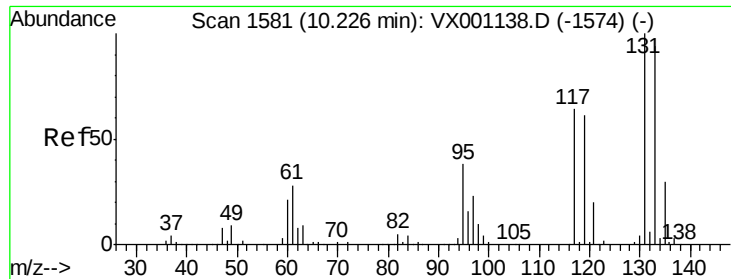
apatel
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#65
 Chlorobenzene
 Concen: 49.92 ug/l
 RT: 10.15 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt	Ion:112	Resp:	317297
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:131 Resp: 116975

Ion Ratio Lower Upper

131 100

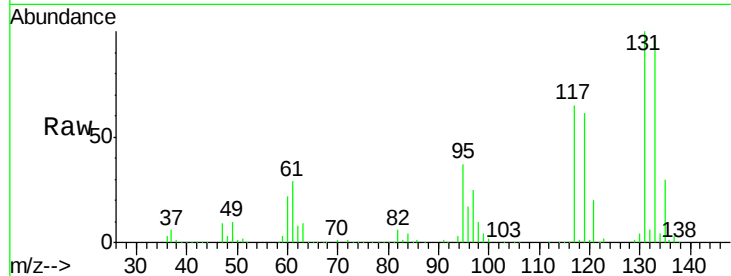
133 96.7 47.8 143.4

119 62.0 31.3 93.8

Manual Integrations
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apatel

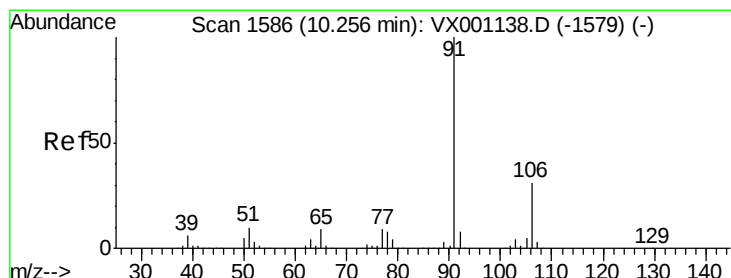
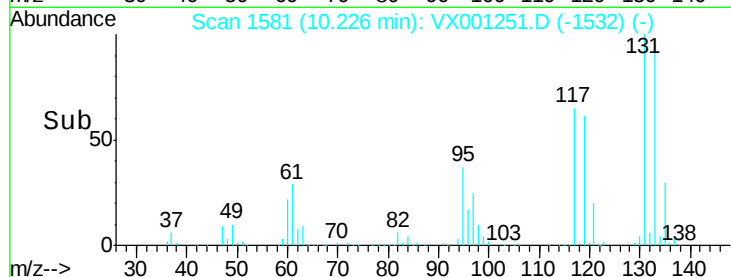
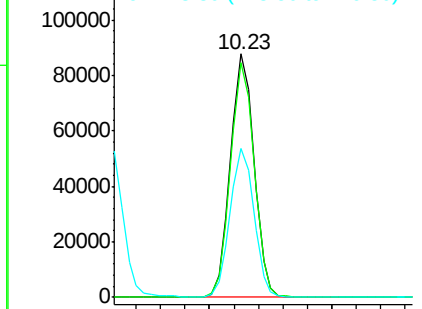
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.57 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001251.D

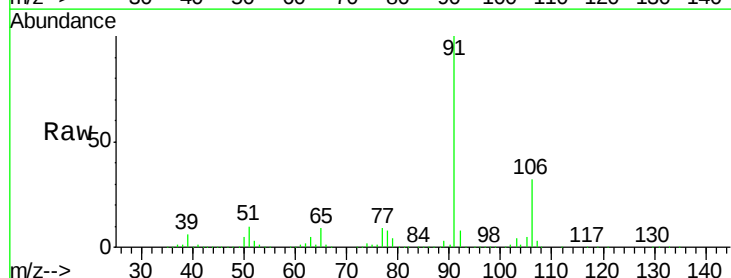
Acq: 29 Apr 2018 08:08

Tgt Ion: 91 Resp: 522253

Ion Ratio Lower Upper

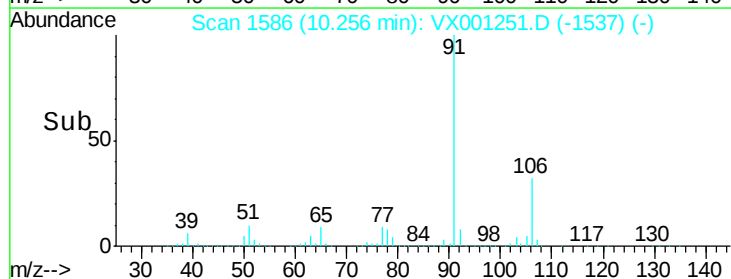
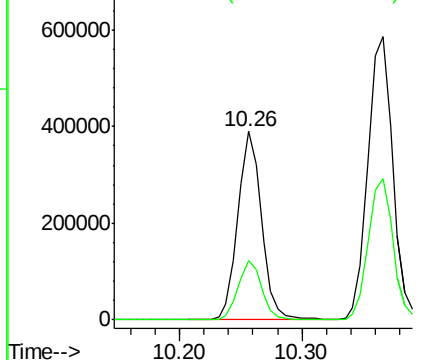
91 100

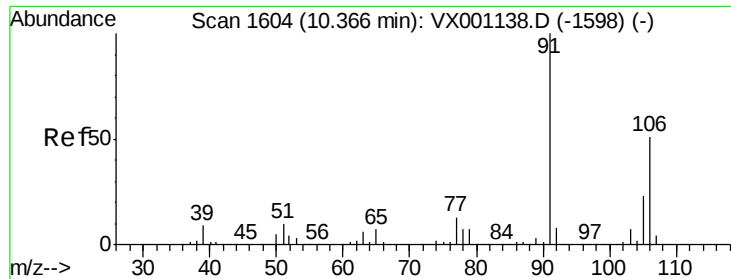
106 31.6 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





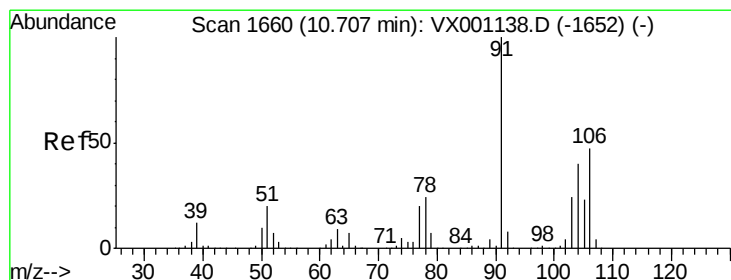
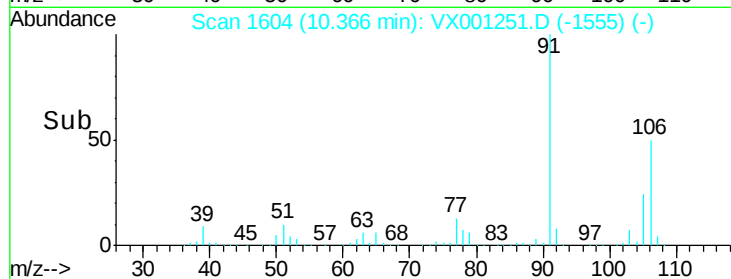
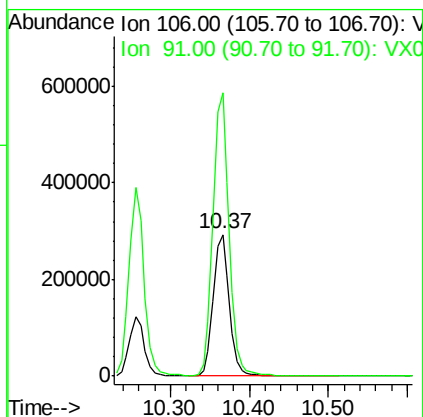
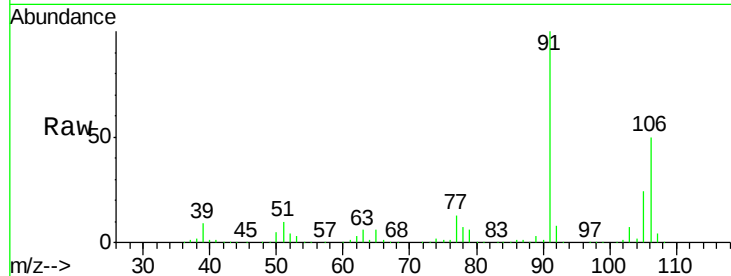
#68
m/p-Xvlenes
Concen: 102.14 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion:106 Resp: 417036
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3

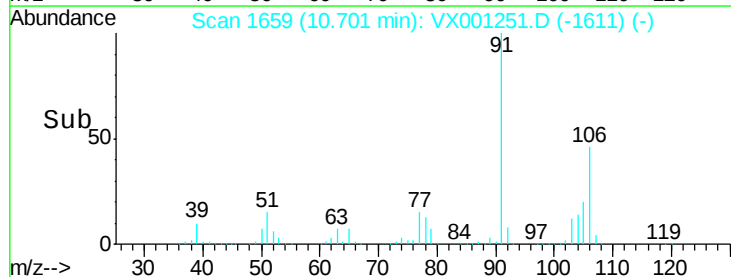
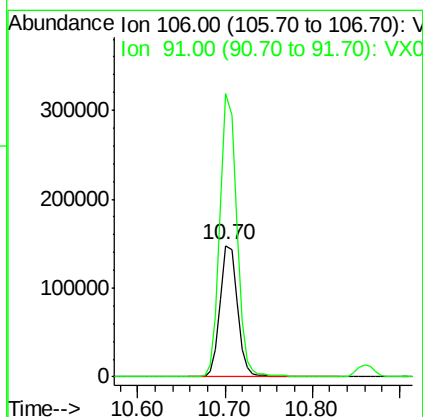
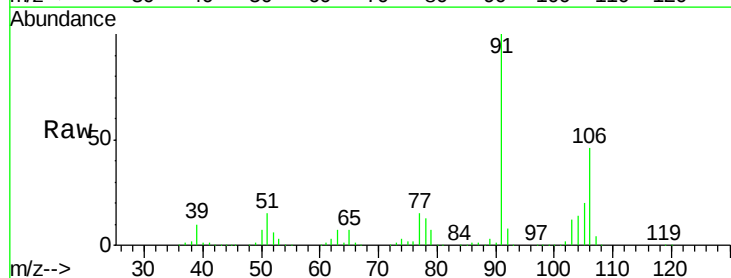
Manual Integrations
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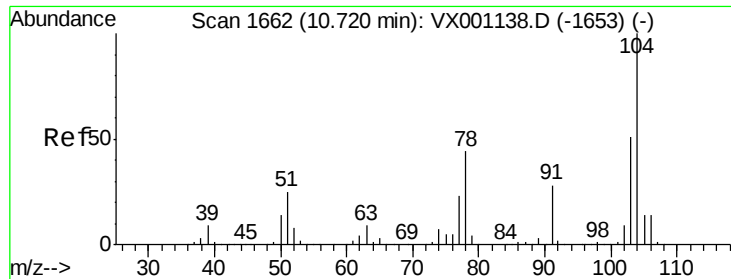
apatel
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#69
o-Xylene
Concen: 51.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:106 Resp: 202498
Ion Ratio Lower Upper
106 100
91 210.2 106.2 318.5





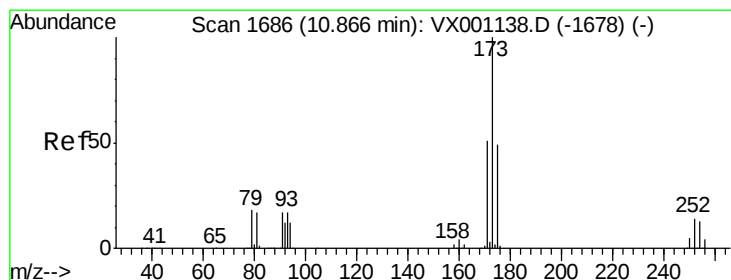
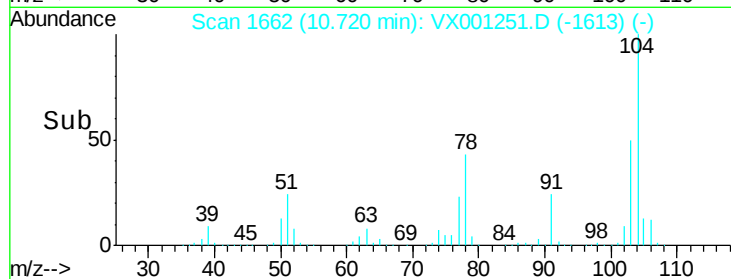
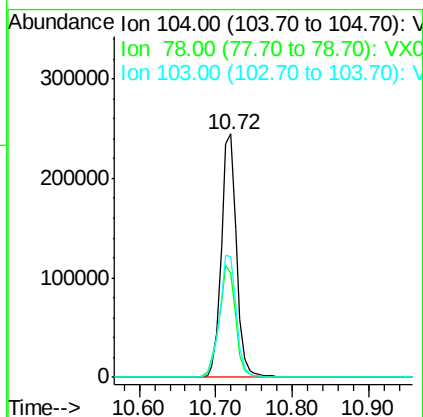
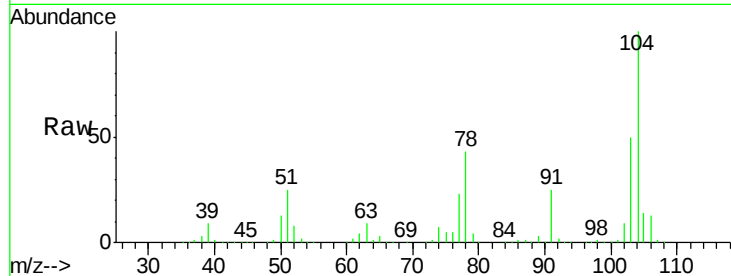
#70
Stvrene
Concen: 50.90 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	40.3	60.5
103	55.4	44.3	66.5

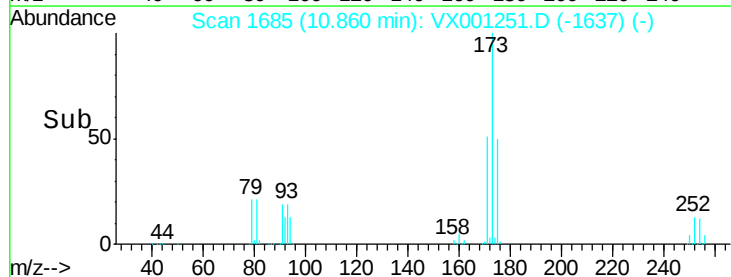
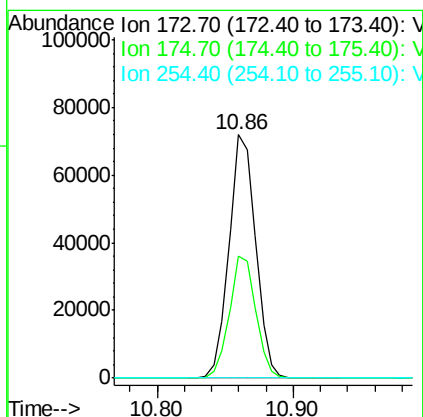
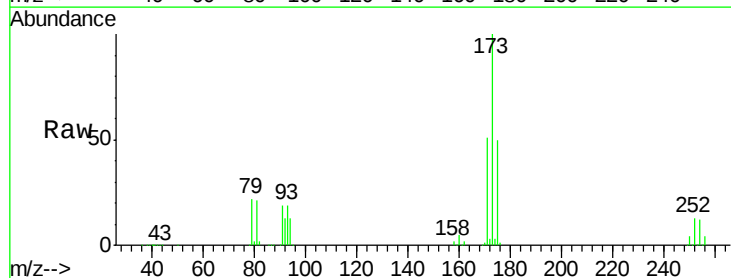
Manual Integrations
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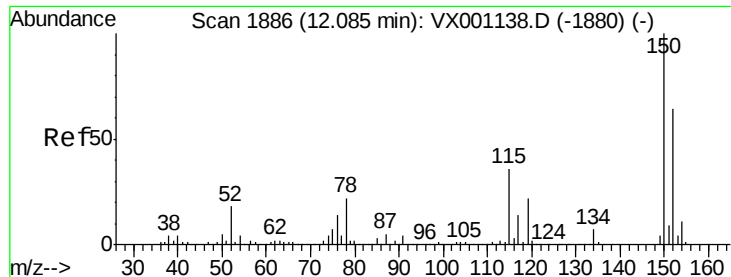
apatel
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#71
Bromoform
Concen: 43.05 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.8
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

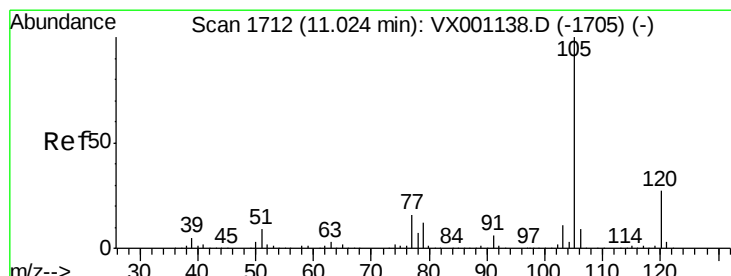
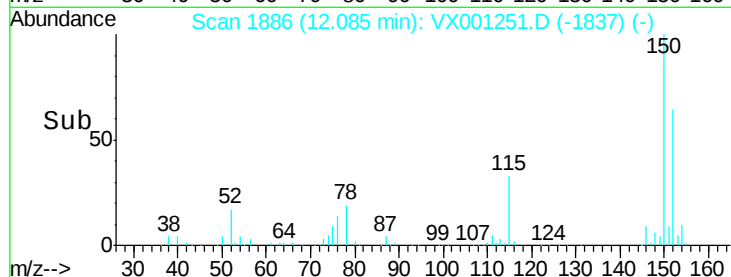
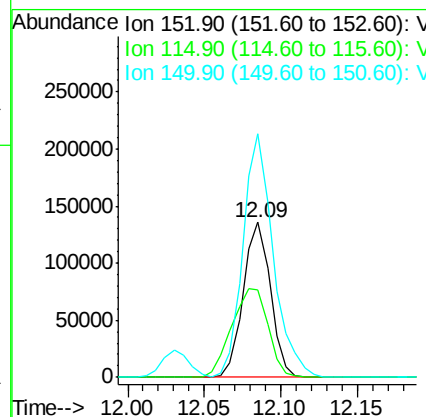
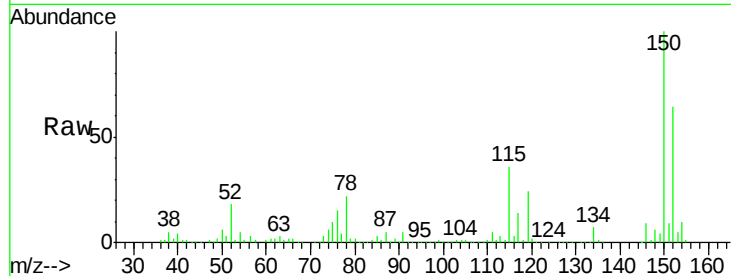
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion:	152	Resp:	167654
Ion Ratio	Lower	Upper	
152	100		
115	76.9	38.0	114.0
150	173.8	0.0	349.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 49.31 ug/l

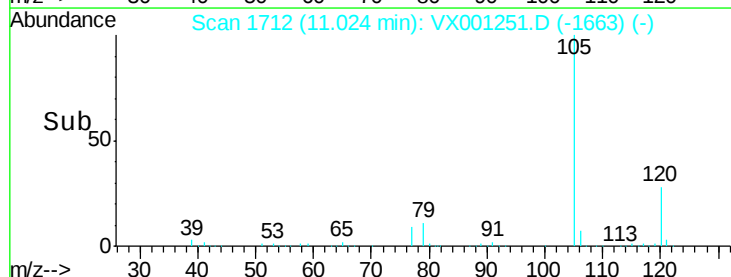
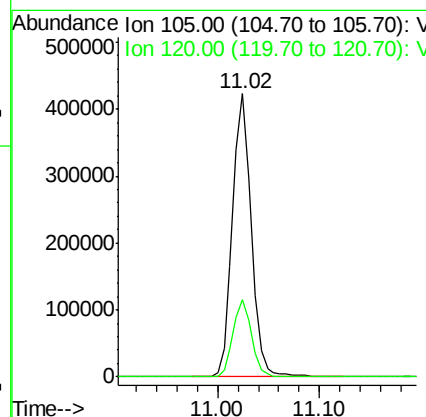
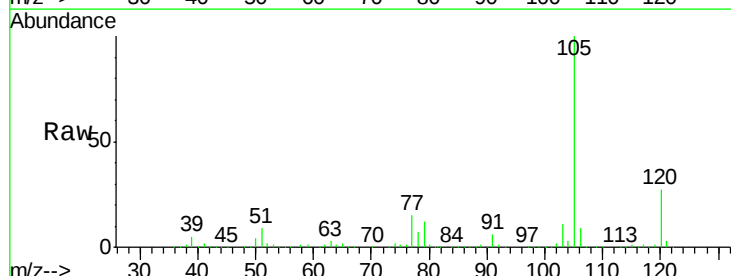
RT: 11.02 min Scan# 1712

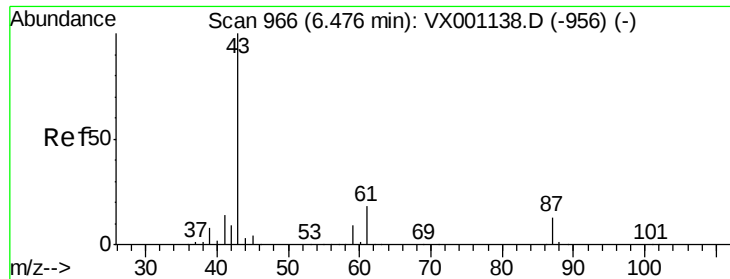
Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion:	105	Resp:	538795
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.6	40.8





#74

N-amvl acetate

Concen: 38.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

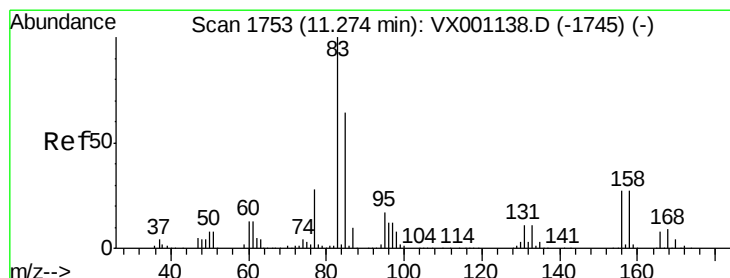
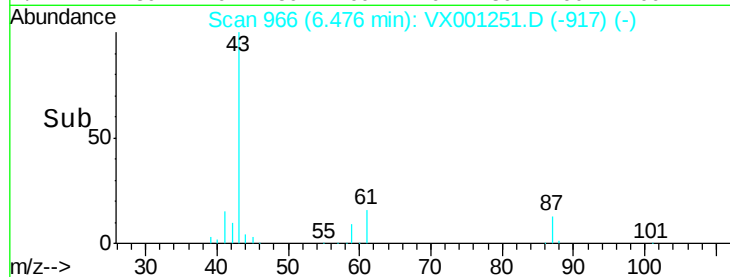
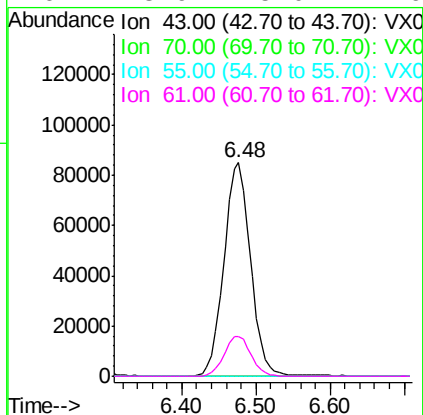
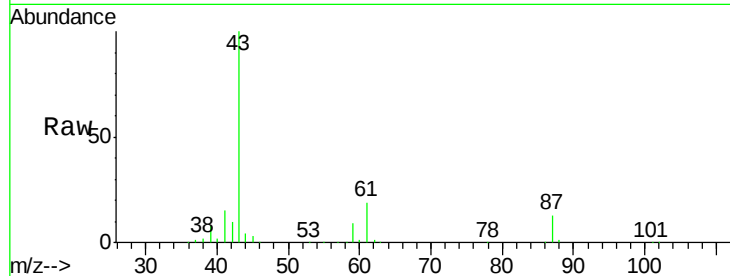
ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		210914		
70	0.0	0.0	0.0		
55	0.0	0.0	0.0		
61	18.9	15.0	22.6		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 46.21 ug/l

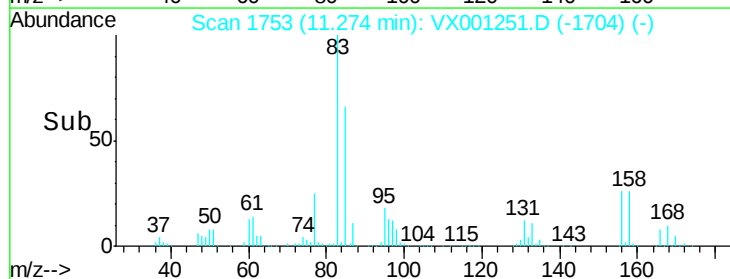
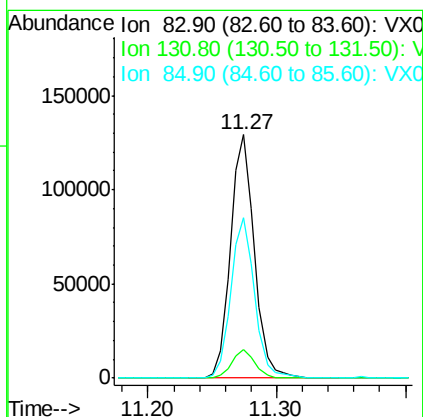
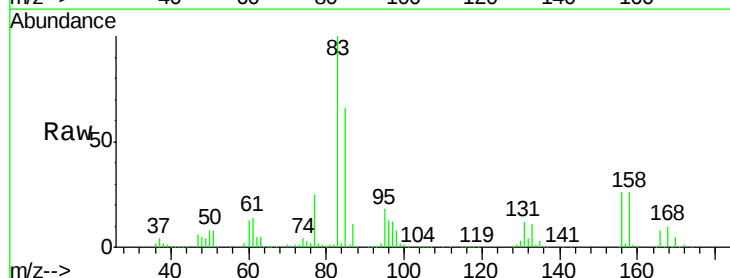
RT: 11.27 min Scan# 1753

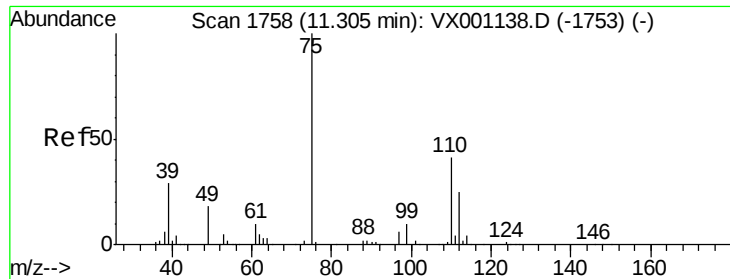
Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		167525		
131	11.5	5.8	17.4		
85	65.7	32.1	96.3		





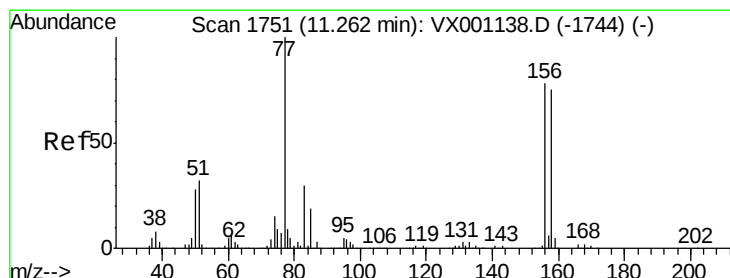
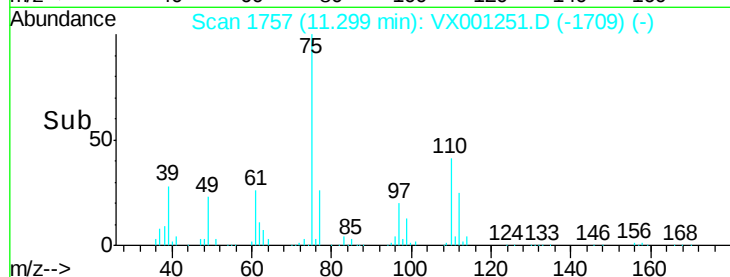
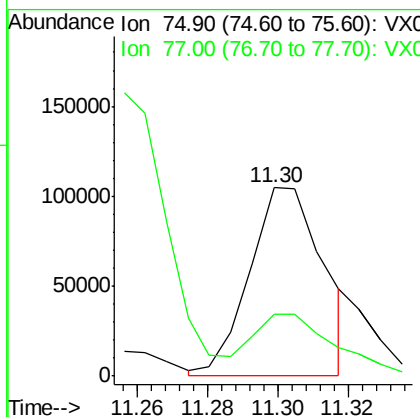
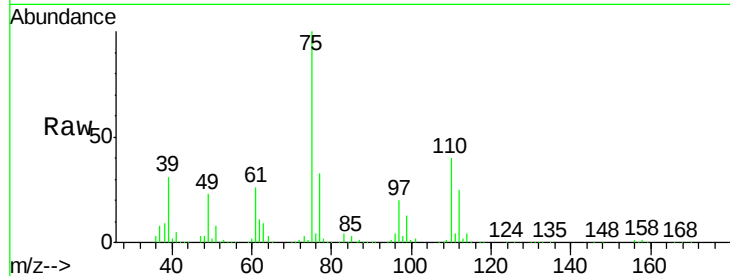
#76
1,2,3-Trichloropropane
Concen: 45.01 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion: 75 Resp: 153668
Ion Ratio Lower Upper
75 100
77 36.0 18.9 56.9

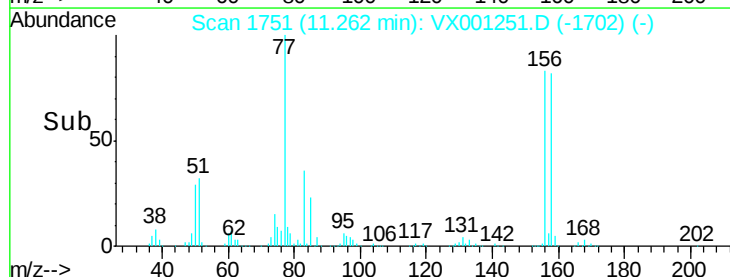
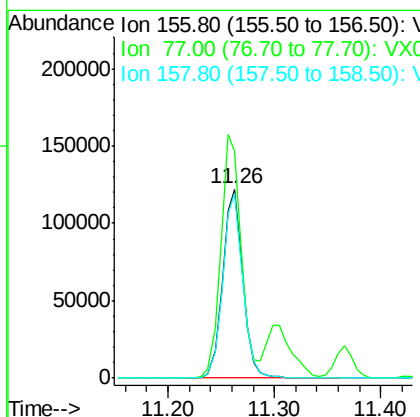
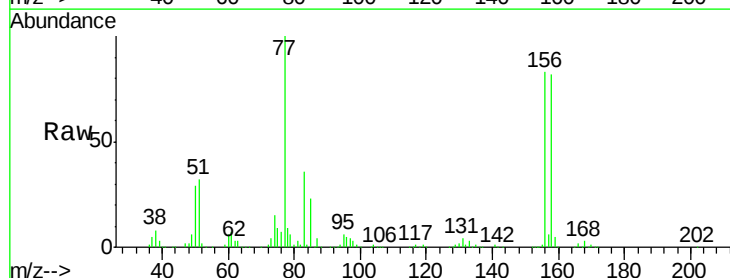
Manual Integrations
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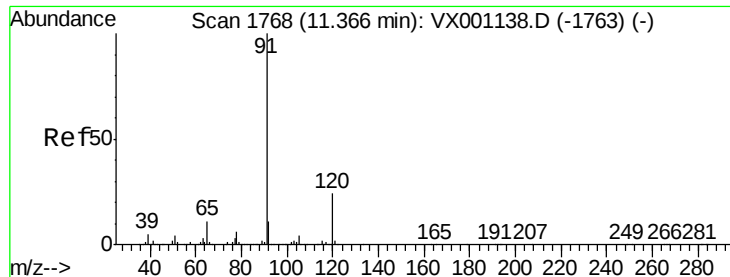
apatel
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#77
Bromobenzene
Concen: 49.58 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 156 Resp: 160660
Ion Ratio Lower Upper
156 100
77 131.5 67.8 203.2
158 97.5 48.9 146.7





#78

n-propylbenzene

Concen: 49.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MS

Tot Ion: 91 Resp: 598339

Ion Ratio Lower Upper

91 100

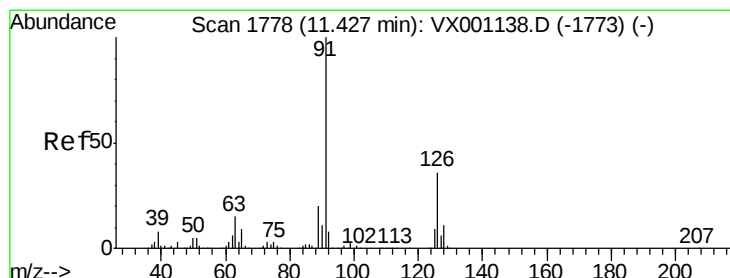
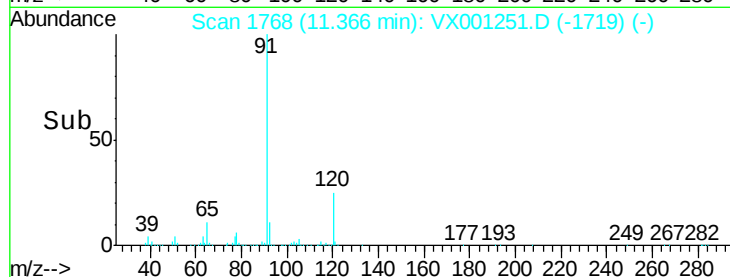
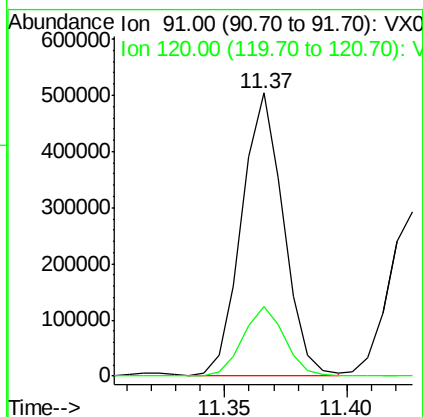
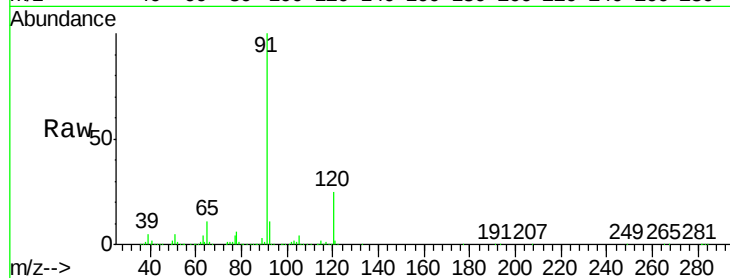
120 25.0 12.2 36.6

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001251.D

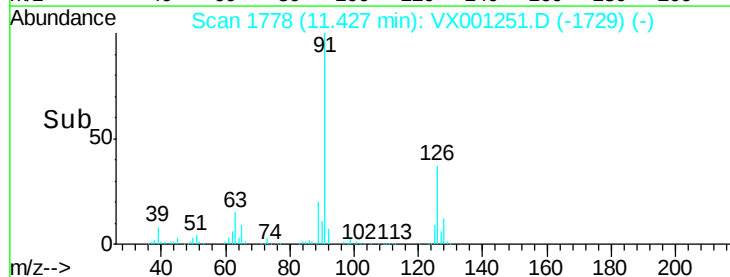
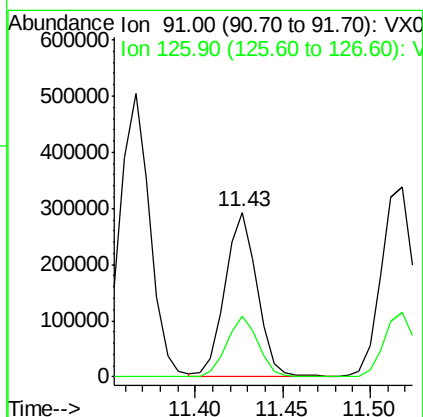
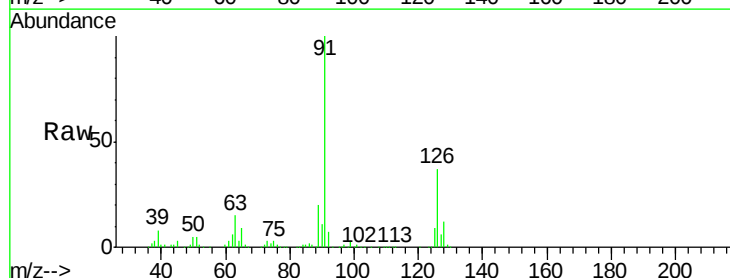
Acq: 29 Apr 2018 08:08

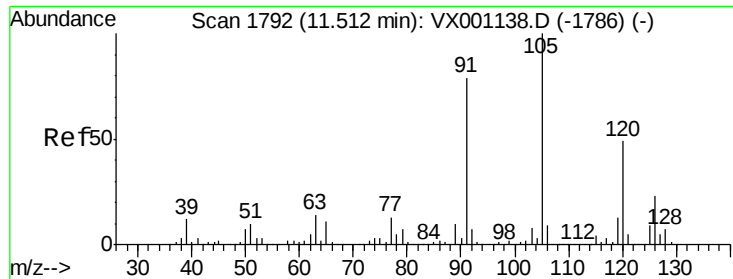
Tgt Ion: 91 Resp: 371227

Ion Ratio Lower Upper

91 100

126 36.5 18.2 54.6





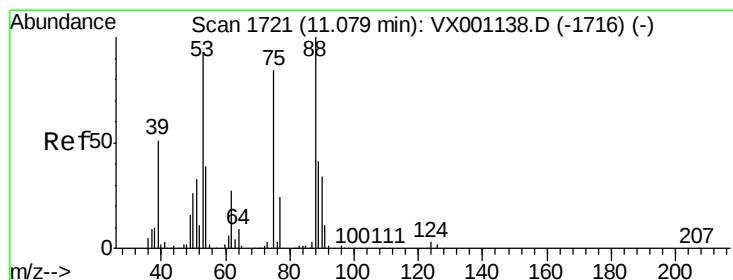
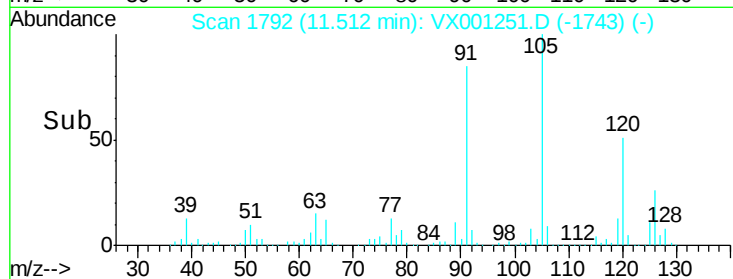
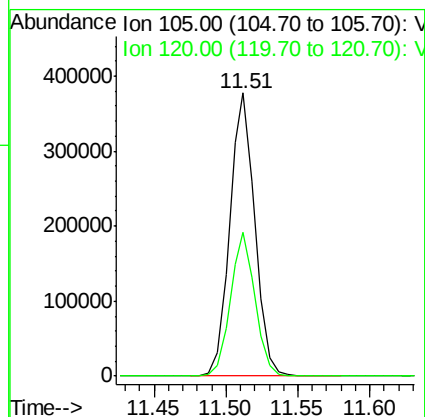
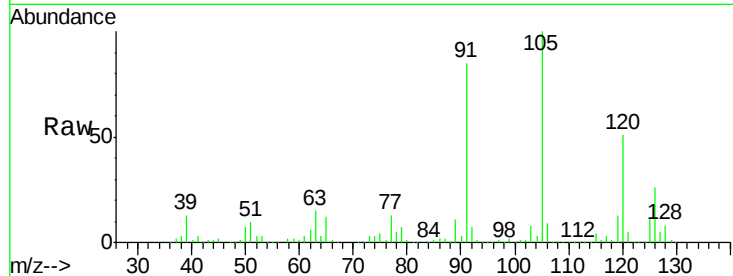
#80
 1,3,5-Trimethylbenzene
 Concen: 49.65 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion:105 Resp: 459342
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0

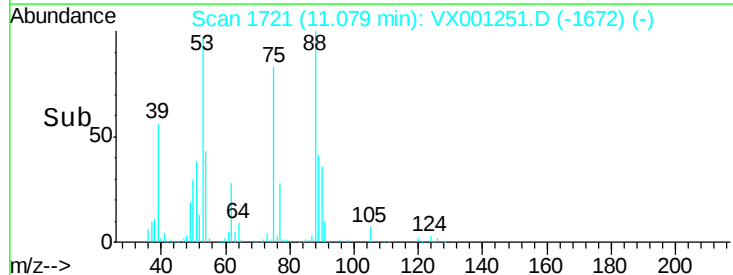
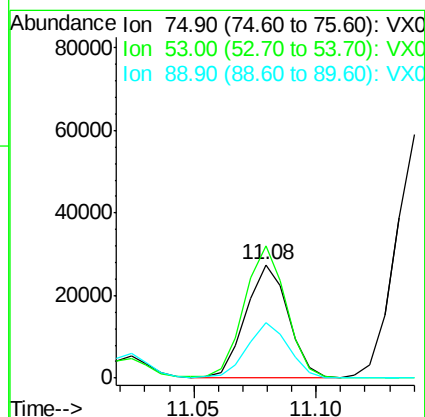
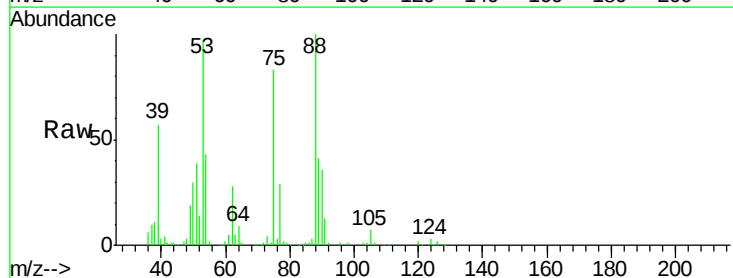
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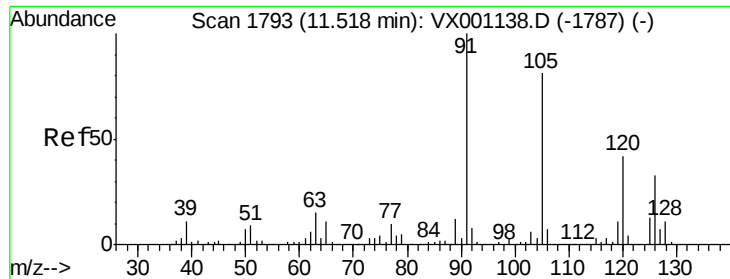
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.84 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion: 75 Resp: 33147
 Ion Ratio Lower Upper
 75 100
 53 116.0 87.9 131.9
 89 48.3 37.7 56.5





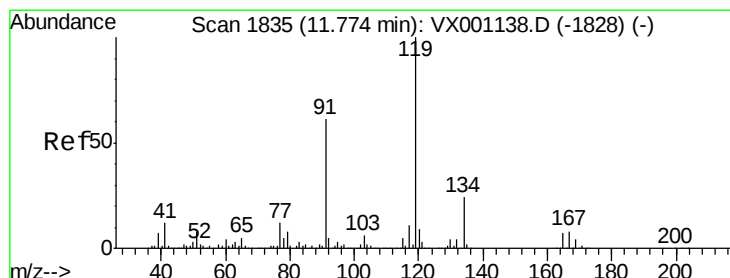
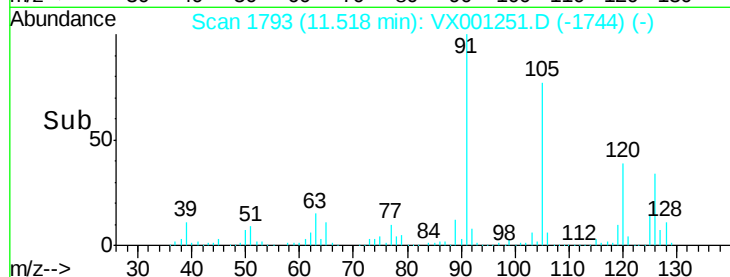
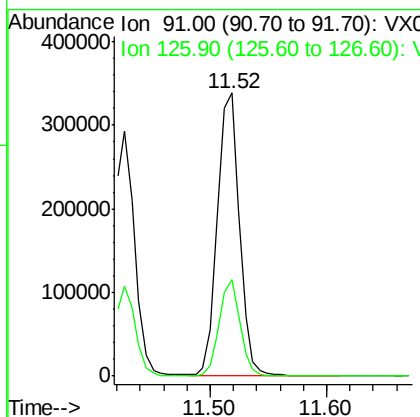
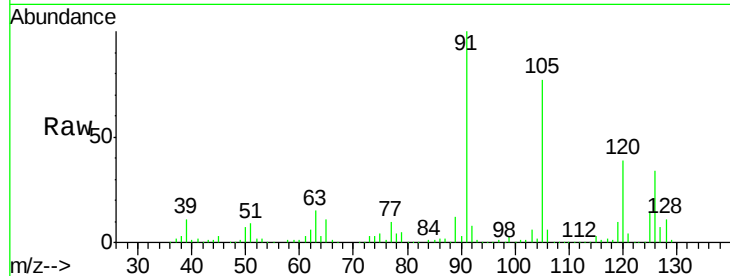
#82
4-Chlorotoluene
Concen: 49.21 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion: 91 Resp: 441822
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4

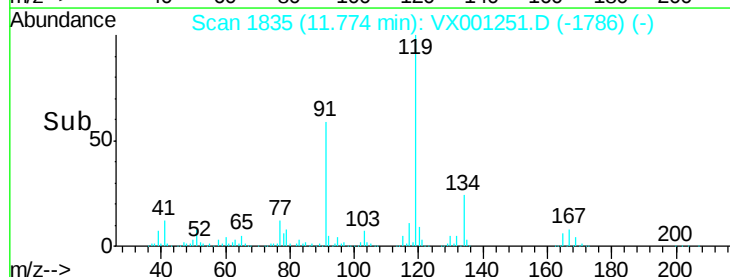
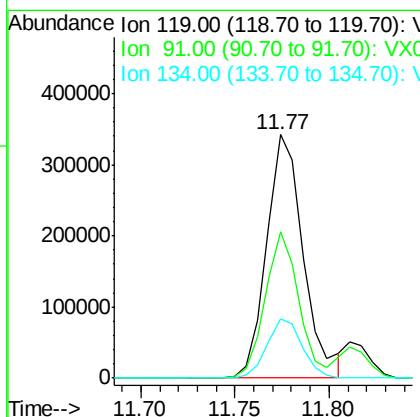
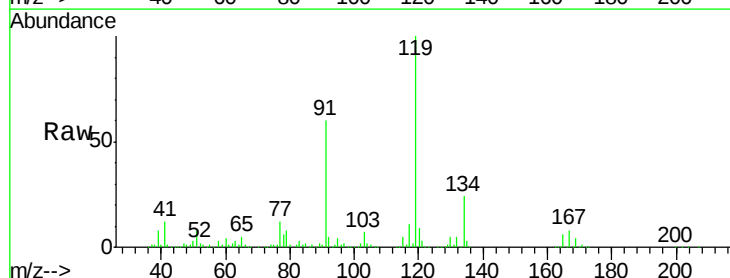
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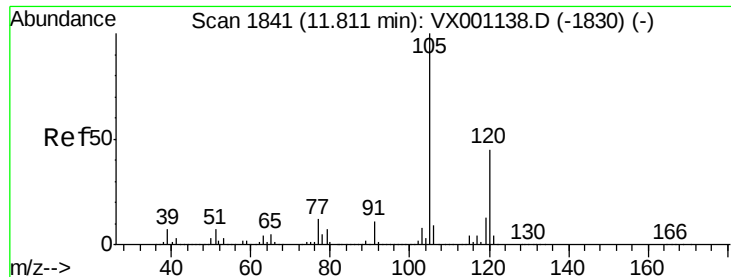
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#83
tert-Butylbenzene
Concen: 50.06 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion: 119 Resp: 462194
Ion Ratio Lower Upper
119 100
91 55.0 27.6 82.8
134 23.5 11.5 34.5





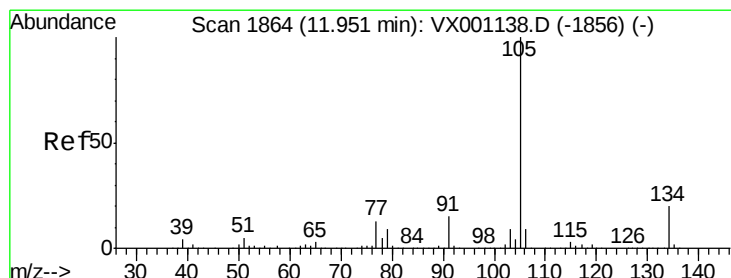
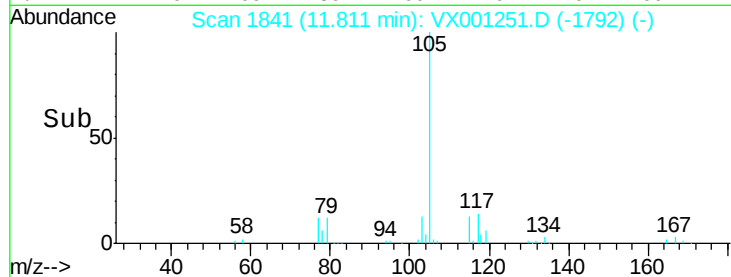
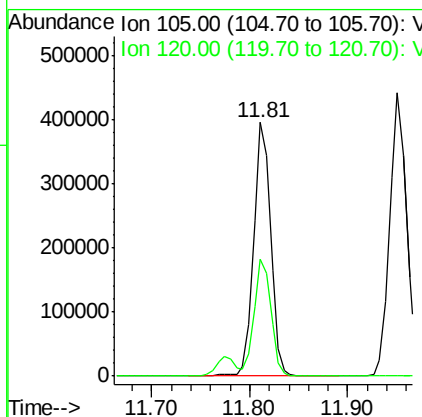
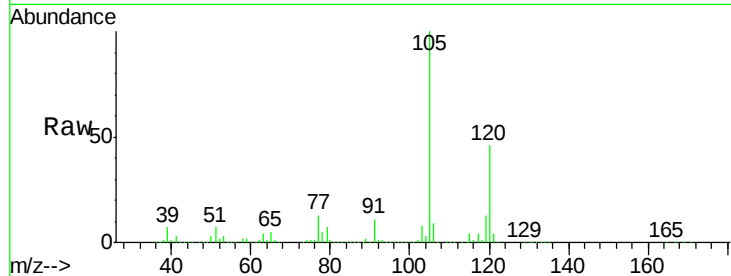
#84
 1,2,4-Trimethylbenzene
 Concen: 50.32 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.3

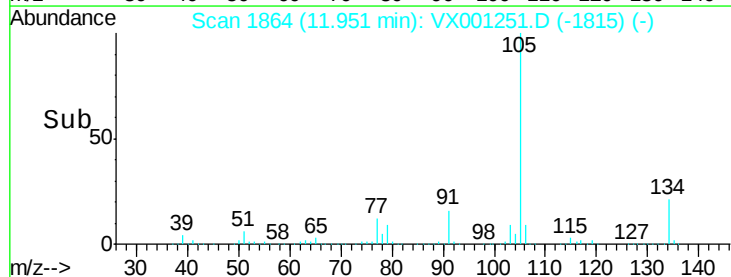
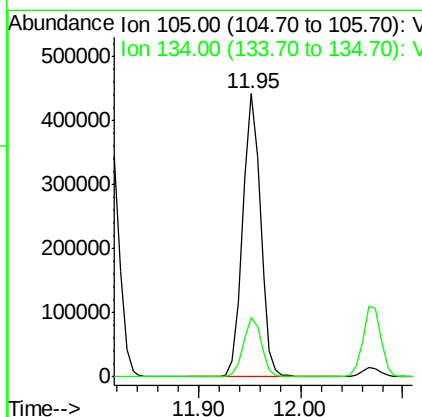
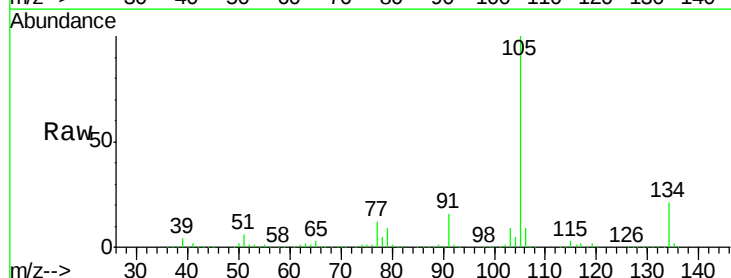
Manual Integrations
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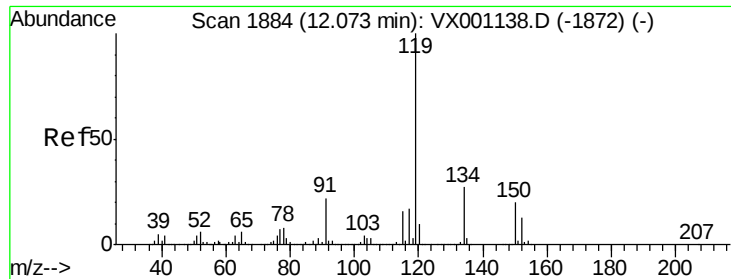
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#85
 sec-Butylbenzene
 Concen: 49.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.5





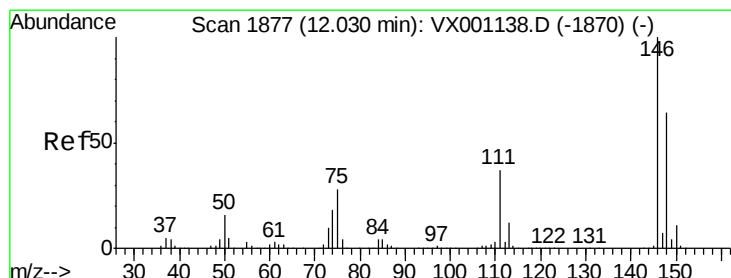
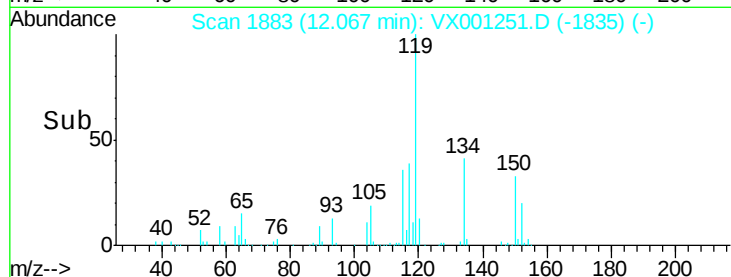
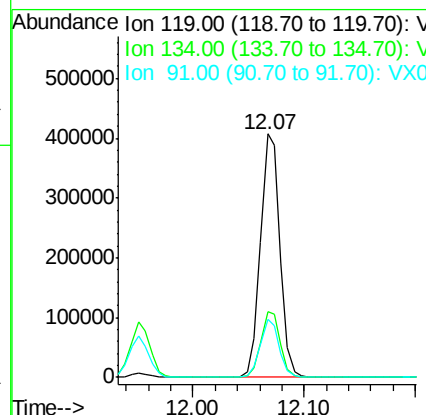
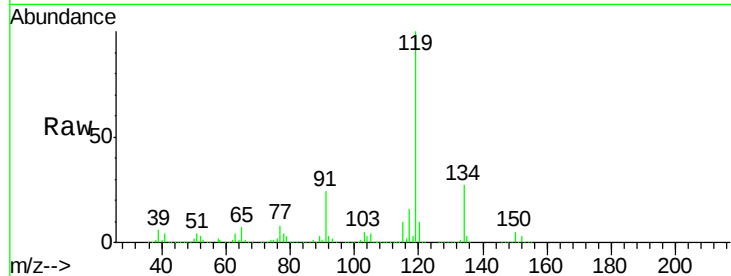
#86
p-Isopropyltoluene
Concen: 49.42 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	495855		
134	26.7		13.4	40.1
91	23.0		11.6	34.8

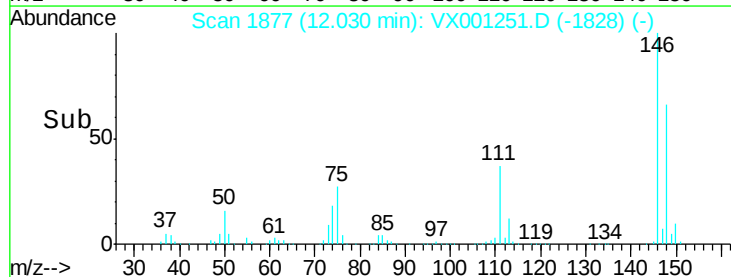
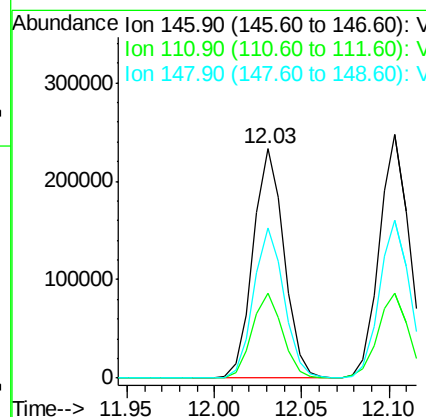
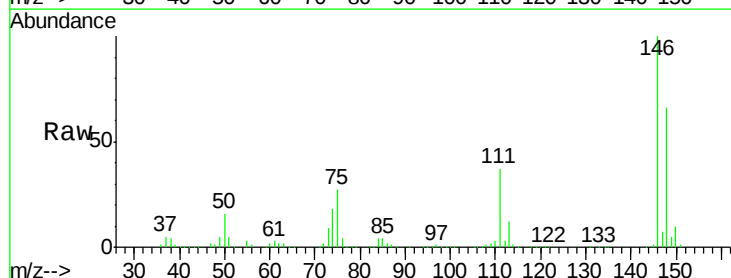
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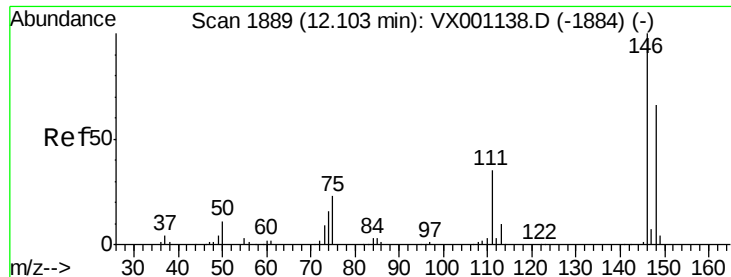
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#87
1,3-Dichlorobenzene
Concen: 49.36 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	287179		
111	36.4		18.6	56.0
148	64.5		32.3	96.8





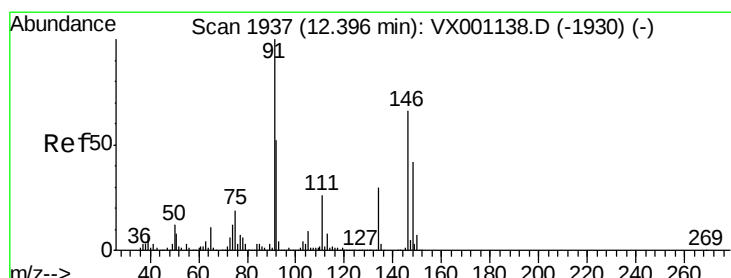
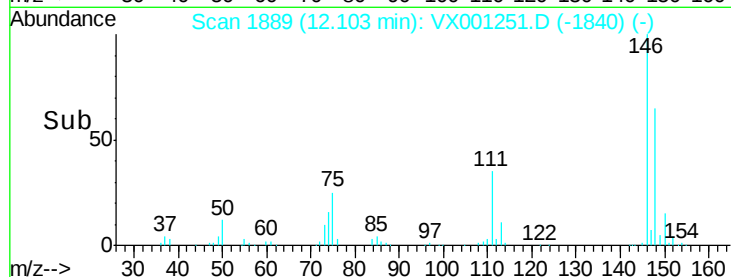
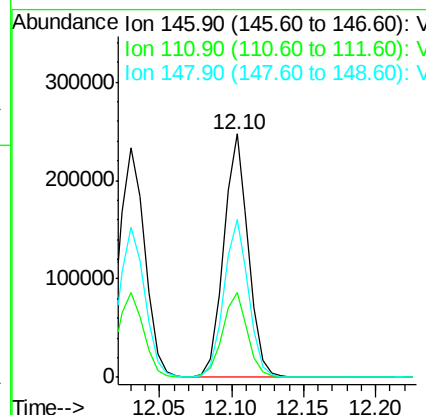
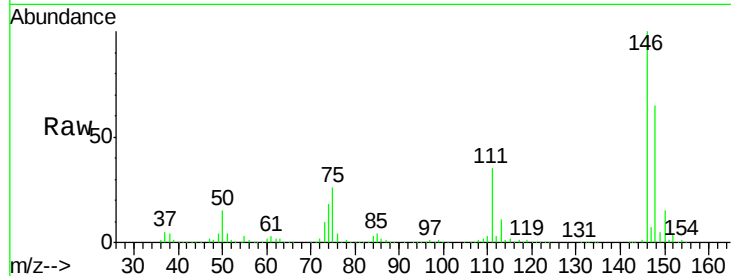
#88
 1,4-Dichlorobenzene
 Concen: 48.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.0	54.0
148	65.5	32.5	97.5

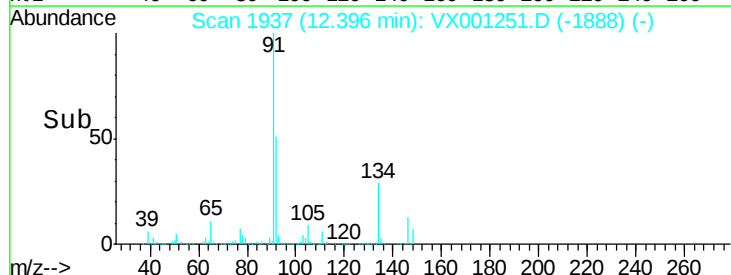
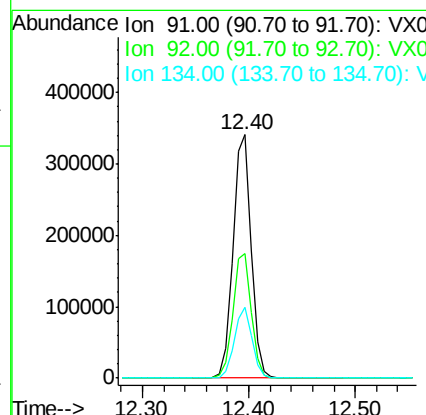
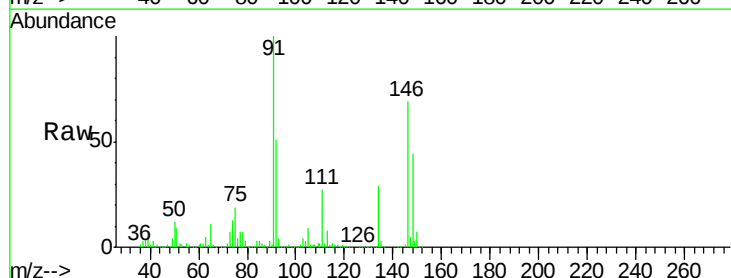
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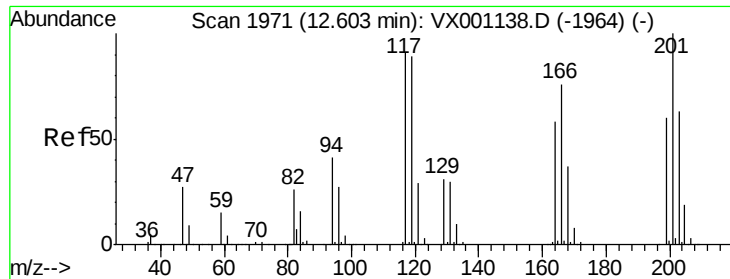
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#89
 n-Butylbenzene
 Concen: 46.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.6
134	28.2	14.1	42.3





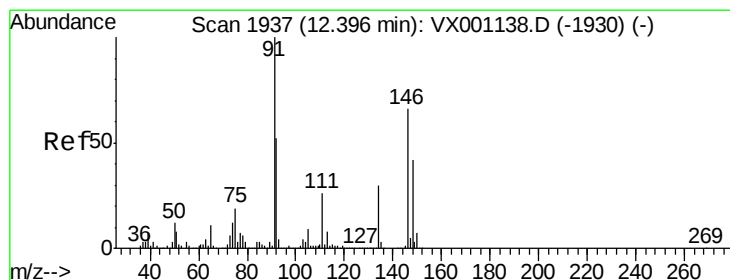
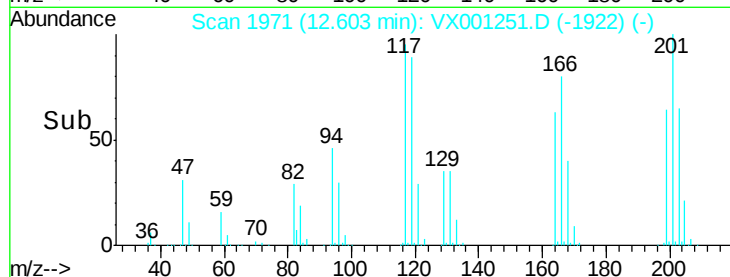
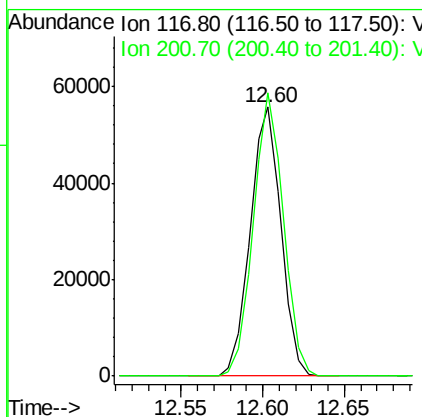
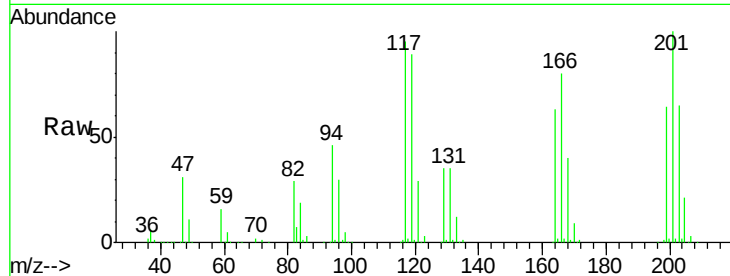
#90
Hexachloroethane
Concen: 45.36 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424MS

Tot Ion:117 Resp: 72902
Ion Ratio Lower Upper
117 100
201 103.1 51.8 155.4

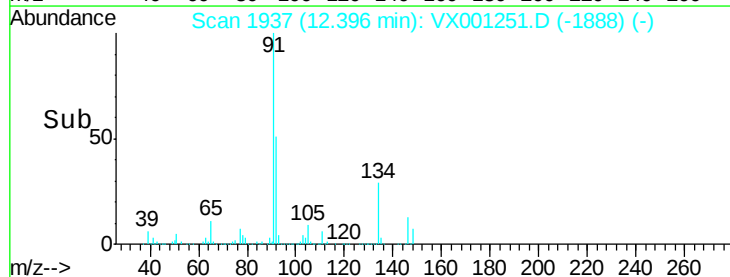
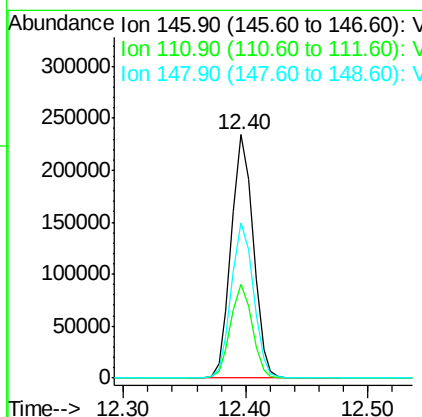
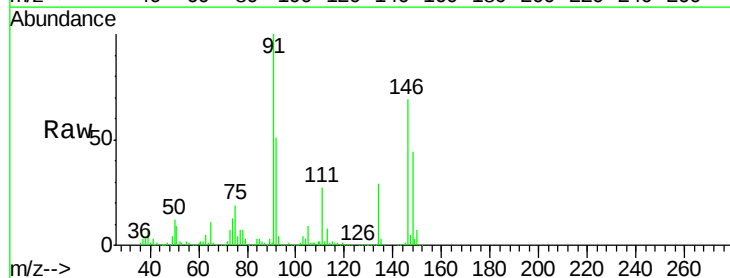
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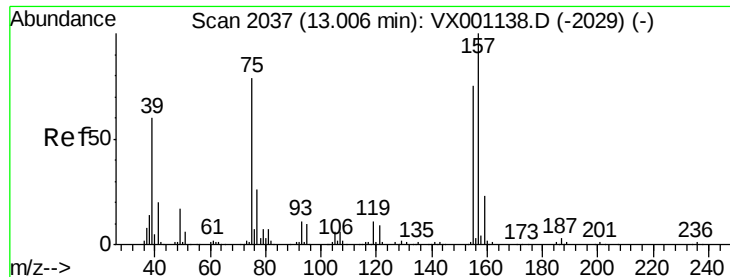
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#91
1,2-Dichlorobenzene
Concen: 49.61 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001251.D
Acq: 29 Apr 2018 08:08

Tgt Ion:146 Resp: 291698
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.3
148 64.0 32.2 96.6





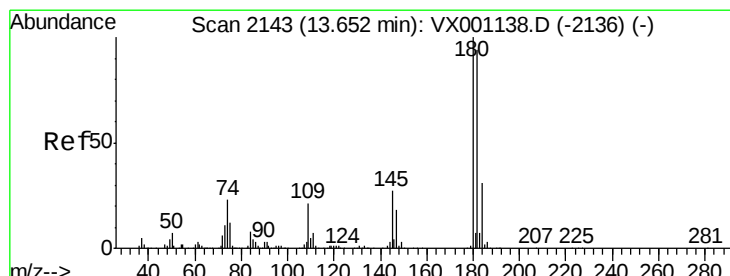
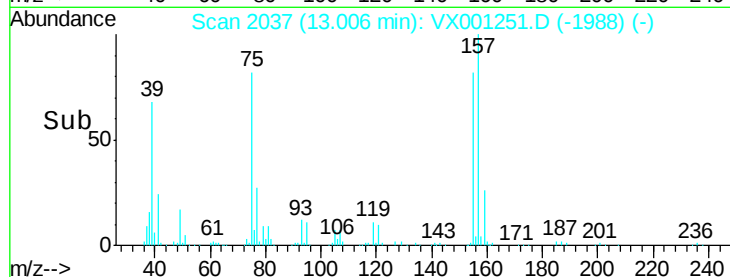
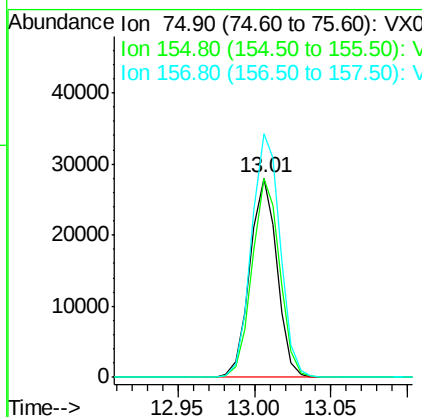
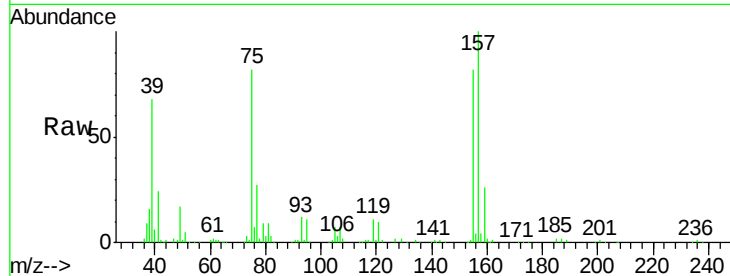
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.14 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	101.1	48.4	145.3
157	128.9	62.7	188.1

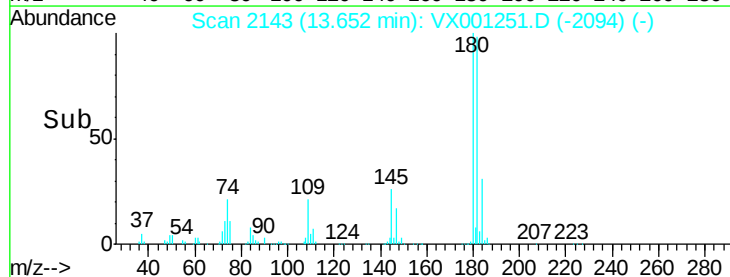
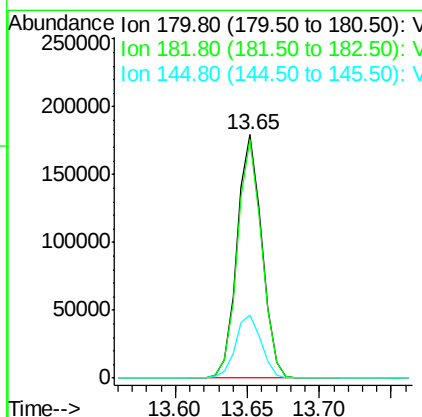
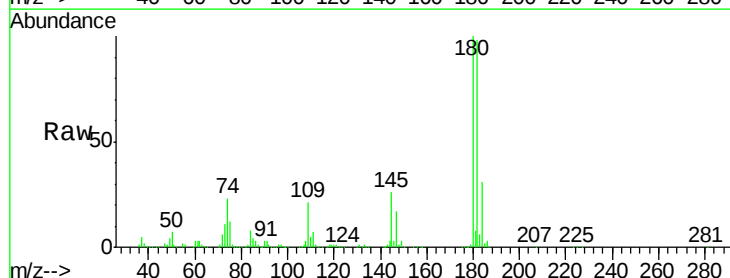
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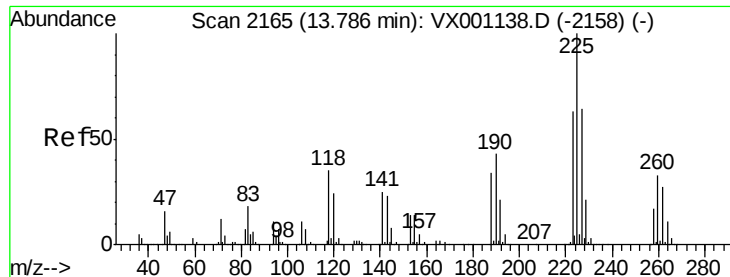
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#93
 1,2,4-Trichlorobenzene
 Concen: 46.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	27.1	13.8	41.4





#94

Hexachlorobutadiene

Concen: 43.14 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001251.D

Acq: 29 Apr 2018 08:08

Instrument :

MSVOA_X

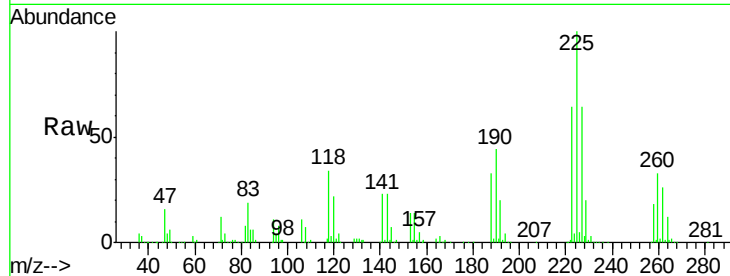
ClientSampleId :

BP-HN-MW24S-20180424MS

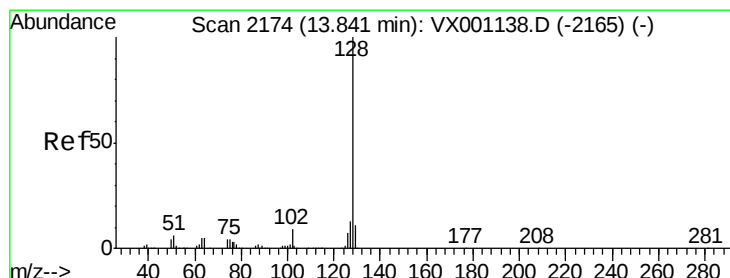
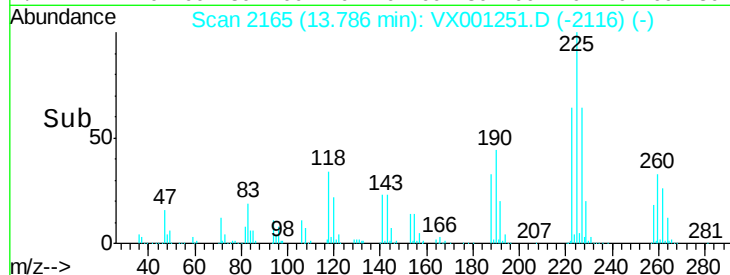
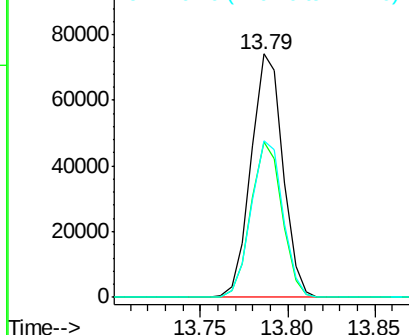
Tot Ion:	225	Resp:	93473
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.9
227	64.5	32.2	96.6

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



#95

Naphthalene

Concen: 47.46 ug/l

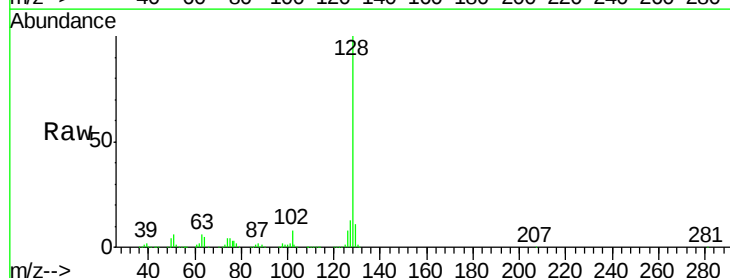
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

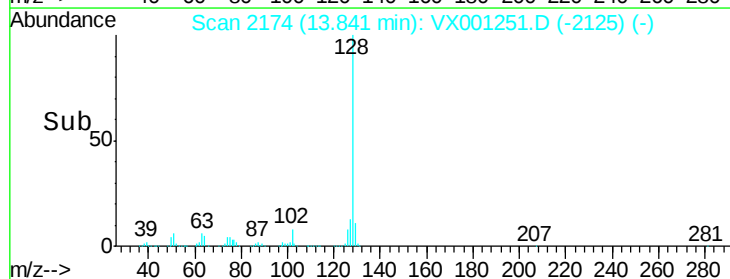
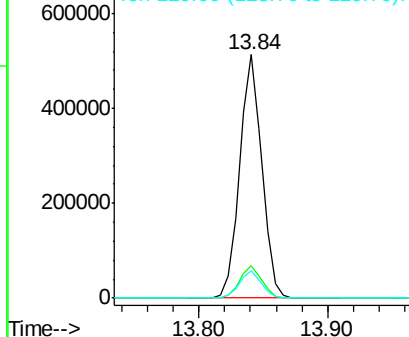
Lab File: VX001251.D

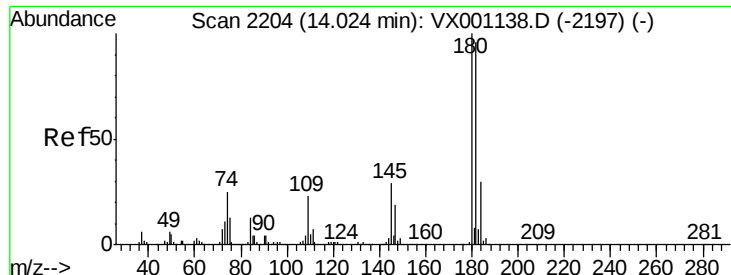
Acq: 29 Apr 2018 08:08

Tgt Ion:	128	Resp:	609548
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.31 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001251.D
 Acq: 29 Apr 2018 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216999		
182	97.5	48.2	144.6	
145	28.7	14.5	43.5	

Manual Integrations
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