

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001252.D
 Acq On : 29 Apr 2018 08:34
 Operator : JC/MD
 Sample : J2600-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:45:04 PM

Quant Time: Apr 30 04:04:33 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	188712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	129928	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
35) Dibromofluoromethane	5.51	113	108075	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.72	98	397765	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.14	95	154375	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94588	47.79	ug/l	100
3) Chloromethane	1.33	50	95862	46.25	ug/l	98
4) Vinyl Chloride	1.41	62	109559	49.82	ug/l	98
5) Bromomethane	1.64	94	87419	65.70	ug/l	99
6) Chloroethane	1.73	64	69115	49.93	ug/l	99
7) Trichlorofluoromethane	1.93	101	188009	52.94	ug/l	99
8) Diethyl Ether	2.20	74	66979	49.05	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99085	50.64	ug/l	99
10) Methyl Iodide	2.52	142	107986	52.63	ug/l	98
11) Tert butyl alcohol	3.08	59	119515	207.18	ug/l	100
12) 1,1-Dichloroethene	2.38	96	96993	50.82	ug/l	99
13) Acrolein	2.30	56	42082	192.97	ug/l	99
14) Allyl chloride	2.73	41	167602	48.14	ug/l	97
15) Acrylonitrile	3.16	53	276046	224.09	ug/l	99
16) Acetone	2.45	43	253693	210.89	ug/l	100
17) Carbon Disulfide	2.57	76	240680	49.43	ug/l	99
18) Methyl Acetate	2.79	43	124254	41.28	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	345485	49.18	ug/l	97
20) Methylene Chloride	2.87	84	108595	48.47	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106373	50.43	ug/l	97
22) Diisopropyl ether	3.88	45	336312	48.28	ug/l	95
23) Vinyl Acetate	3.84	43	1196077	202.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	179616	49.06	ug/l	99
25) 2-Butanone	4.71	43	372951	207.20	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87206	30.26	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	116949	50.63	ug/l	94
28) Bromochloromethane	5.03	49	87811	53.50	ug/l	95
29) Tetrahydrofuran	5.17	42	245221	211.90	ug/l	99
30) Chloroform	5.23	83	200528	51.51	ug/l	97
31) Cyclohexane	5.59	56	153658	49.40	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	177120	52.70	ug/l	100
36) 1,1-Dichloropropene	5.81	75	144711	51.51	ug/l	100
37) Ethyl Acetate	4.87	43	129318	38.44	ug/l	99
38) Carbon Tetrachloride	5.79	117	157119	54.54	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001252.D
 Acq On : 29 Apr 2018 08:34
 Operator : JC/MD
 Sample : J2600-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:45:04 PM

Quant Time: Apr 30 04:04:33 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)
39) Methylcyclohexane	7.47	83	152626	49.09	ug/l	97
40) Benzene	6.15	78	430633	52.99	ug/l	99
41) Methacrylonitrile	5.07	41	87101	46.08	ug/l	98
42) 1,2-Dichloroethane	6.21	62	166779	50.93	ug/l	99
43) Isopropyl Acetate	6.48	43	229529	43.44	ug/l	100
44) Trichloroethene	7.22	130	130534	53.92	ug/l	97
45) 1,2-Dichloropropane	7.52	63	111873	52.34	ug/l	99
46) Dibromomethane	7.67	93	78608	53.11	ug/l	98
47) Bromodichloromethane	7.91	83	147892	54.99	ug/l	100
48) Methyl methacrylate	7.79	41	134884	48.03	ug/l	99
49) 1,4-Dioxane	7.76	88	48293	858.89	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	832506	239.87	ug/l	98
52) Toluene	8.79	92	286788	53.96	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	155947	49.88	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	149559	44.44	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	117308	52.17	ug/l	98
56) Ethyl methacrylate	9.19	69	169939	51.01	ug/l	98
57) 1,3-Dichloropropane	9.38	76	190616	52.40	ug/l	99
59) 2-Hexanone	9.51	43	628762	231.22	ug/l	98
60) Dibromochloromethane	9.59	129	129213	49.25	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125956	53.47	ug/l	99
64) Tetrachloroethene	9.34	164	140236	53.47	ug/l	97
65) Chlorobenzene	10.15	112	339268	52.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	126907	56.98	ug/l	99
67) Ethyl Benzene	10.26	91	561119	53.65	ug/l	99
68) m/p-Xylenes	10.37	106	446363	107.94	ug/l	100
69) o-Xylene	10.71	106	217586	54.25	ug/l	99
70) Styrene	10.72	104	360356	53.99	ug/l	100
71) Bromoform	10.87	173	106898	46.06	ug/l #	99
73) Isopropylbenzene	11.02	105	580579	51.91	ug/l	100
74) N-amyl acetate	6.48	43	229529	40.73	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179625	48.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	161725m	46.29	ug/l	
77) Bromobenzene	11.26	156	171870	51.82	ug/l	97
78) n-propylbenzene	11.37	91	650192	52.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	397469	51.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	499954	52.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37009	35.36	ug/l	97
82) 4-Chlorotoluene	11.52	91	475350	51.73	ug/l	99
83) tert-Butylbenzene	11.77	119	500312	52.95	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	512598	52.67	ug/l	99
85) sec-Butylbenzene	11.95	105	576459	52.22	ug/l	99
86) p-Isopropyltoluene	12.07	119	528142	51.43	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	307957	51.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	318156	51.29	ug/l	99
89) n-Butylbenzene	12.40	91	442769	49.82	ug/l	99
90) Hexachloroethane	12.60	117	79933	48.36	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	312333	51.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37922	46.31	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	232022	49.18	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
Data File : VX001252.D
Acq On : 29 Apr 2018 08:34
Operator : JC/MD
Sample : J2600-11MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

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

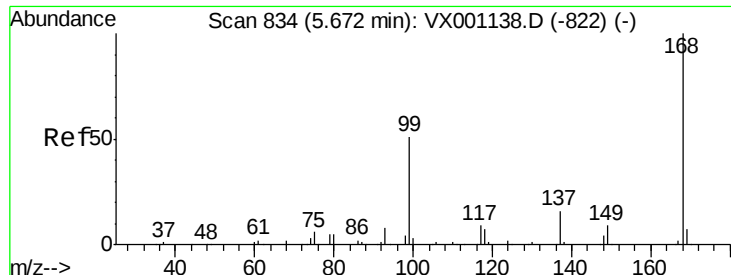
Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM

Quant Time: Apr 30 04:04:33 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)
94) Hexachlorobutadiene	13.79	225	102795	46.36	ug/l	99
95) Naphthalene	13.84	128	651778	49.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233152	49.66	ug/l	100

(#) = 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: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:168 Resp: 188712

Ion Ratio Lower Upper

168 100

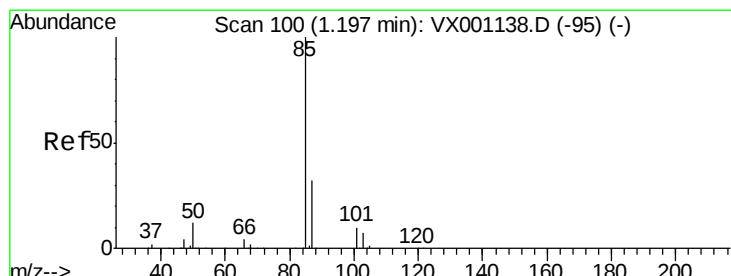
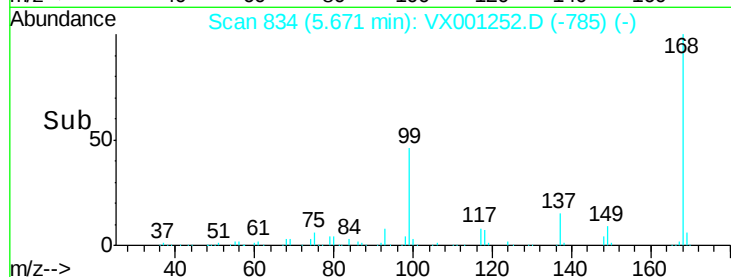
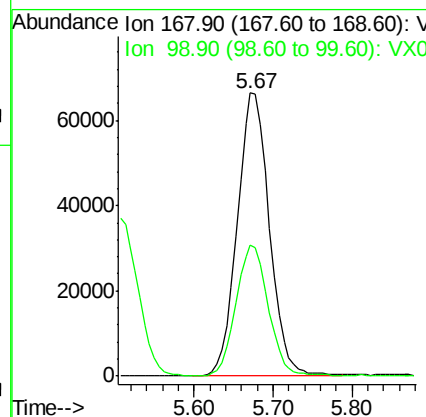
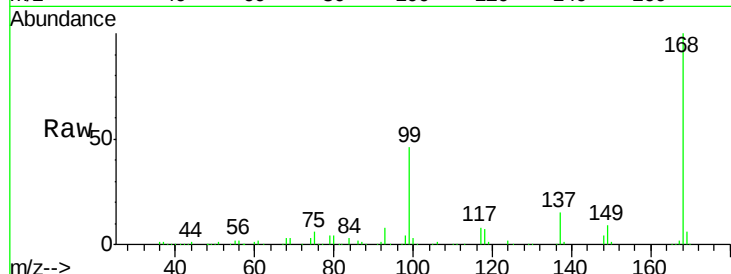
99 45.9 40.6 60.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#2

Dichlorodifluoromethane

Concen: 47.79 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001252.D

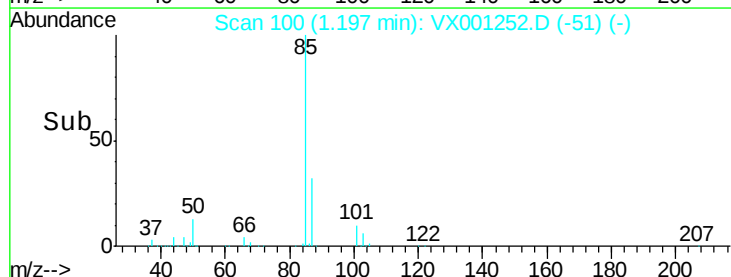
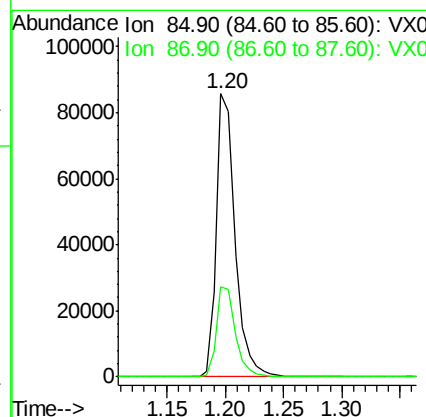
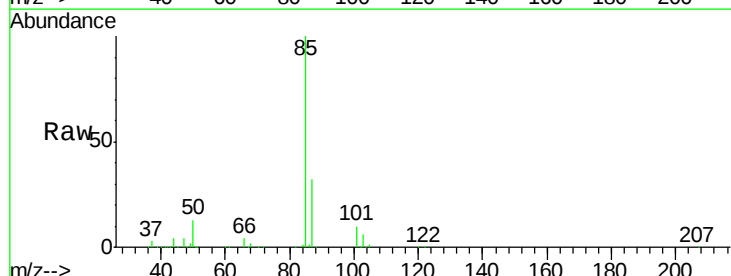
Acq: 29 Apr 2018 08:34

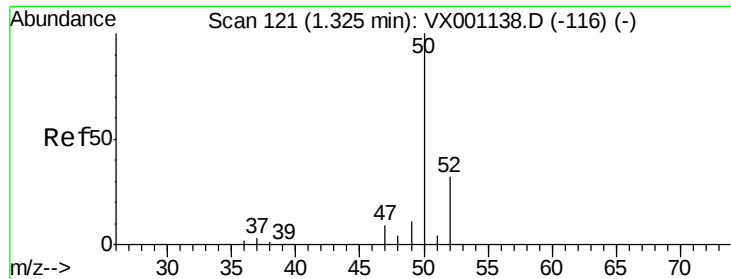
Tgt Ion: 85 Resp: 94588

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6





#3

Chloromethane

Concen: 46.25 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 50 Resp: 95862

Ion Ratio Lower Upper

50 100

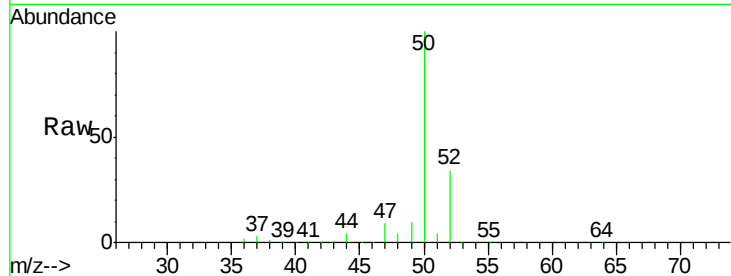
52 33.5 25.9 38.9

Manual Integrations

APPROVED

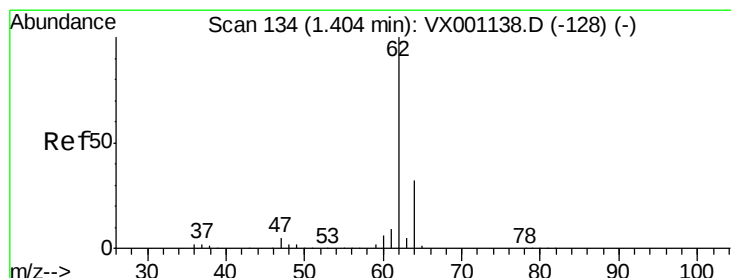
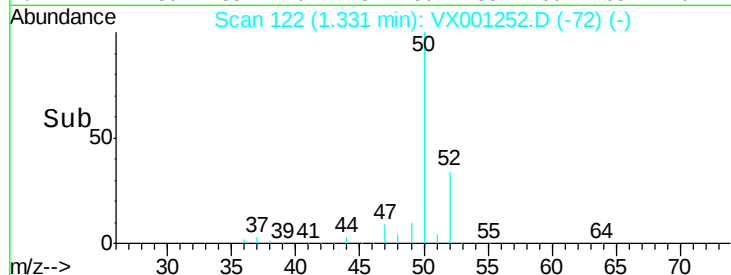
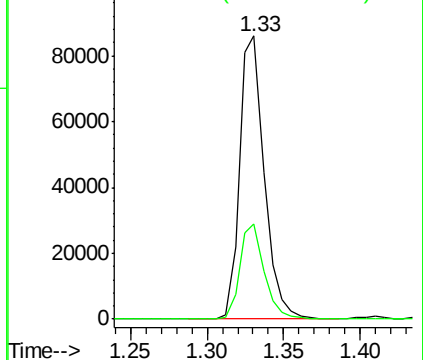
apatel

5/1/2018 7:45:04 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.82 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001252.D

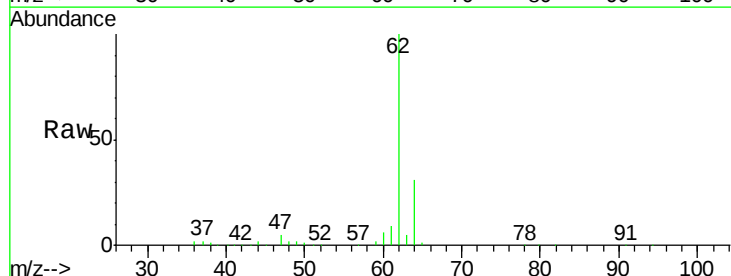
Acq: 29 Apr 2018 08:34

Tgt Ion: 62 Resp: 109559

Ion Ratio Lower Upper

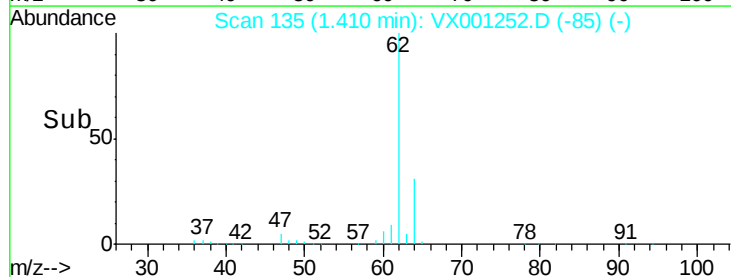
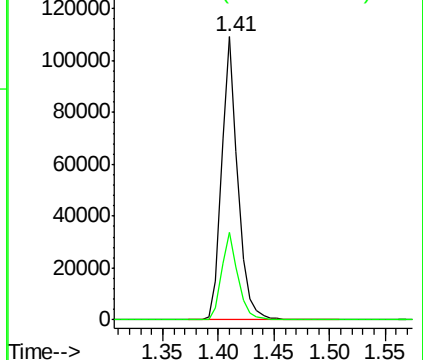
62 100

64 30.7 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: 65.70 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 94 Resp: 87419

Ion Ratio Lower Upper

94 100

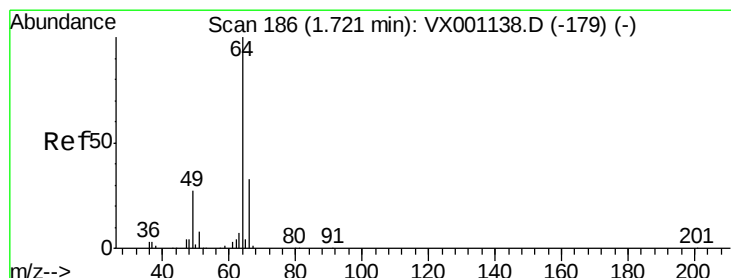
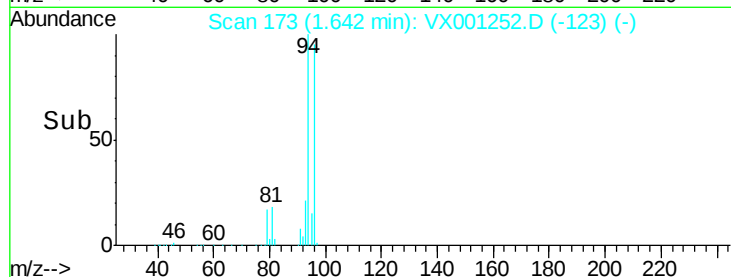
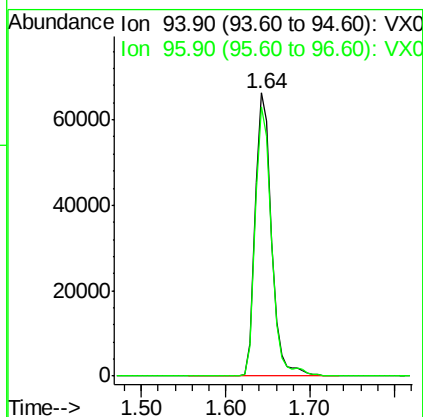
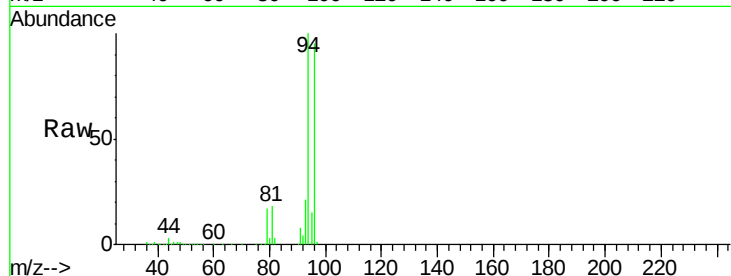
96 95.2 75.3 112.9

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#6

Chloroethane

Concen: 49.93 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001252.D

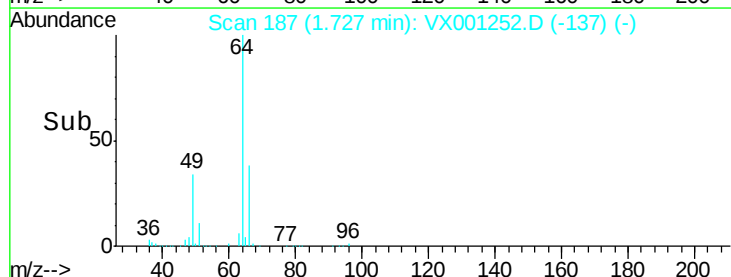
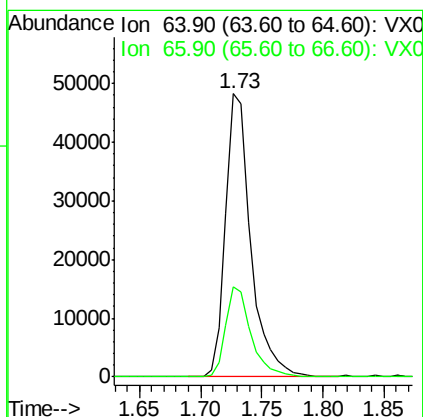
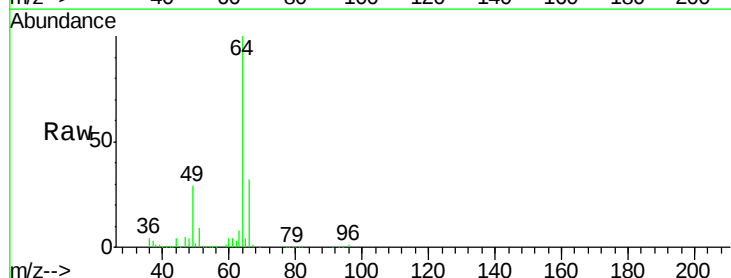
Acq: 29 Apr 2018 08:34

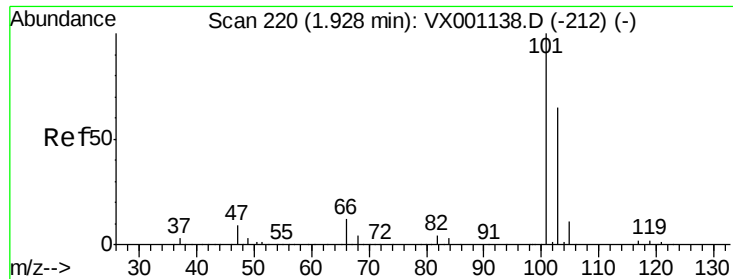
Tgt Ion: 64 Resp: 69115

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1





#7

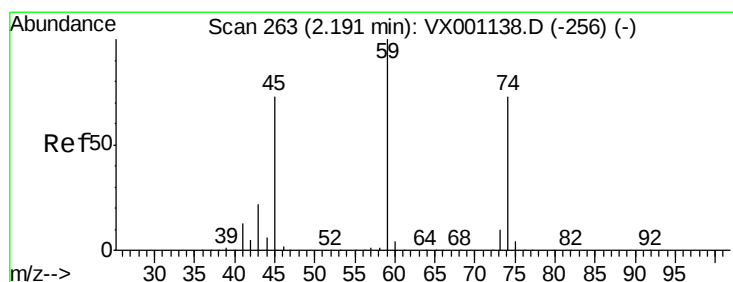
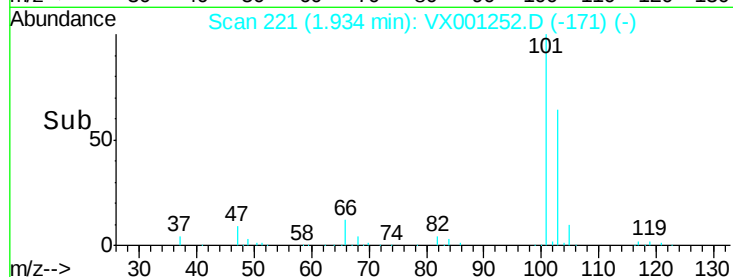
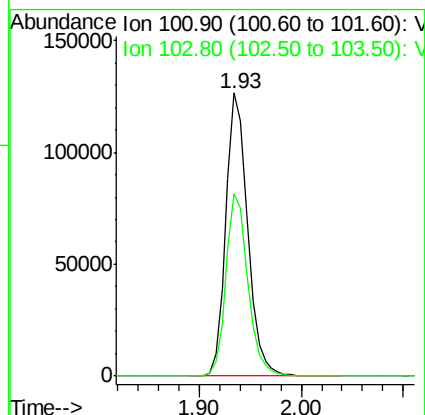
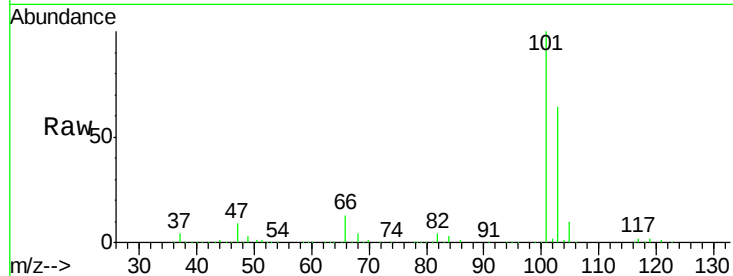
Trichlorofluoromethane
Concen: 52.94 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion:101 Resp: 188009
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

Manual Integrations
APPROVED

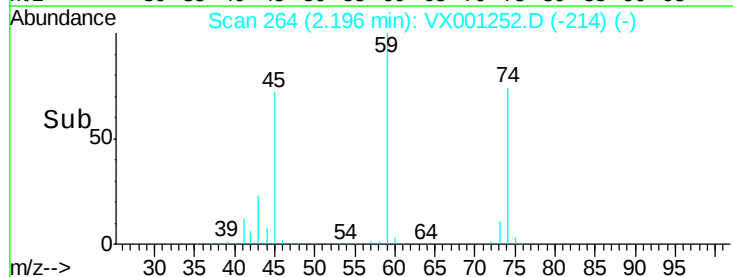
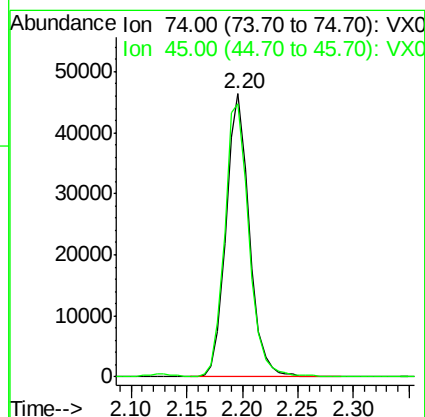
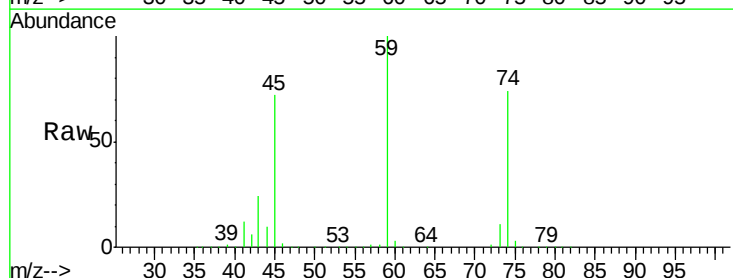
apatel
5/1/2018 7:45:04 PM

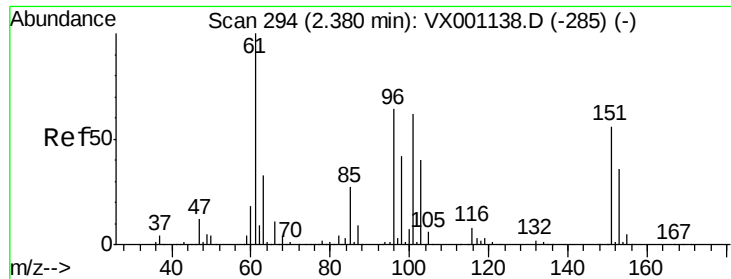


#8

Diethyl Ether
Concen: 49.05 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 74 Resp: 66979
Ion Ratio Lower Upper
74 100
45 100.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.64 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

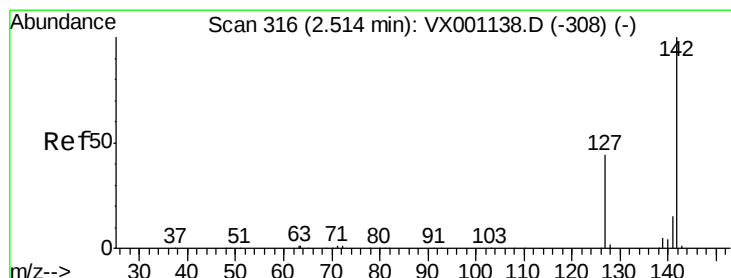
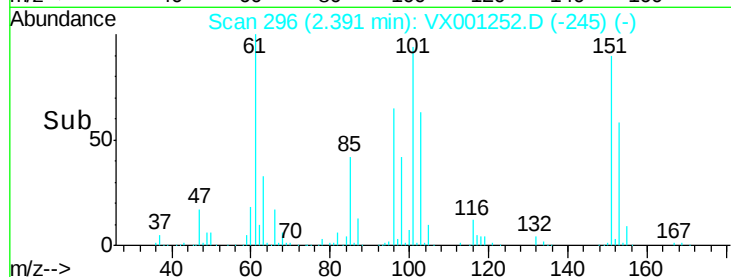
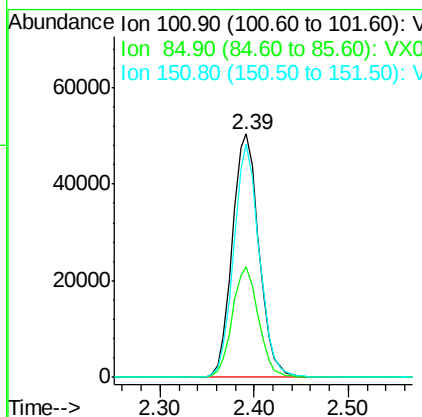
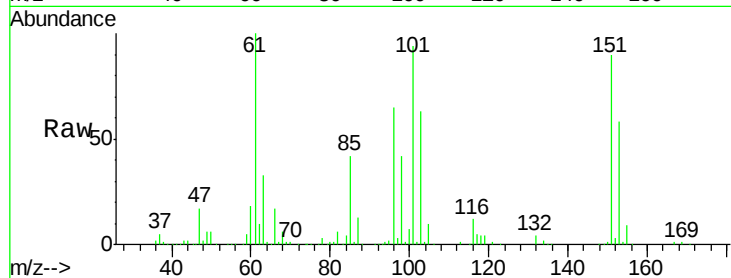
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	101	Resp:	99085
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.4	53.0
151	92.2	74.2	111.4

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#10

Methyl Iodide

Concen: 52.63 ug/l

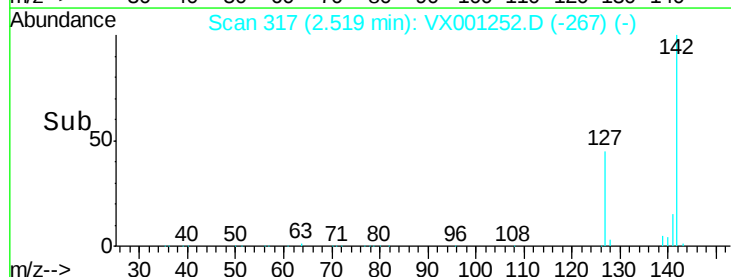
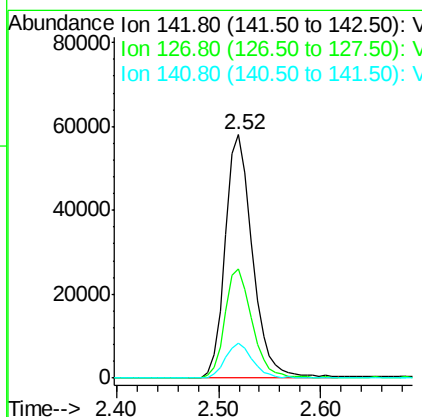
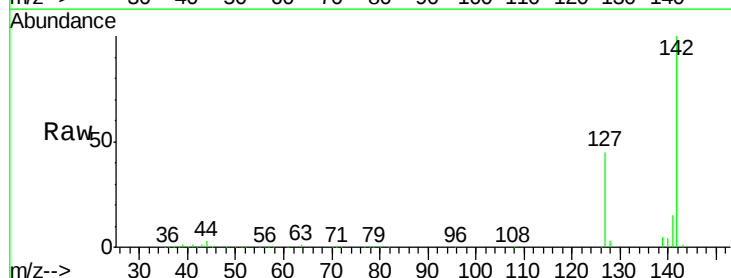
RT: 2.52 min Scan# 317

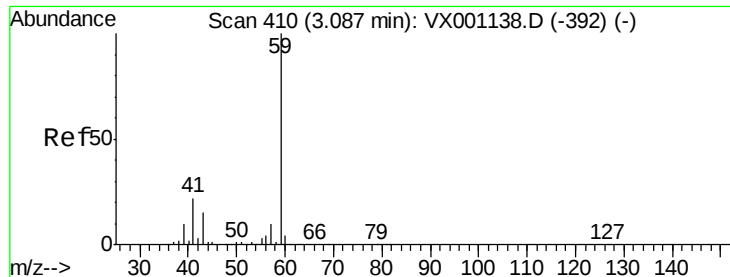
Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	142	Resp:	107986
Ion Ratio	Lower	Upper	
142	100		
127	44.7	34.7	52.1
141	14.4	11.6	17.4





#11

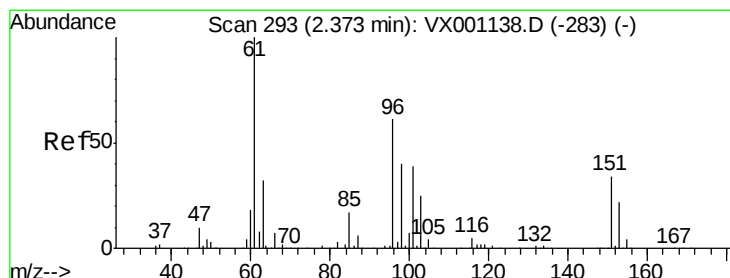
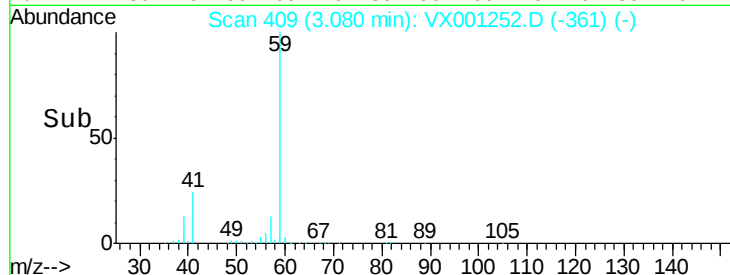
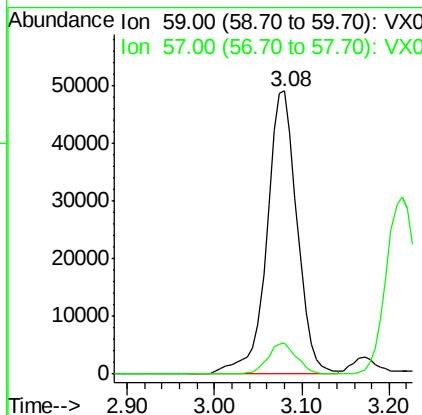
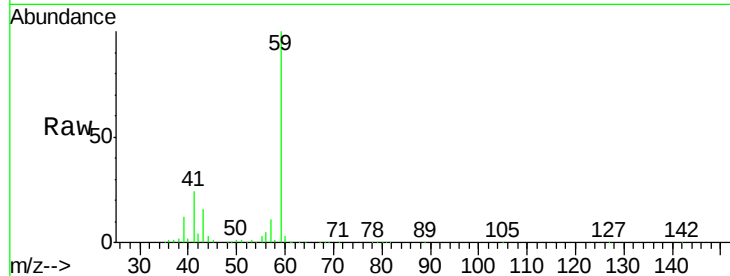
Tert butyl alcohol
Concen: 207.18 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion: 59 Resp: 119515
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

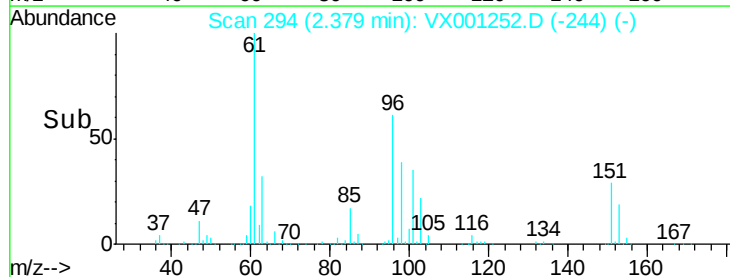
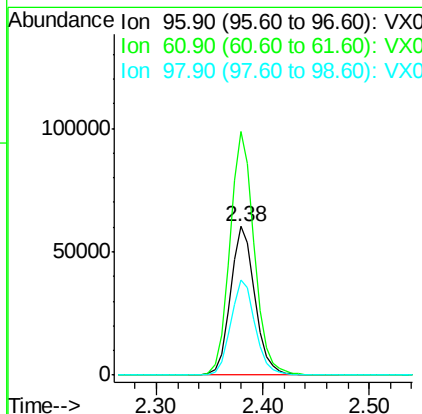
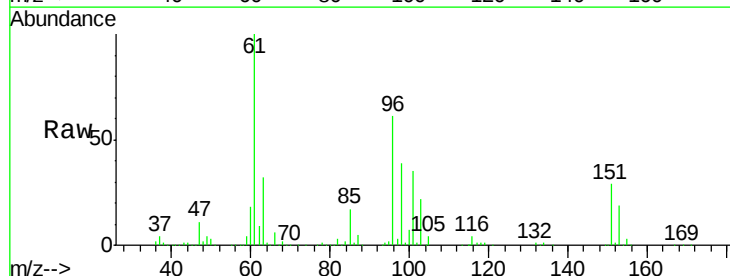
apatel
5/1/2018 7:45:04 PM

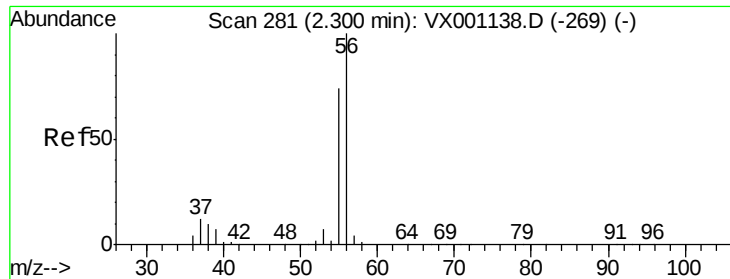


#12

1,1-Dichloroethene
Concen: 50.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 96 Resp: 96993
Ion Ratio Lower Upper
96 100
61 163.9 130.2 195.4
98 64.3 51.5 77.3





#13

Acrolein

Concen: 192.97 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 56 Resp: 42082

Ion Ratio Lower Upper

56 100

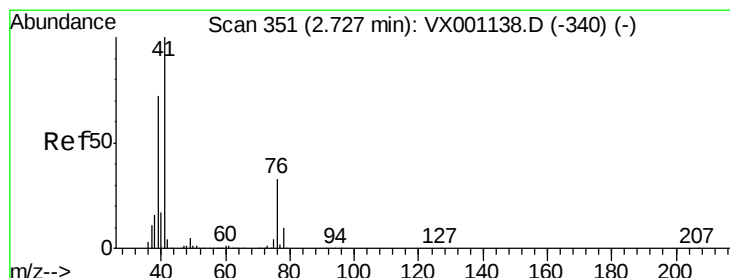
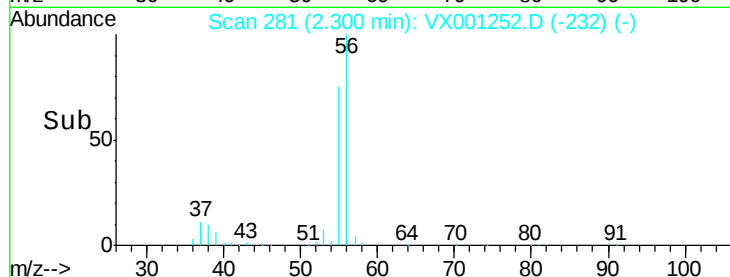
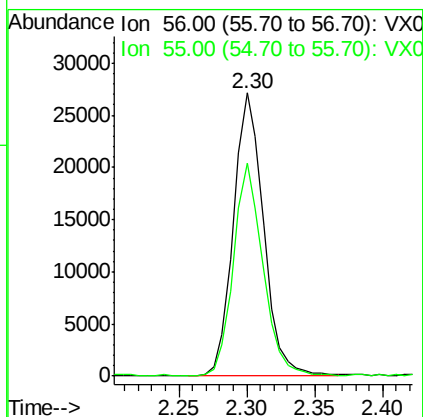
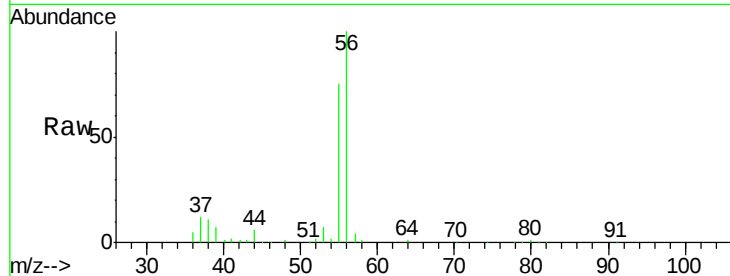
55 72.5 57.2 85.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#14

Allyl chloride

Concen: 48.14 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

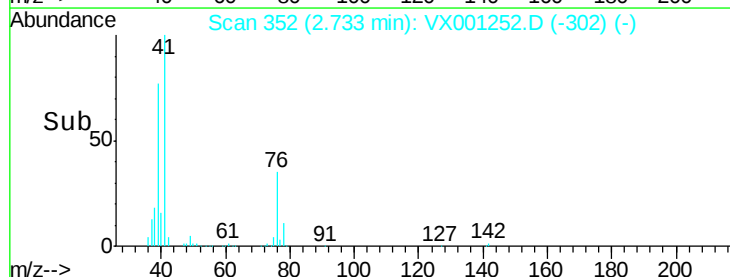
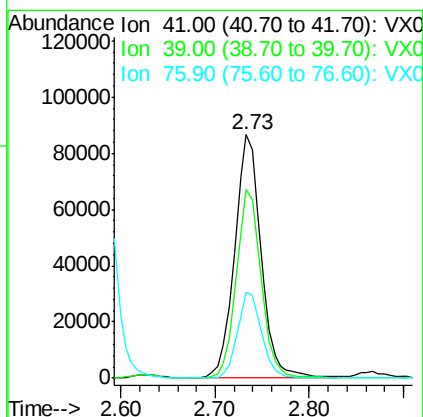
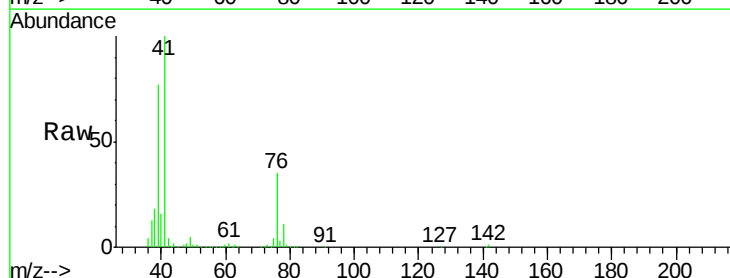
Tgt Ion: 41 Resp: 167602

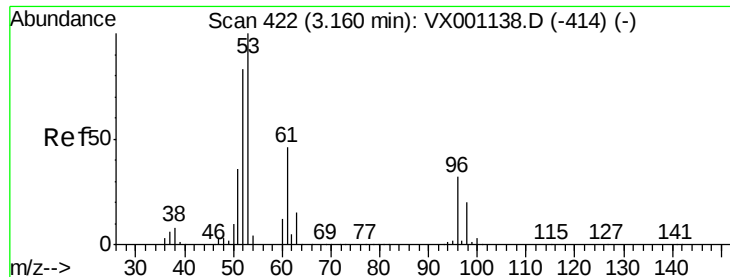
Ion Ratio Lower Upper

41 100

39 72.8 55.6 83.4

76 32.1 24.8 37.2





#15

Acrylonitrile

Concen: 224.09 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

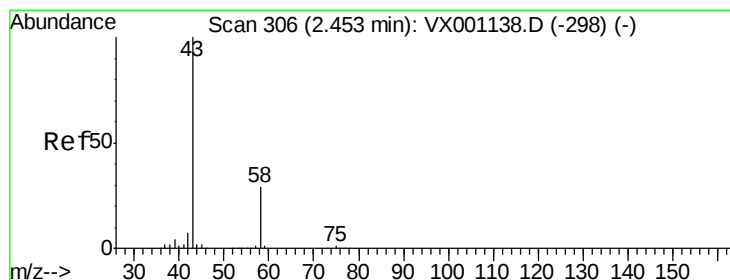
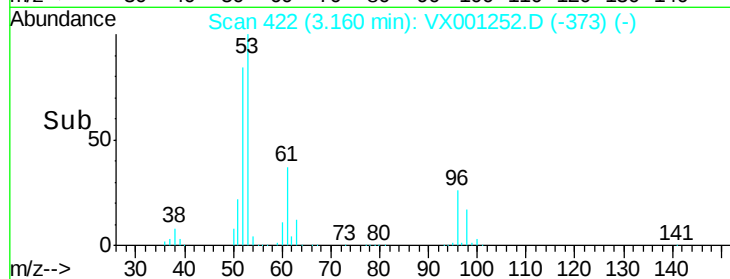
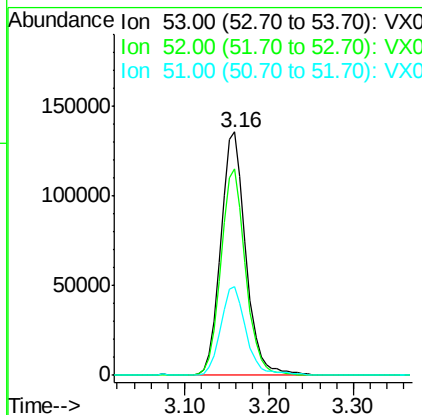
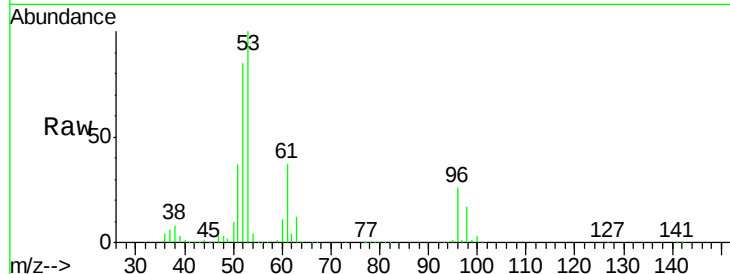
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	53	Resp:	276046
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	37.4	29.5	44.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#16

Acetone

Concen: 210.89 ug/l

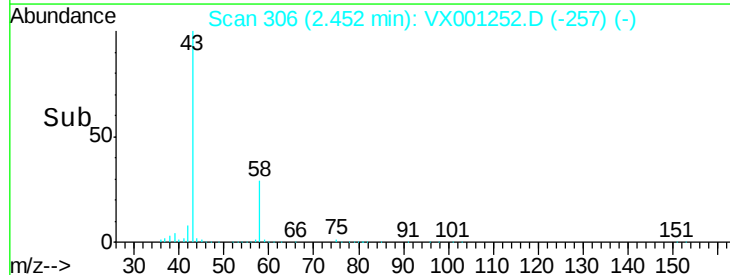
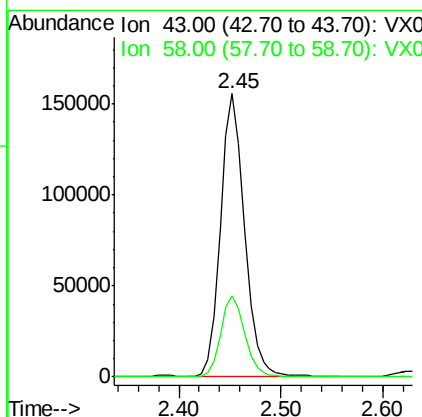
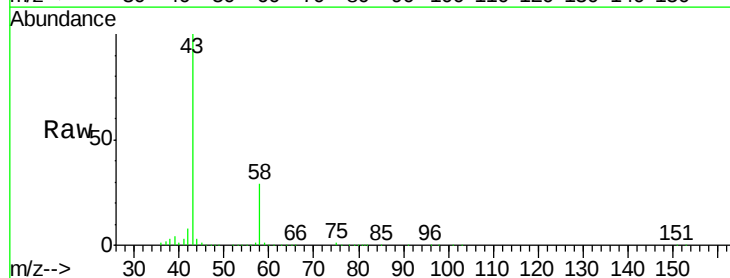
RT: 2.45 min Scan# 306

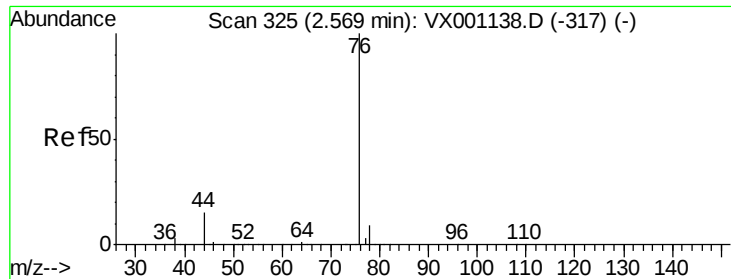
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	43	Resp:	253693
Ion Ratio	Lower	Upper	
43	100		
58	28.8	23.0	34.6





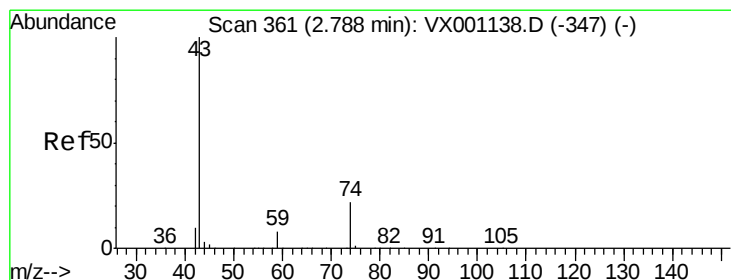
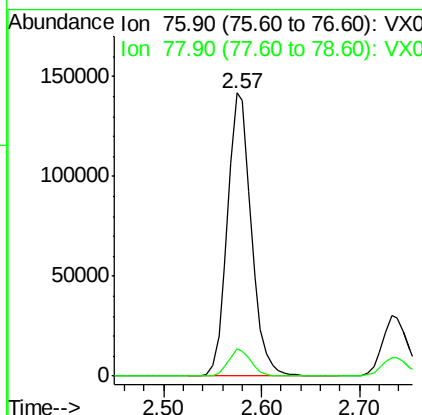
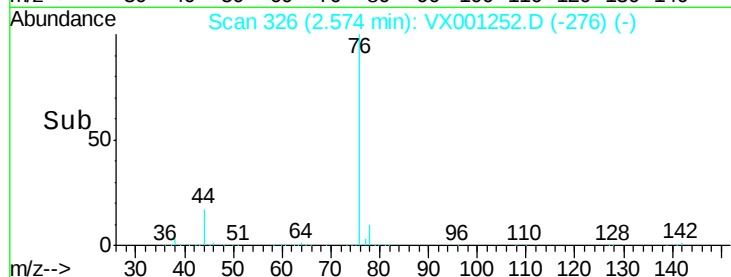
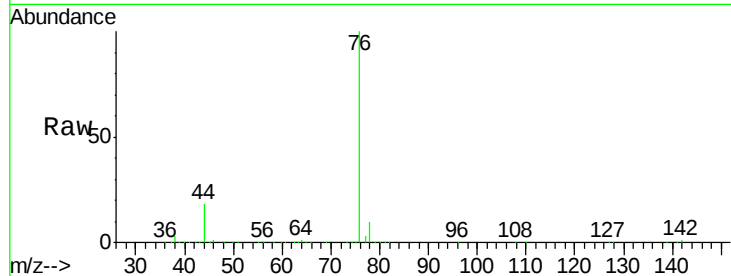
#17
Carbon Disulfide
Concen: 49.43 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion: 76 Resp: 240680
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

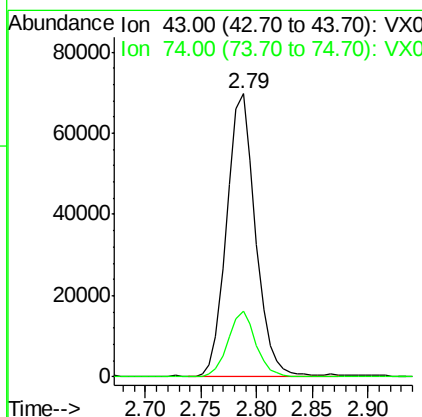
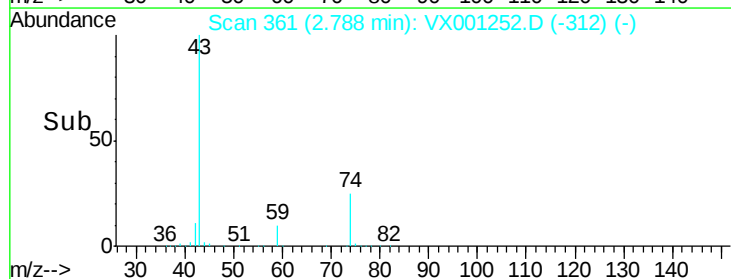
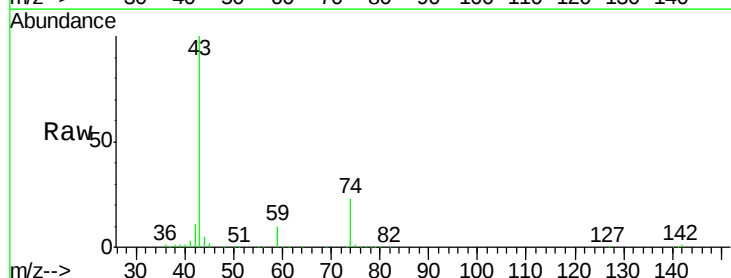
Manual Integrations
APPROVED

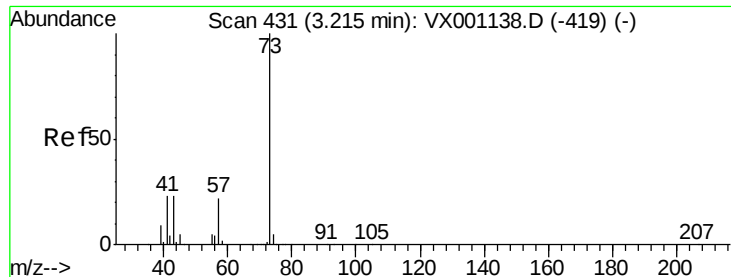
apatel
5/1/2018 7:45:04 PM



#18
Methyl Acetate
Concen: 41.28 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 43 Resp: 124254
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1





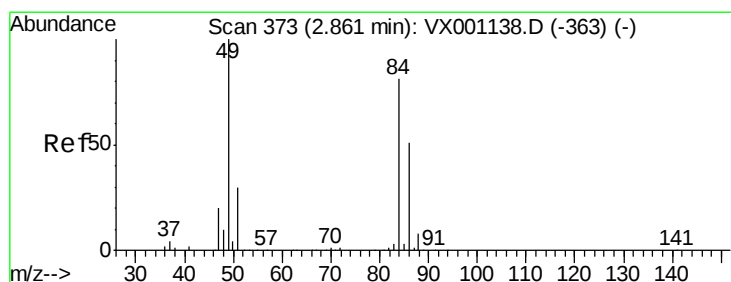
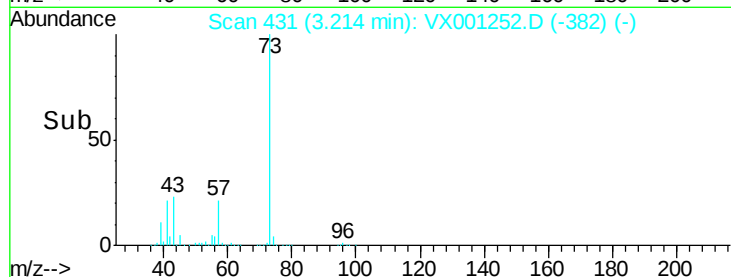
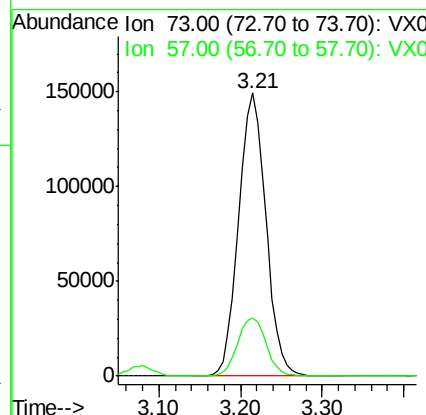
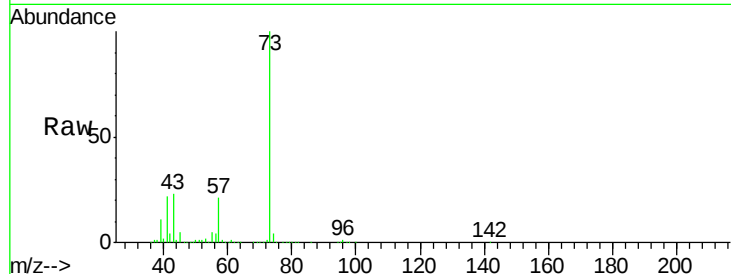
#19
Methyl tert-butyl Ether
Concen: 49.18 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion: 73 Resp: 345485
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

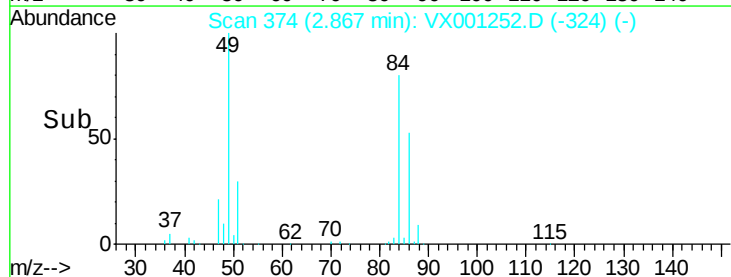
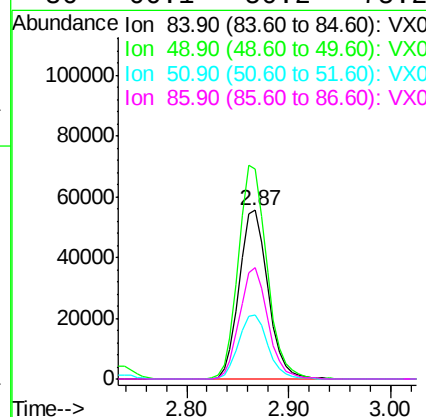
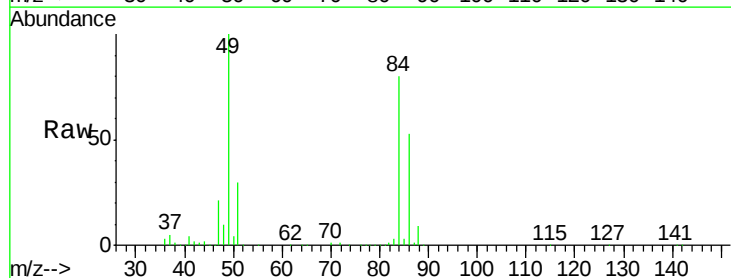
Manual Integrations
APPROVED

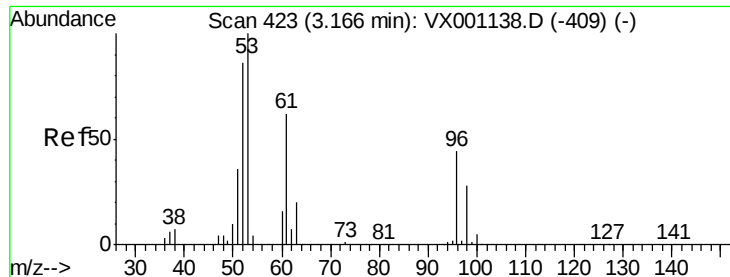
apatel
5/1/2018 7:45:04 PM



#20
Methylene Chloride
Concen: 48.47 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 84 Resp: 108595
Ion Ratio Lower Upper
84 100
49 124.8 99.2 148.8
51 38.0 29.5 44.3
86 66.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.43 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

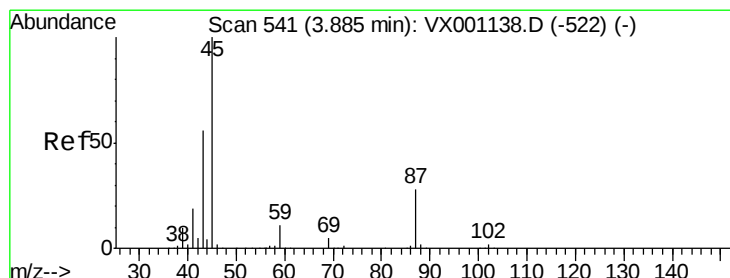
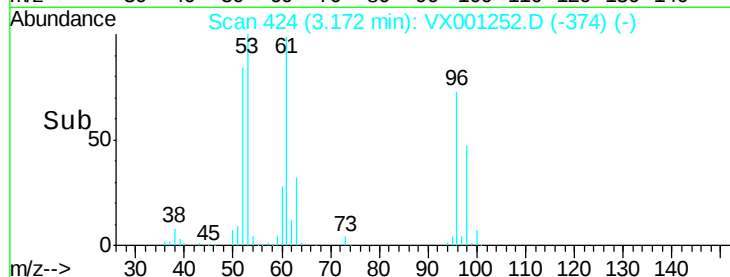
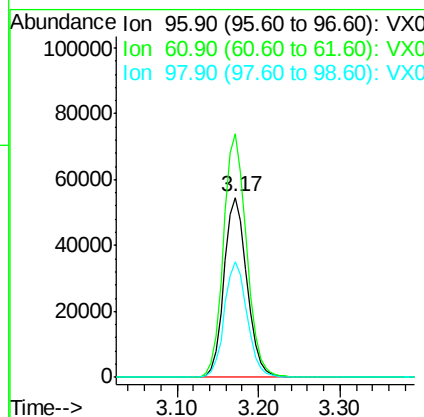
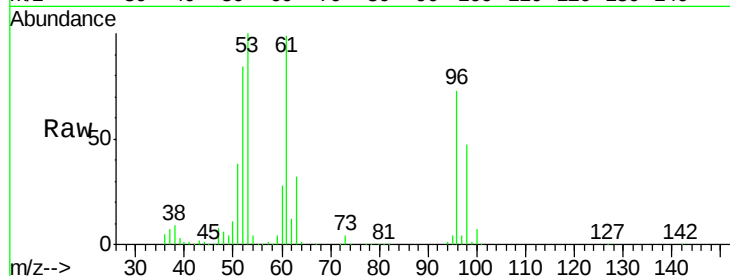
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	96	Resp:	106373
Ion	Ratio	Lower	Upper
96	100		
61	135.2	111.9	167.9
98	64.5	51.1	76.7

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#22

Diisopropyl ether

Concen: 48.28 ug/l

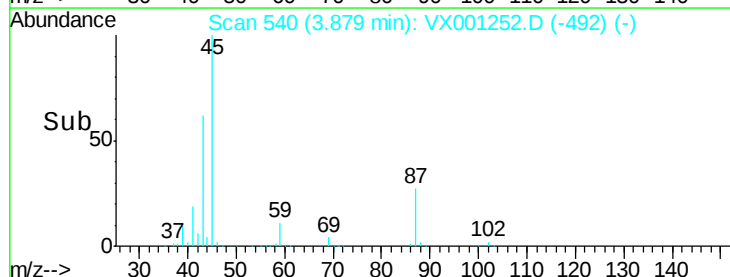
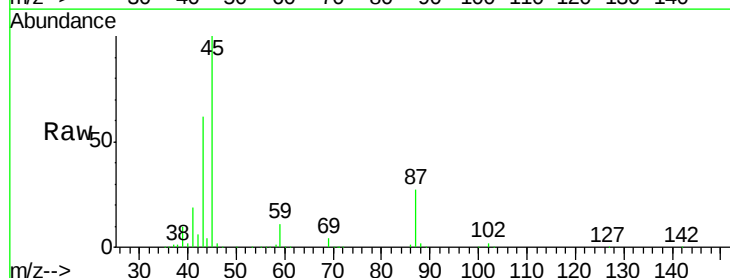
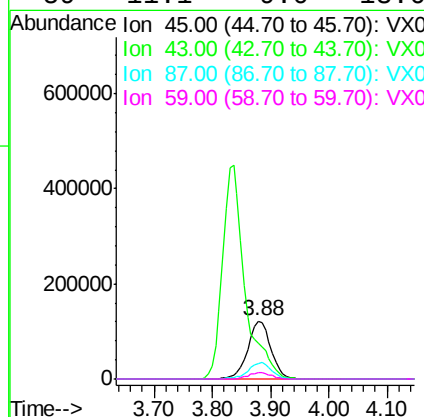
RT: 3.88 min Scan# 540

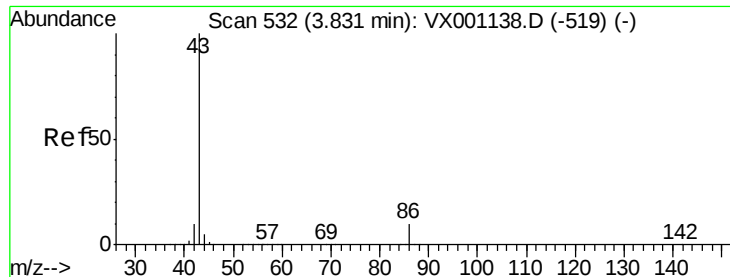
Delta R.T. -0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	45	Resp:	336312
Ion	Ratio	Lower	Upper
45	100		
43	61.7	45.0	67.4
87	27.4	22.8	34.2
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 202.41 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 43 Resp: 1196077

Ion Ratio Lower Upper

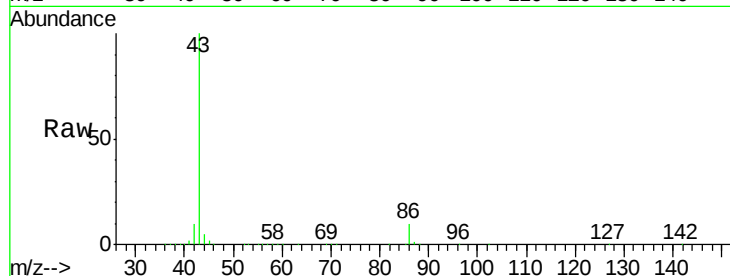
43 100

86 10.4 8.0 12.0

Manual Integrations
APPROVED

apatel

5/1/2018 7:45:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

500000

400000

300000

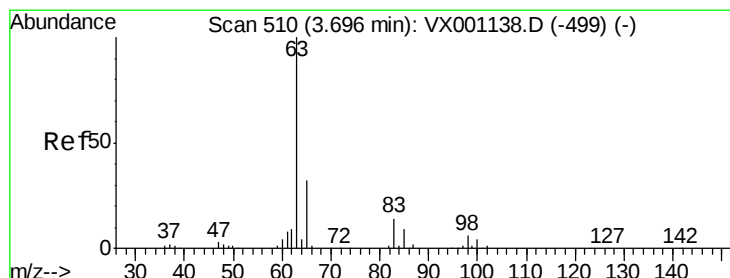
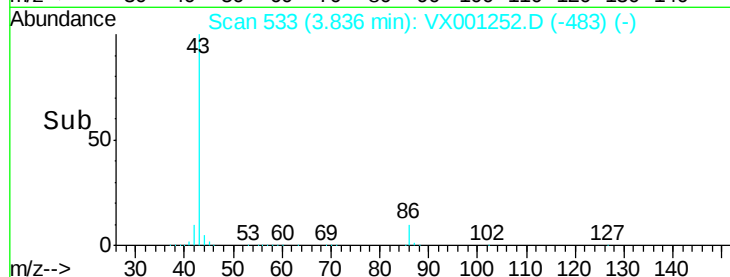
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.06 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

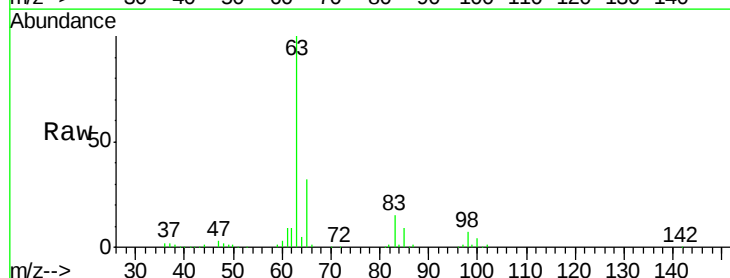
Tgt Ion: 63 Resp: 179616

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

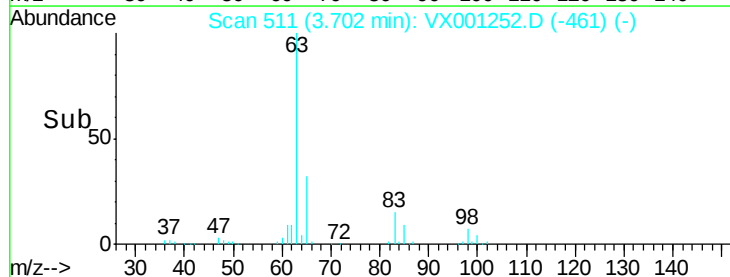
40000

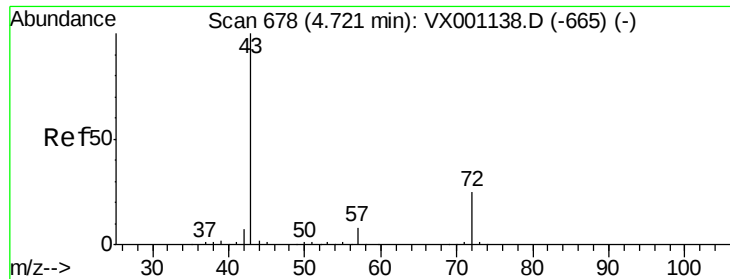
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 207.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 43 Resp: 372951

Ion Ratio Lower Upper

43 100

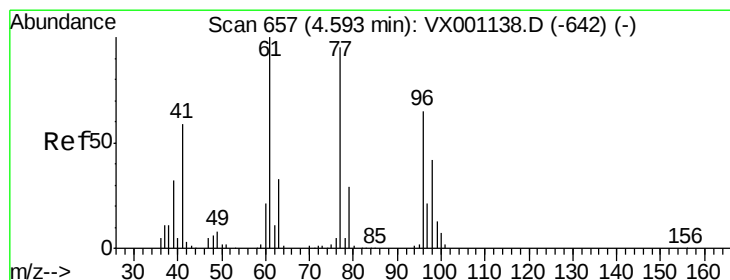
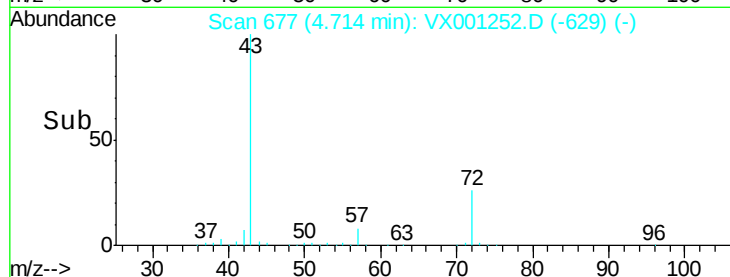
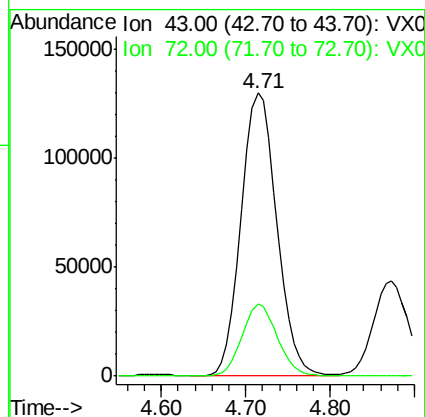
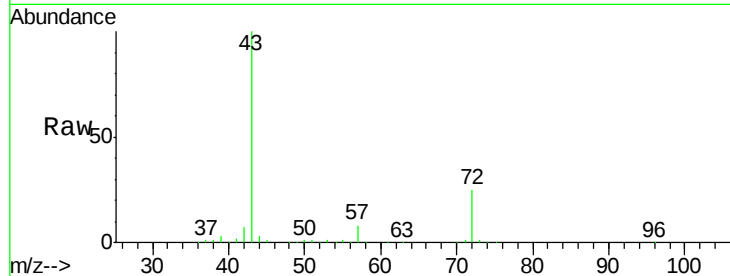
72 25.4 20.0 30.0

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#26

2,2-Dichloropropane

Concen: 30.26 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001252.D

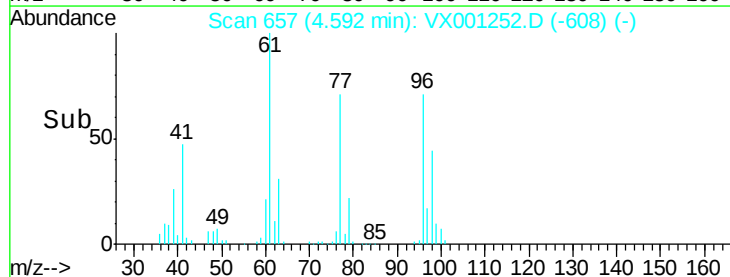
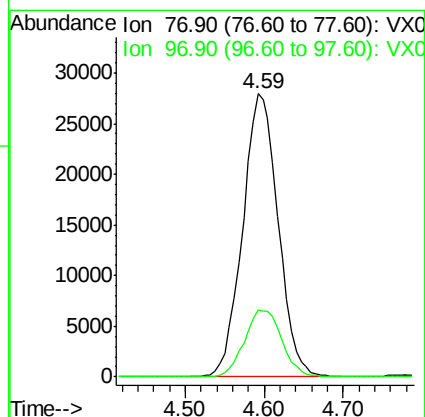
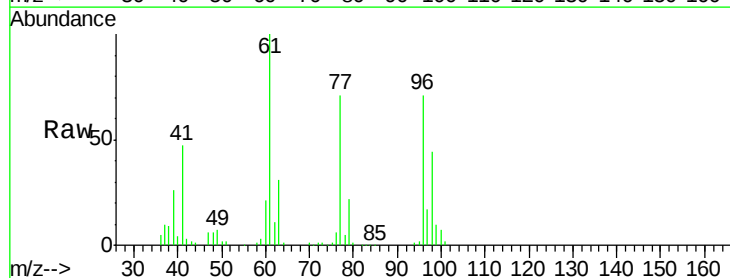
Acq: 29 Apr 2018 08:34

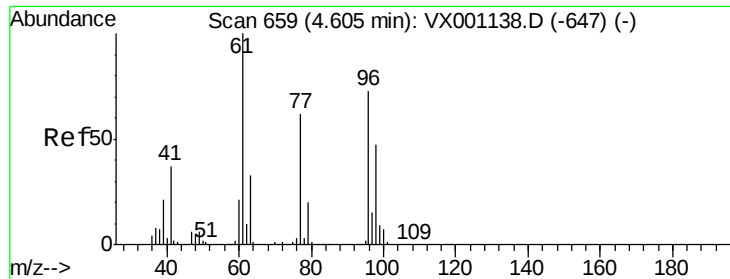
Tgt Ion: 77 Resp: 87206

Ion Ratio Lower Upper

77 100

97 24.8 11.4 34.2





#27

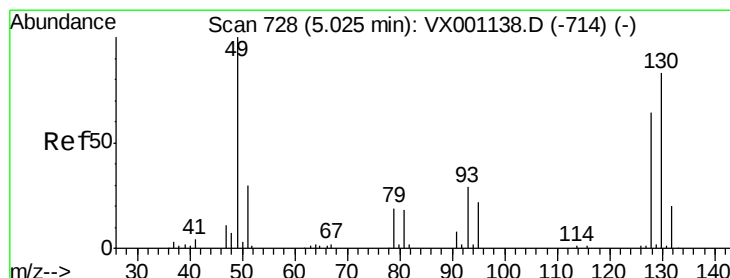
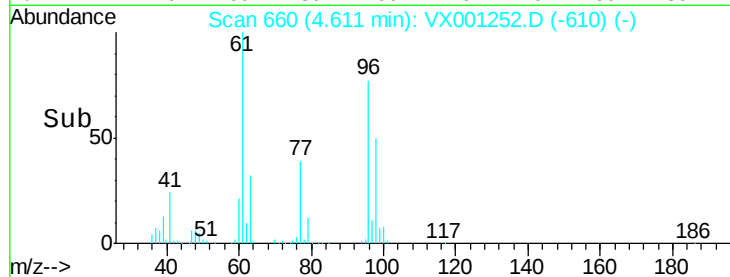
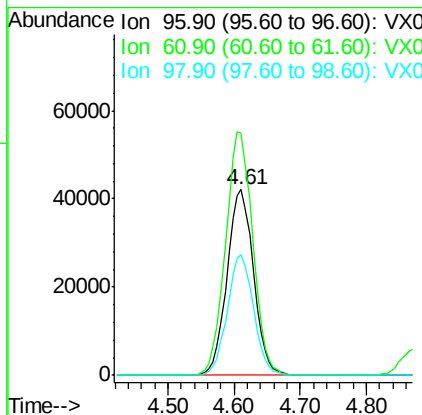
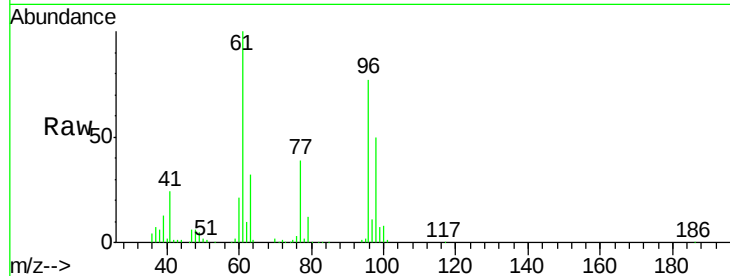
cis-1,2-Dichloroethene
Concen: 50.63 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.7	0.0	289.0	
98	64.4	0.0	128.2	

Manual Integrations
APPROVED

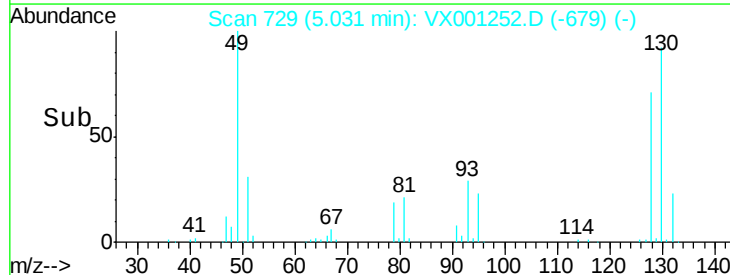
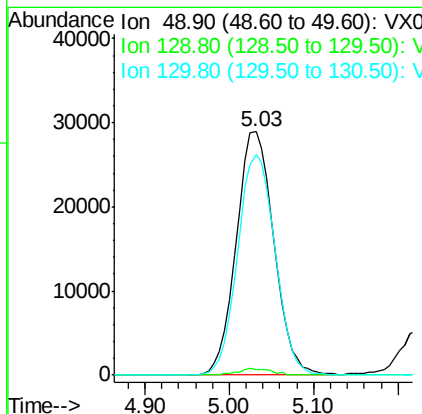
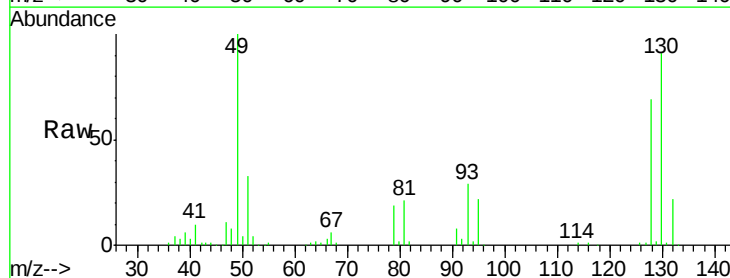
apatel
5/1/2018 7:45:04 PM

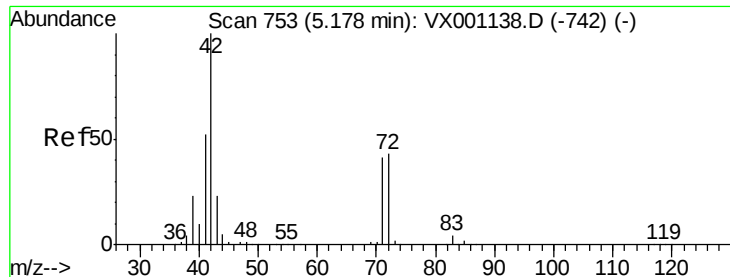


#28

Bromochloromethane
Concen: 53.50 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.6	
130	90.1	68.2	102.2	





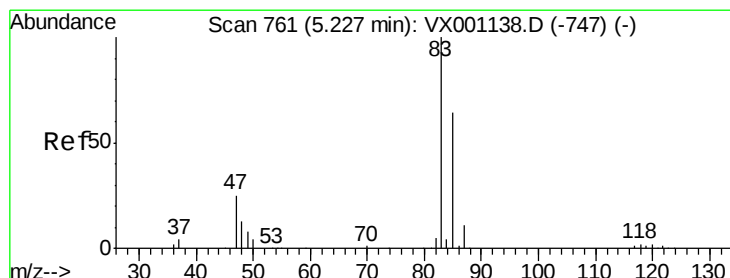
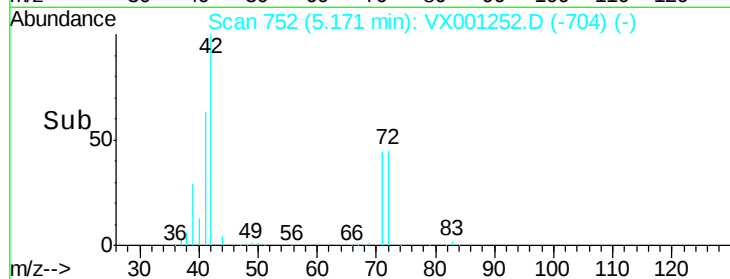
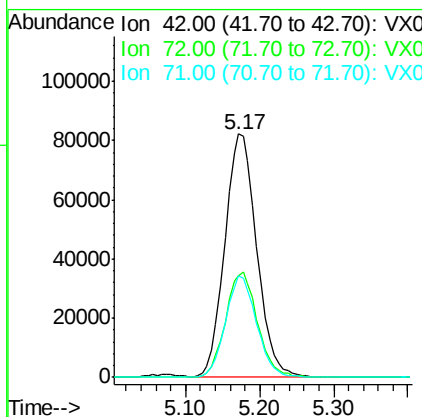
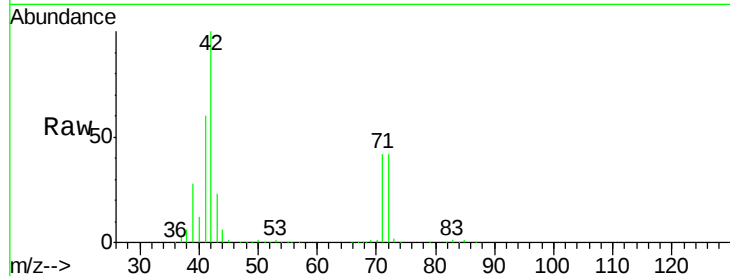
#29
Tetrahydrofuran
Concen: 211.90 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.4	51.6
71	40.9	32.1	48.1

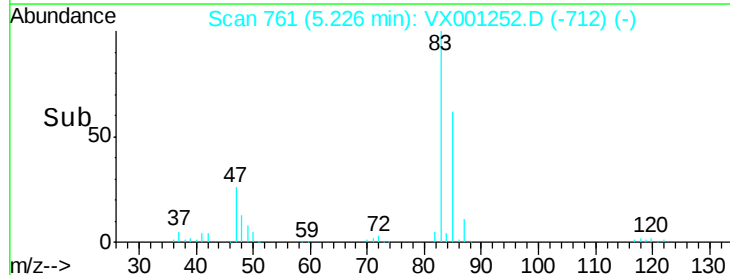
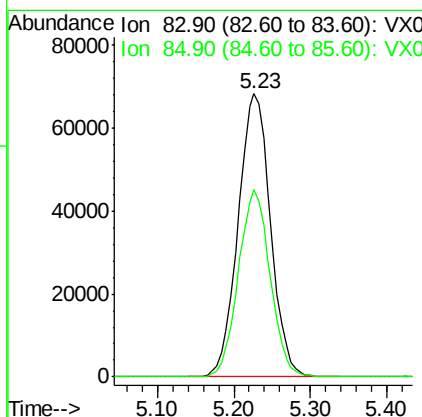
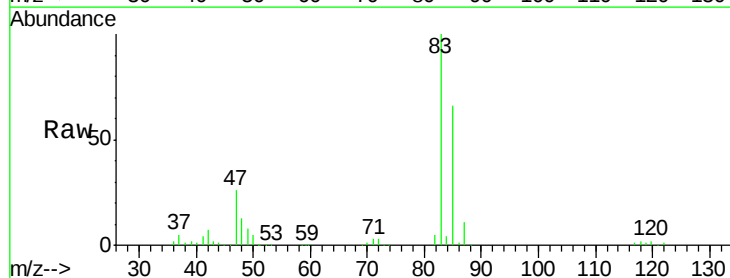
Manual Integrations
APPROVED

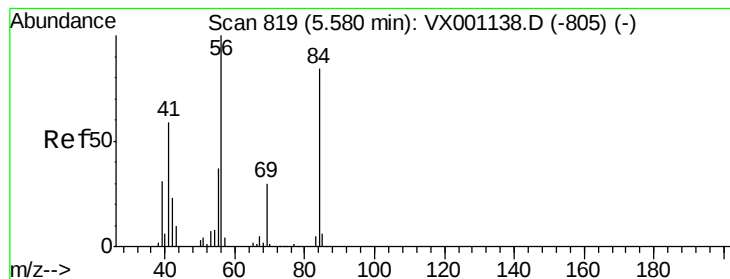
apatel
5/1/2018 7:45:04 PM



#30
Chloroform
Concen: 51.51 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0





#31

Cyclohexane

Concen: 49.40 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

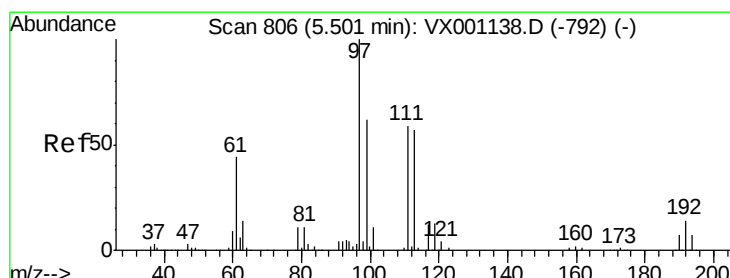
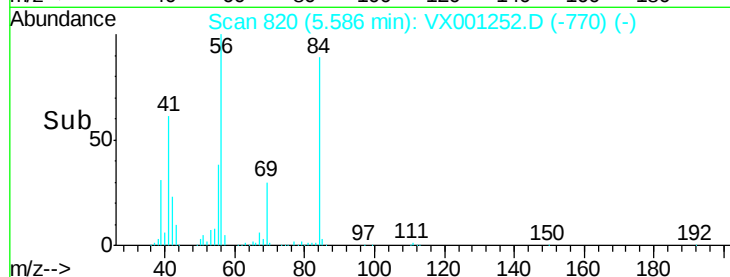
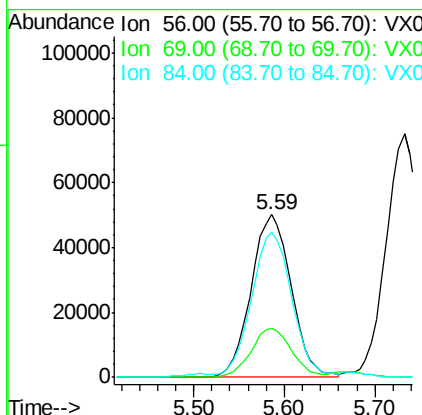
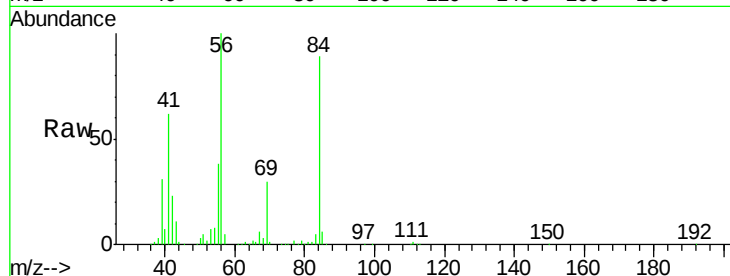
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	56	Resp:	153658
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.2	36.2
84	87.5	67.5	101.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#32

1,1,1-Trichloroethane

Concen: 52.70 ug/l

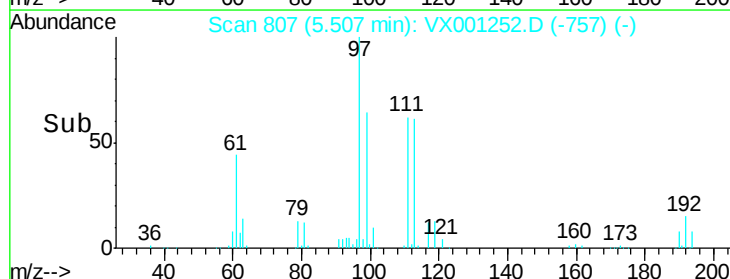
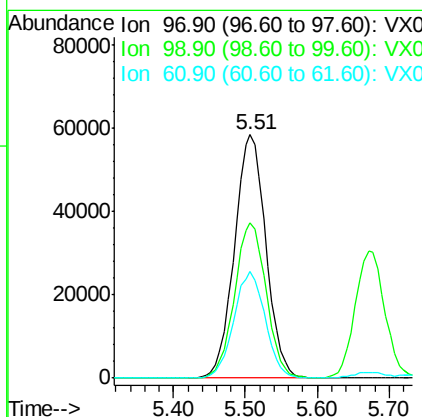
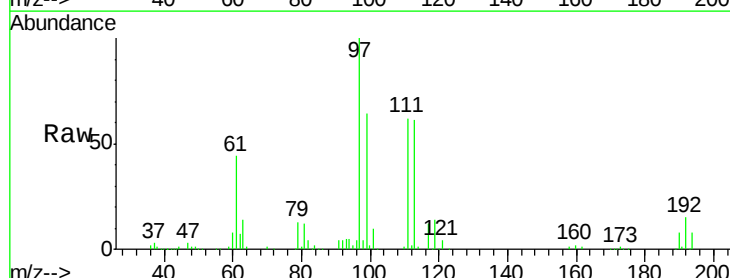
RT: 5.51 min Scan# 807

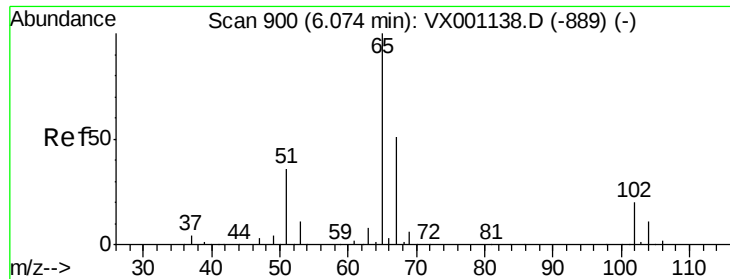
Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	97	Resp:	177120
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	43.8	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 44.42 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tot Ion: 65 Resp: 129928

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.2

Instrument :

MSVOA_X

ClientSampleId :

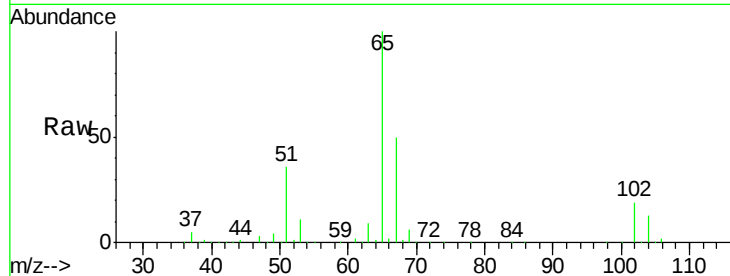
BP-HN-MW24S-20180424MSD

Manual Integrations

APPROVED

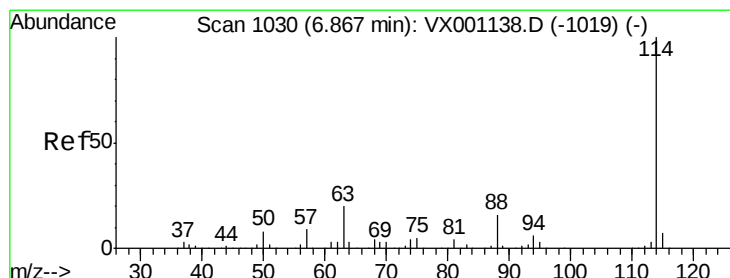
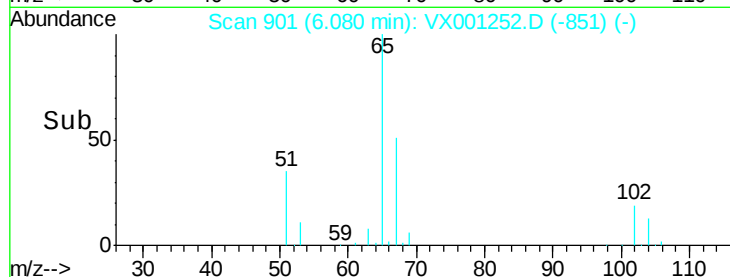
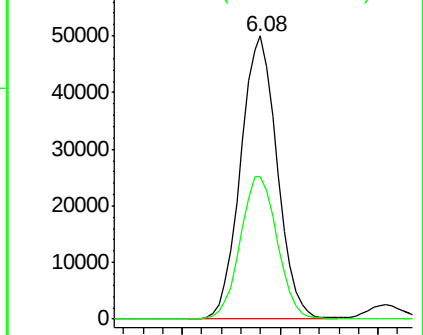
apatel

5/1/2018 7:45:04 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

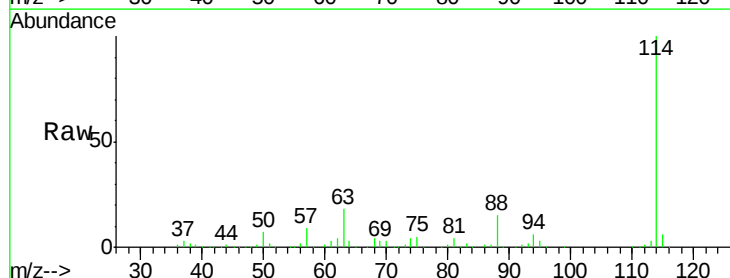
Tgt Ion: 114 Resp: 254936

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.4

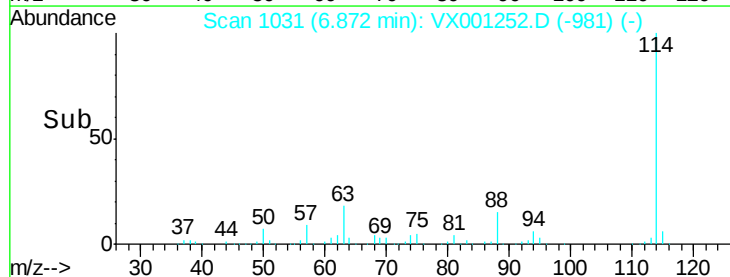
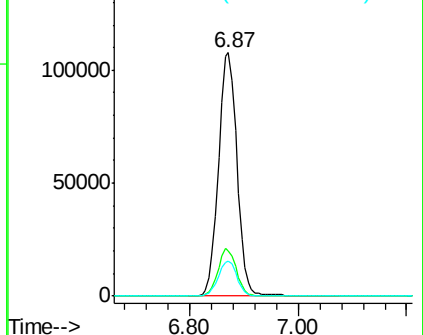
88 14.6 0.0 31.8

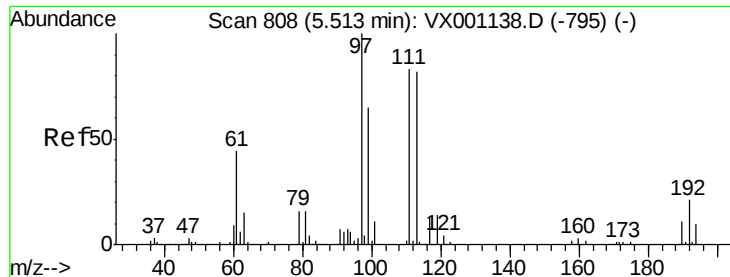


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





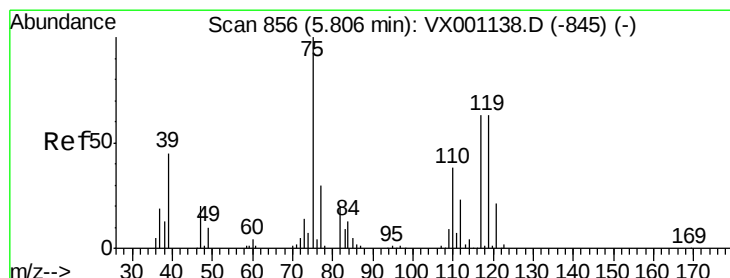
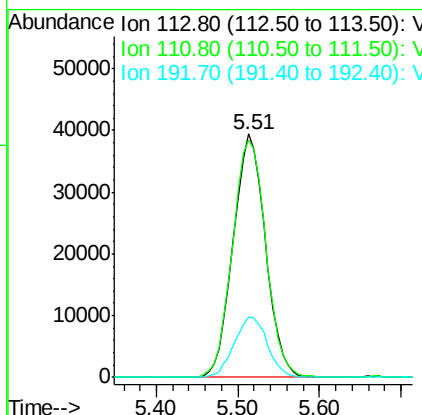
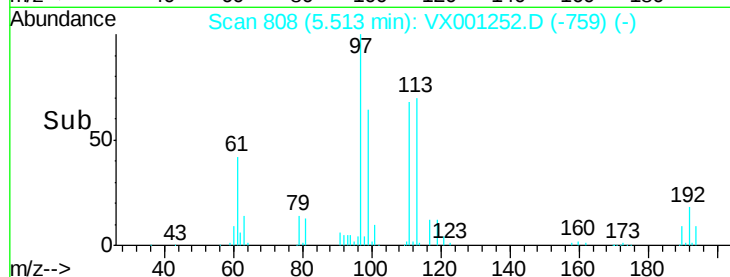
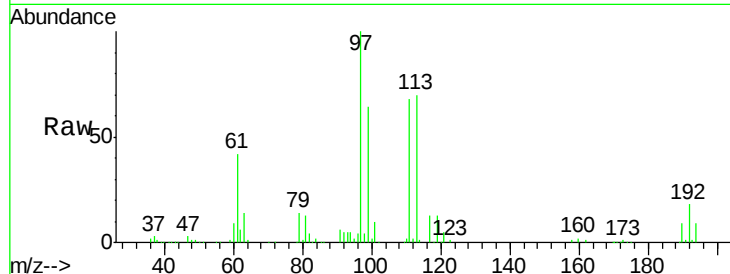
#35
 Dibromofluoromethane
 Concen: 51.22 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.1	82.2	123.4	
192	25.6	20.6	30.8	

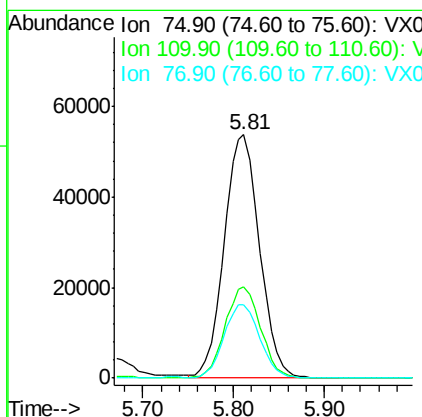
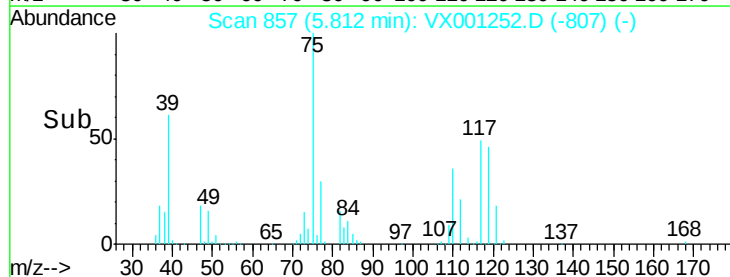
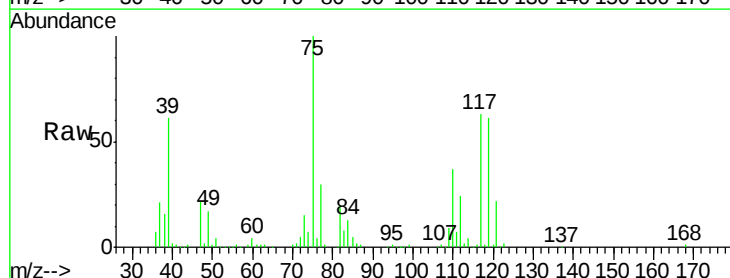
Manual Integrations
 APPROVED

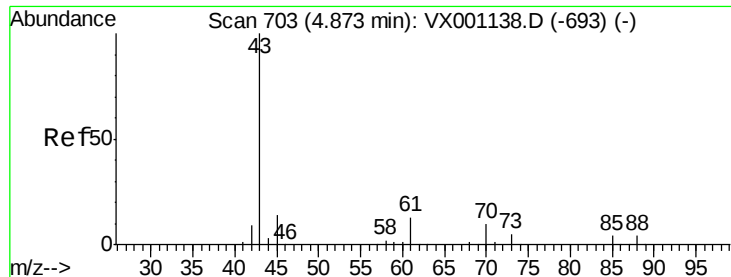
apatel
 5/1/2018 7:45:04 PM



#36
 1,1-Dichloropropene
 Concen: 51.51 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.0	19.0	57.0	
77	30.5	24.8	37.2	





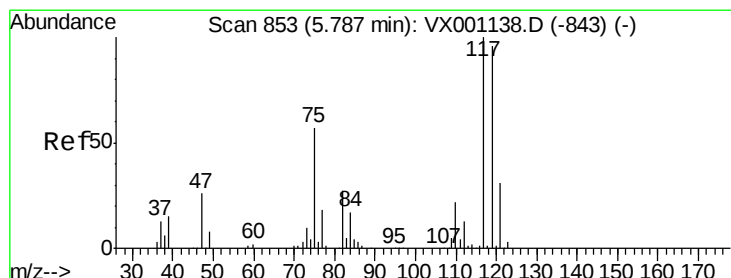
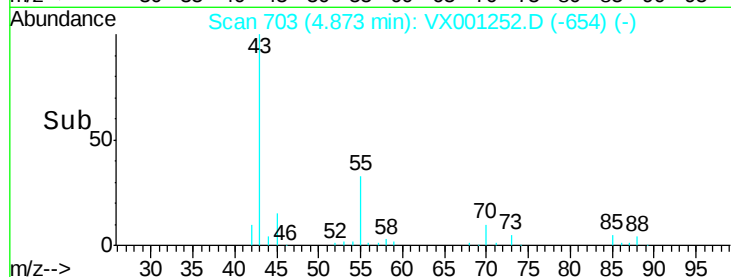
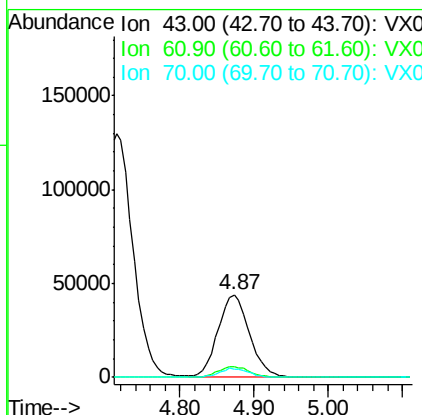
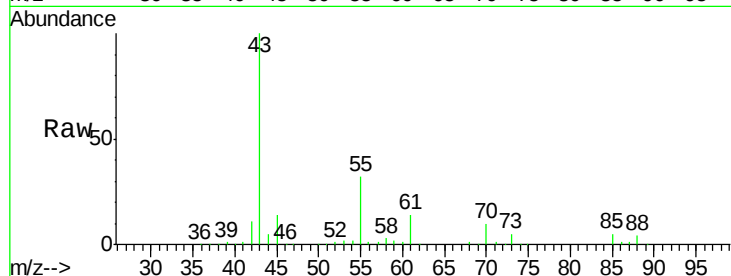
#37
Ethyl Acetate
Concen: 38.44 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion:	43	Resp:	129318
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.3	8.2	12.2

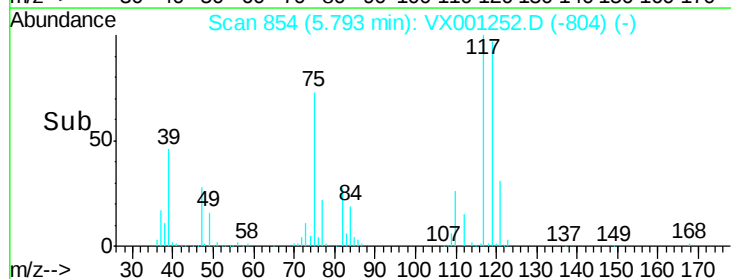
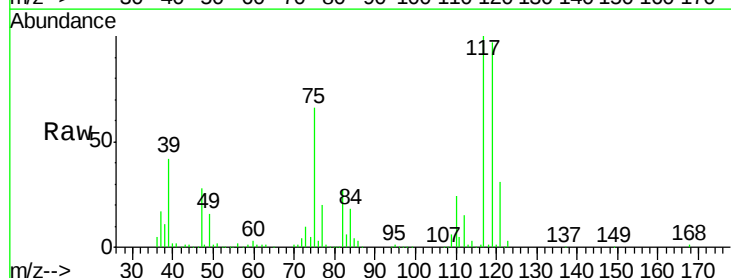
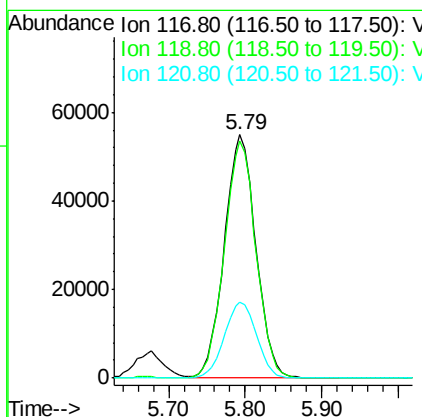
Manual Integrations
APPROVED

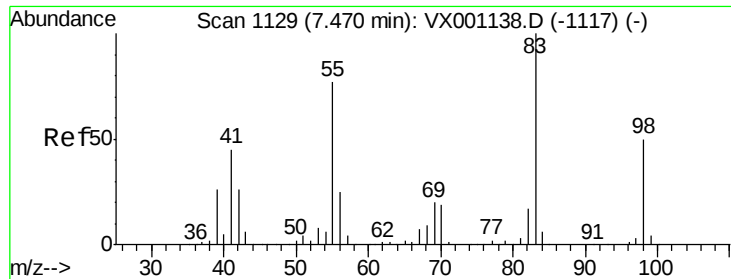
apatel
5/1/2018 7:45:04 PM



#38
Carbon Tetrachloride
Concen: 54.54 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion:	117	Resp:	157119
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
121	31.3	24.6	37.0





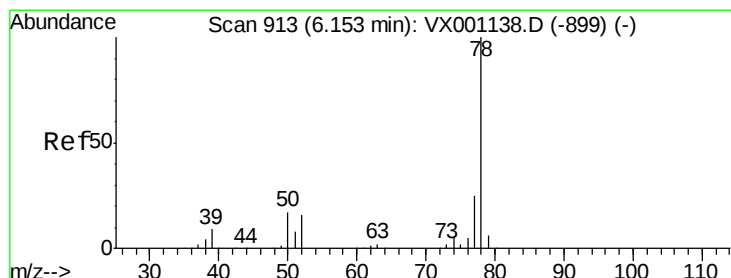
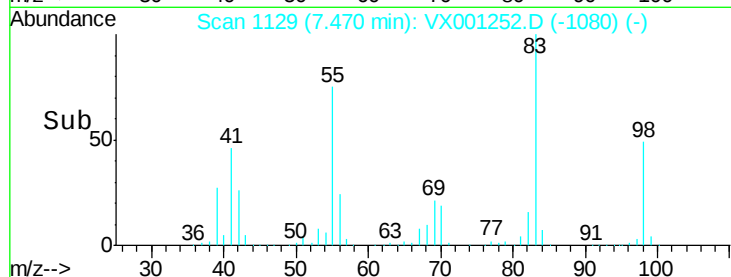
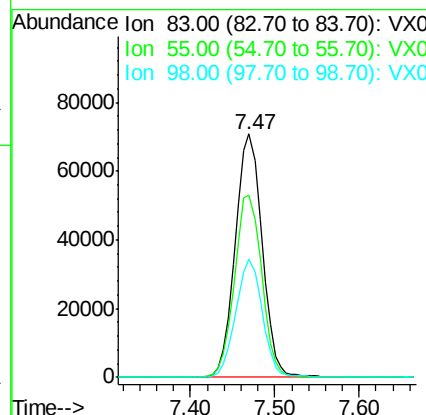
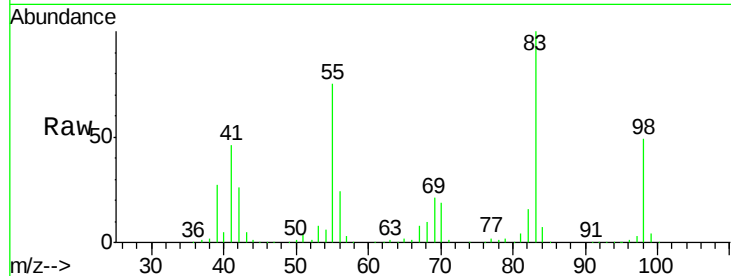
#39
Methvlcvclohexane
Concen: 49.09 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.6	61.8	92.6	
98	48.8	40.0	60.0	

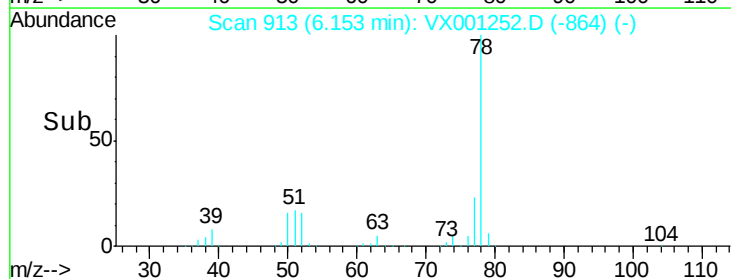
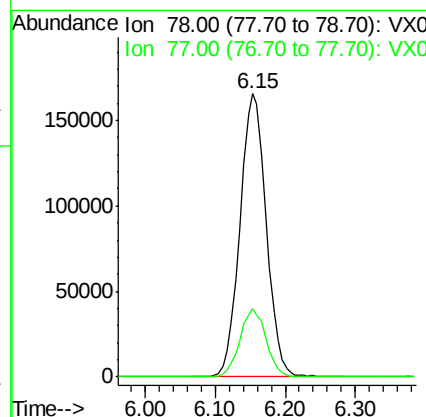
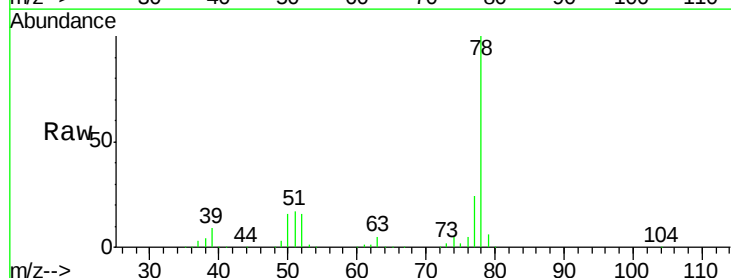
Manual Integrations
APPROVED

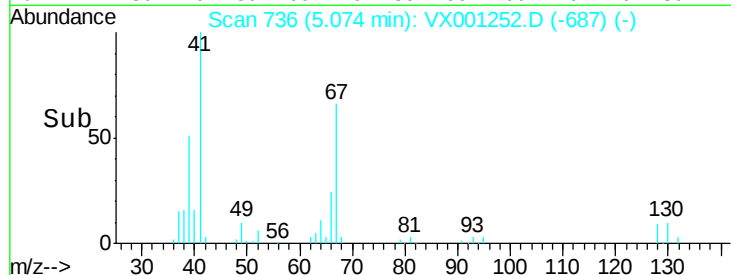
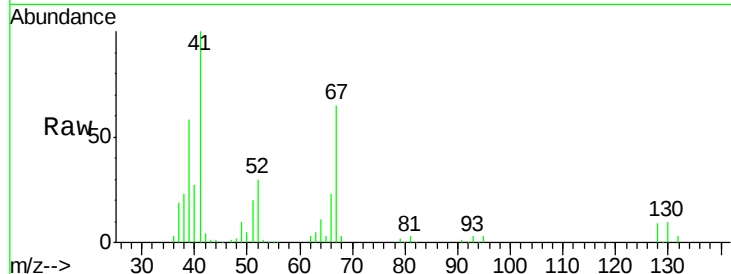
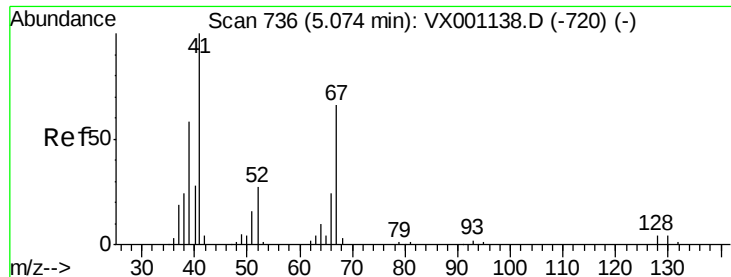
apatel
5/1/2018 7:45:04 PM



#40
Benzene
Concen: 52.99 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.7	29.5	





#41

Methacrylonitrile

Concen: 46.08 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tot Ion:	41	Resp:	87101
Ion Ratio	Lower	Upper	
41	100		
39	57.1	45.9	68.9
67	68.5	53.2	79.8
52	30.5	23.1	34.7

Instrument :

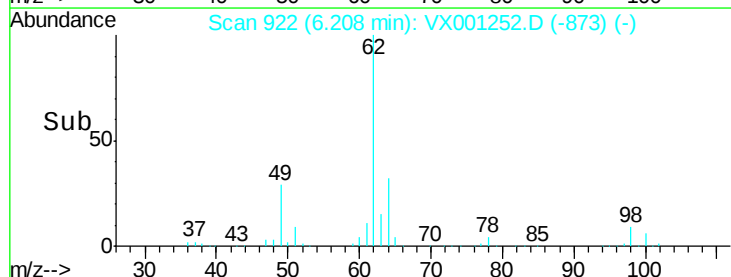
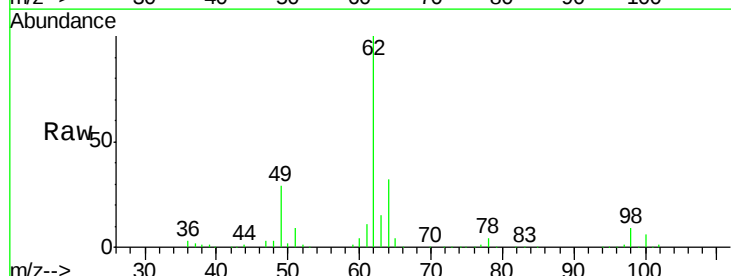
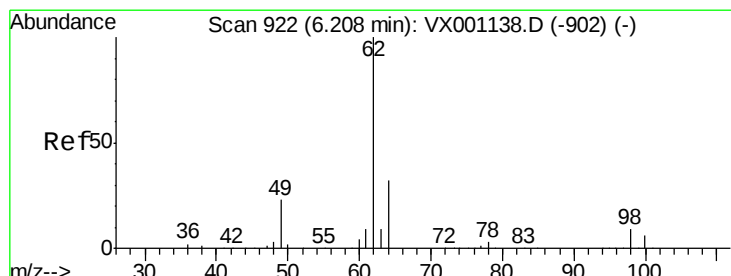
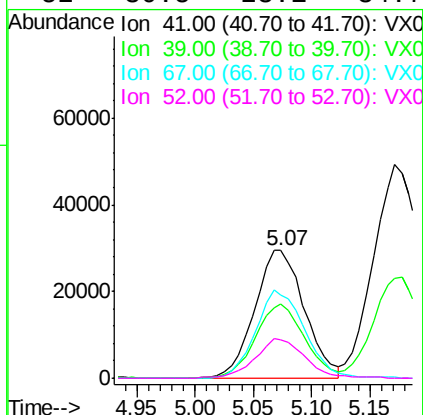
MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#42

1,2-Dichloroethane

Concen: 50.93 ug/l

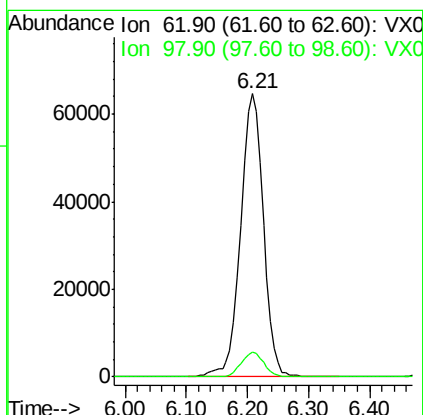
RT: 6.21 min Scan# 922

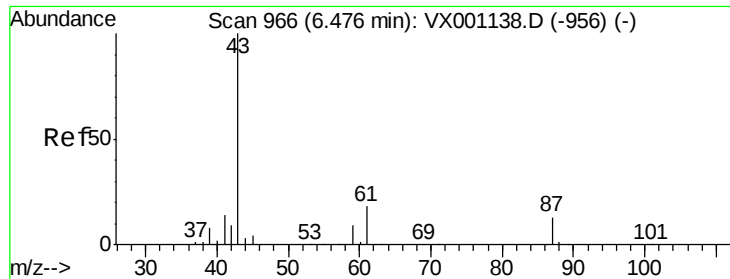
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	62	Resp:	166779
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.0





#43

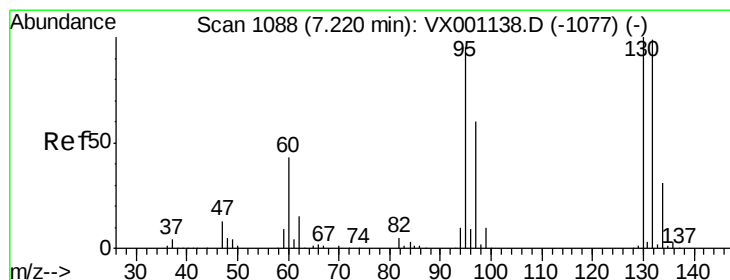
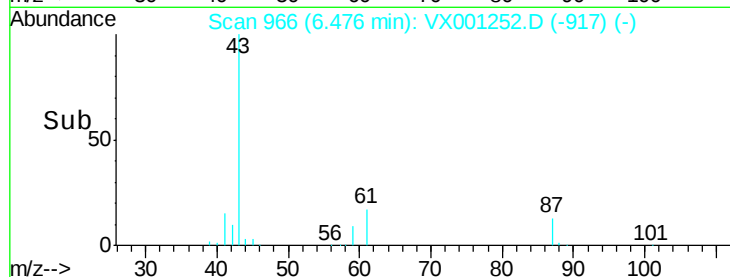
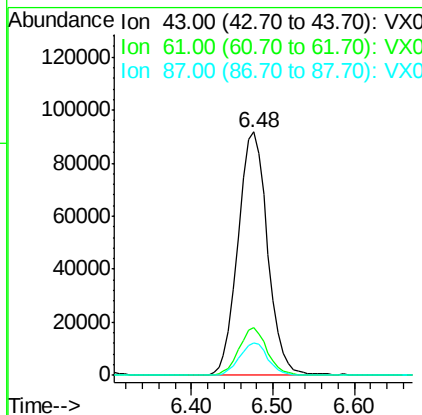
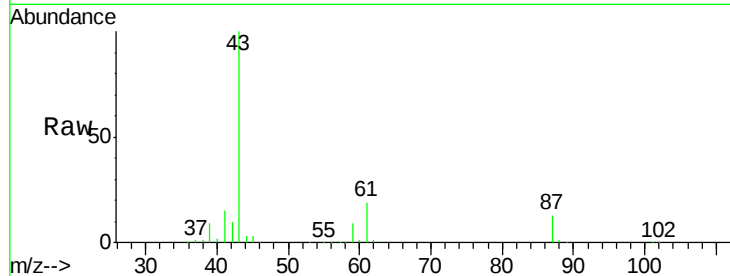
Isopropyl Acetate
 Concen: 43.44 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	13.1	10.3	15.5

Manual Integrations
 APPROVED

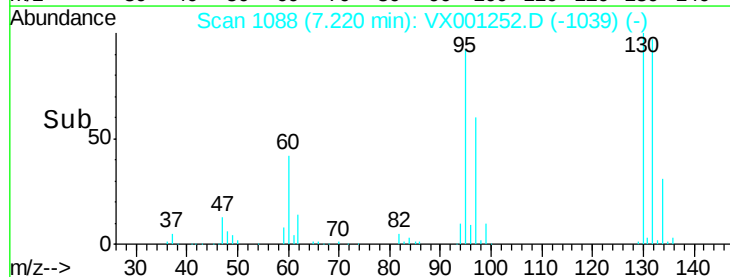
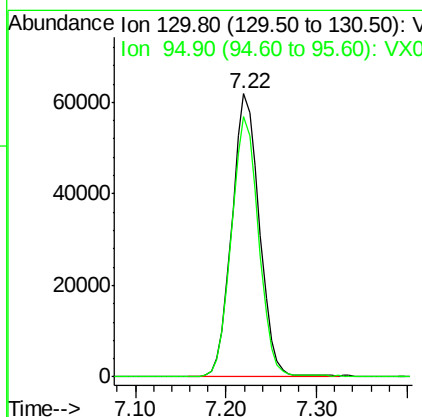
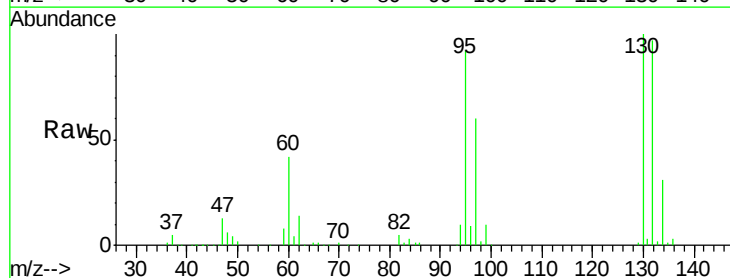
apatel
 5/1/2018 7:45:04 PM

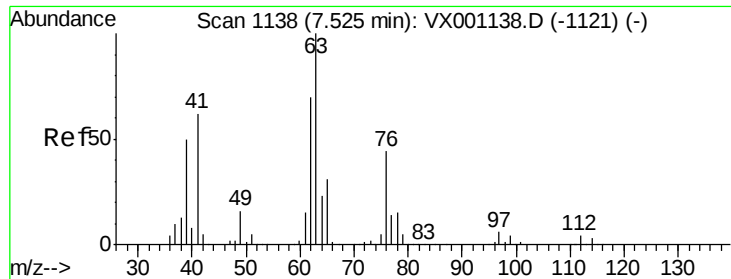


#44

Trichloroethene
 Concen: 53.92 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	189.6





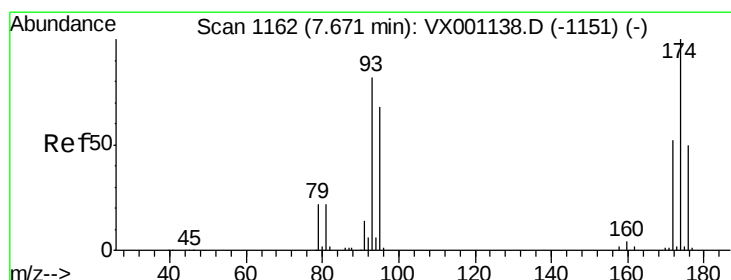
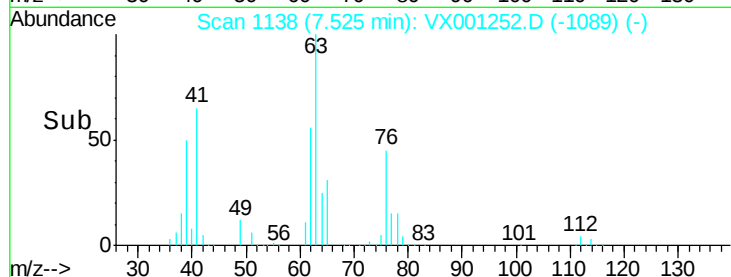
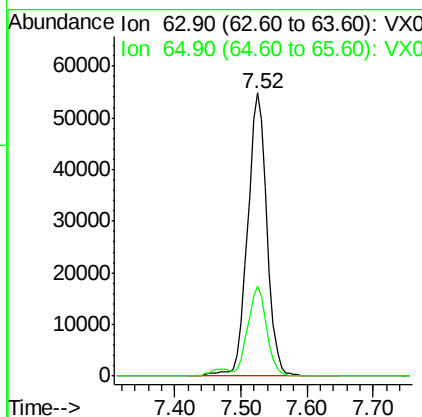
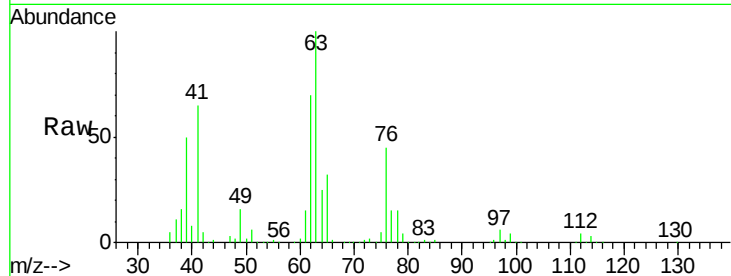
#45
 1,2-Dichloropropane
 Concen: 52.34 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion: 63 Resp: 111873
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.9 37.3

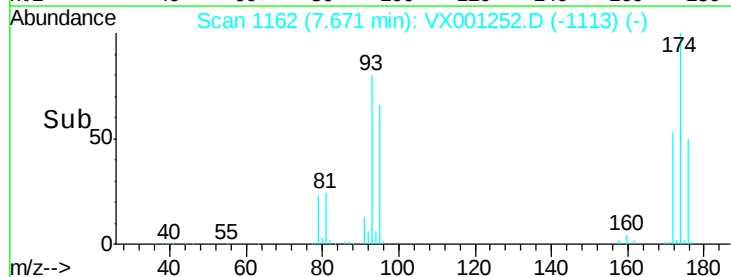
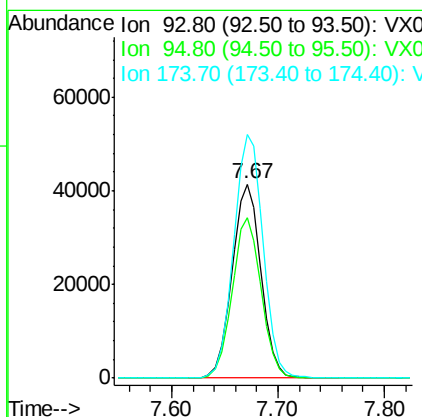
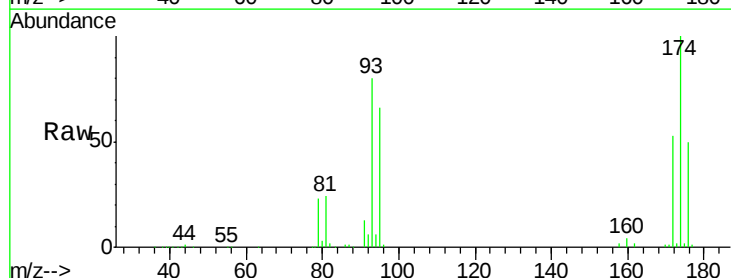
Manual Integrations
 APPROVED

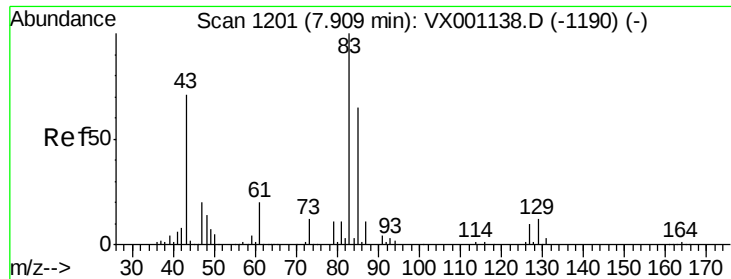
apatel
 5/1/2018 7:45:04 PM



#46
 Dibromomethane
 Concen: 53.11 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion: 93 Resp: 78608
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 128.3 99.6 149.4





#47

Bromodichloromethane

Concen: 54.99 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

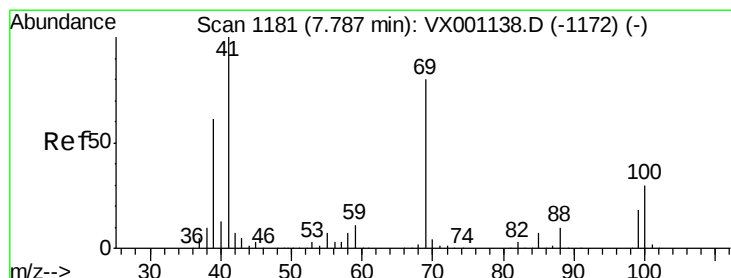
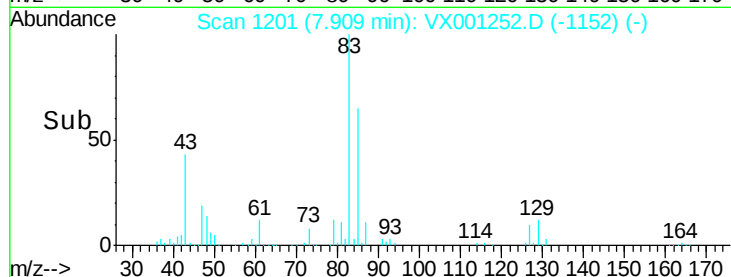
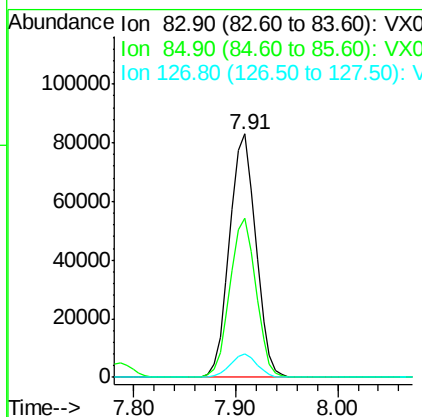
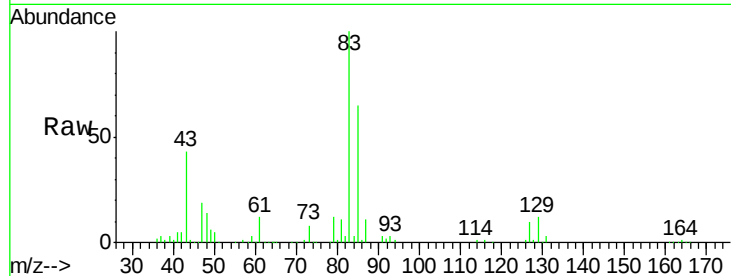
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	83	Resp:	147892
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.9	77.9
127	9.7	7.7	11.5

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#48

Methyl methacrylate

Concen: 48.03 ug/l

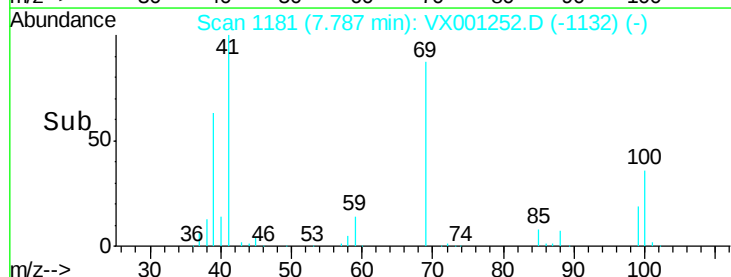
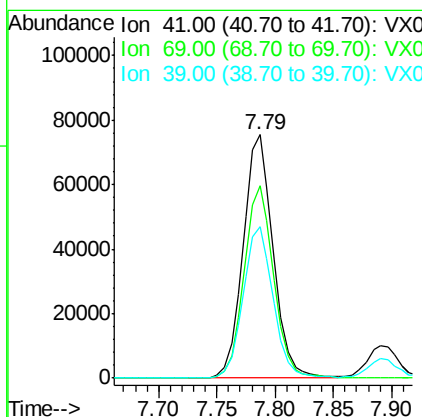
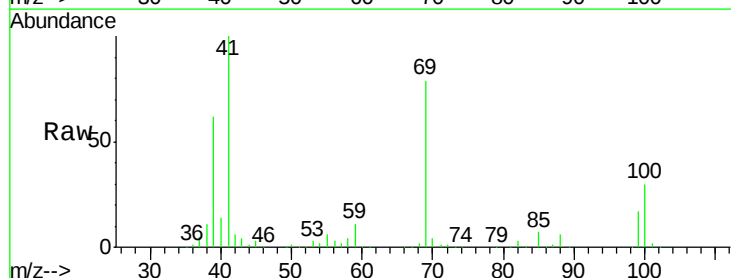
RT: 7.79 min Scan# 1181

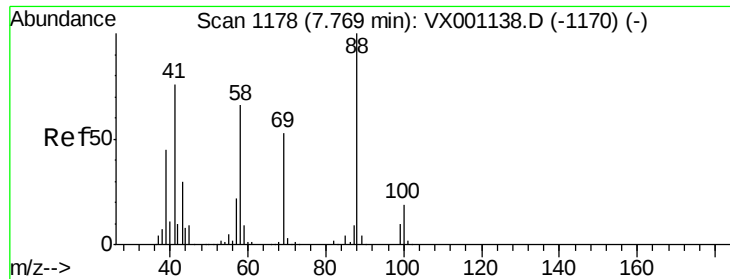
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	41	Resp:	134884
Ion	Ratio	Lower	Upper
41	100		
69	78.6	62.4	93.6
39	62.2	48.7	73.1





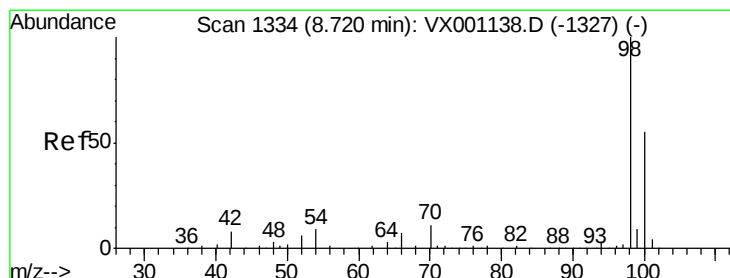
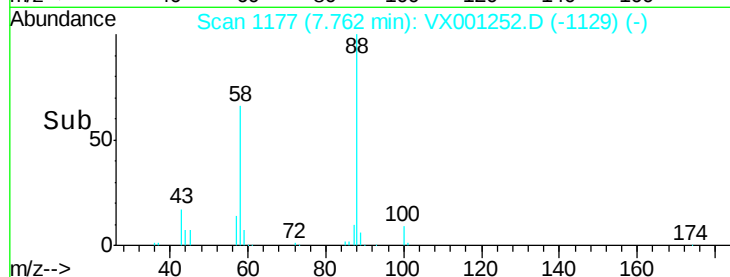
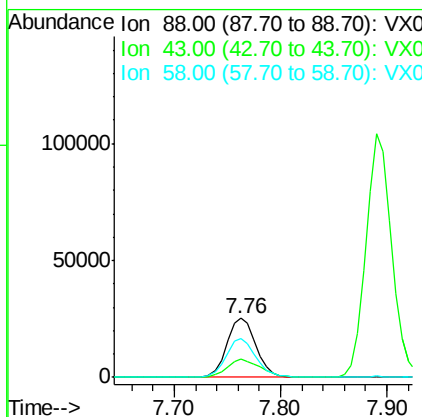
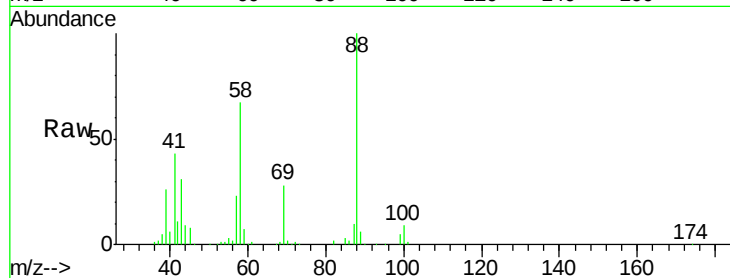
#49
1,4-Dioxane
Concen: 858.89 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.3	40.9
58	67.8	54.2	81.4

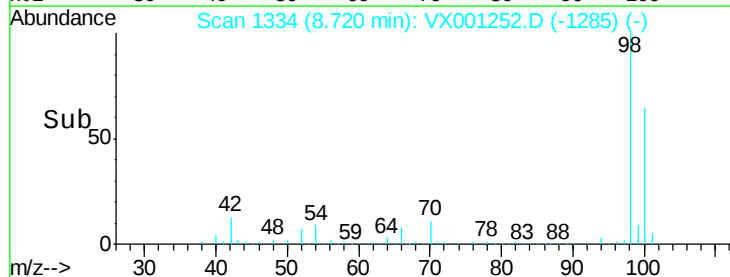
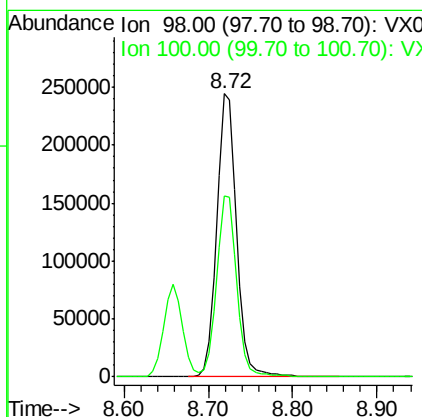
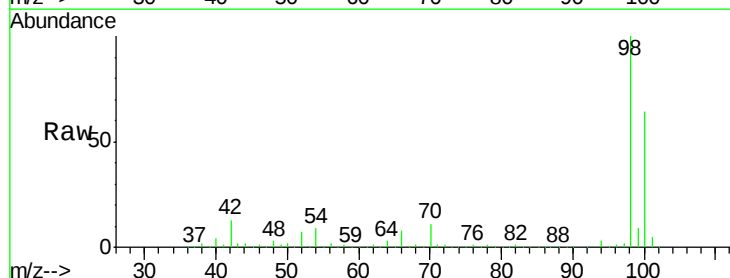
Manual Integrations
APPROVED

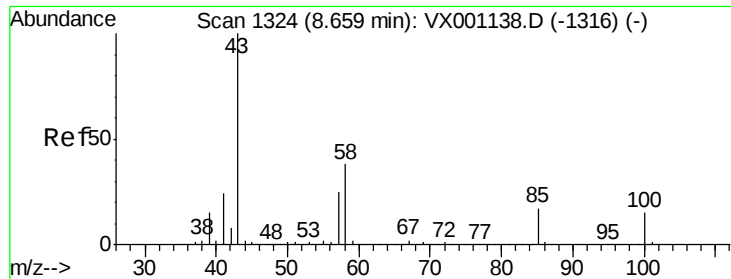
apatel
5/1/2018 7:45:04 PM



#50
Toluene-d8
Concen: 49.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 239.87 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 43 Resp: 832506

Ion Ratio Lower Upper

43 100

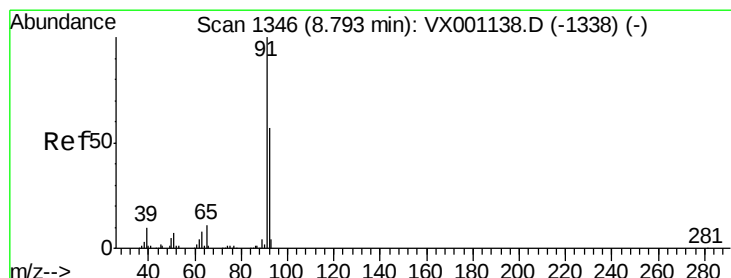
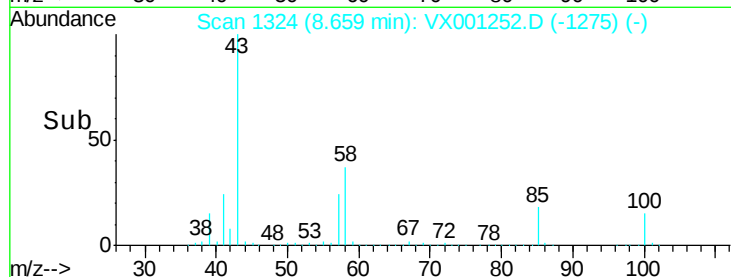
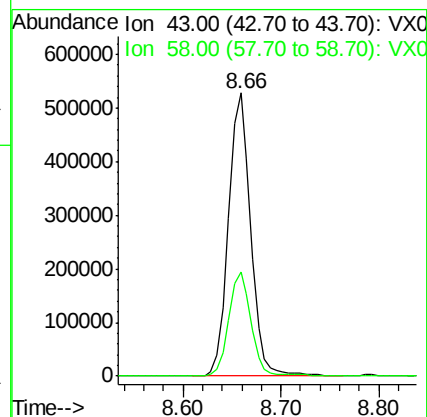
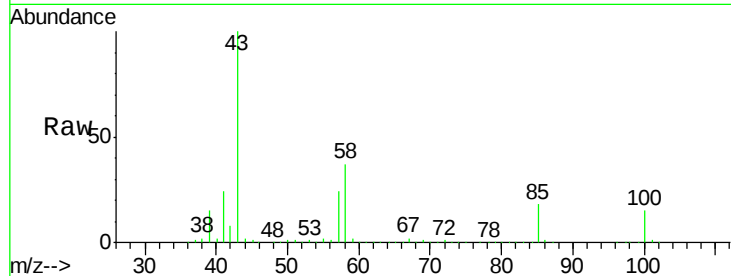
58 36.6 30.2 45.2

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#52

Toluene

Concen: 53.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001252.D

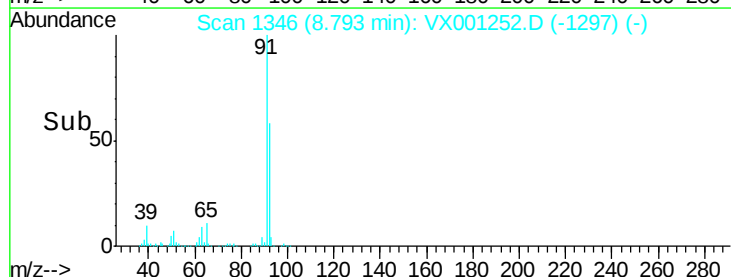
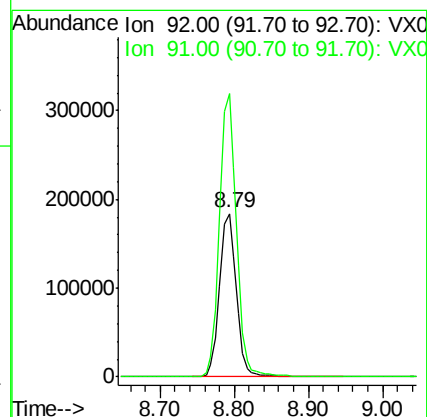
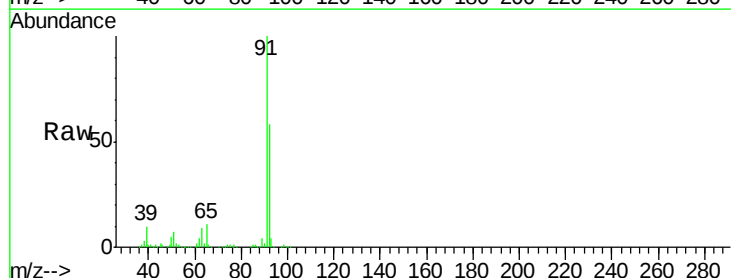
Acq: 29 Apr 2018 08:34

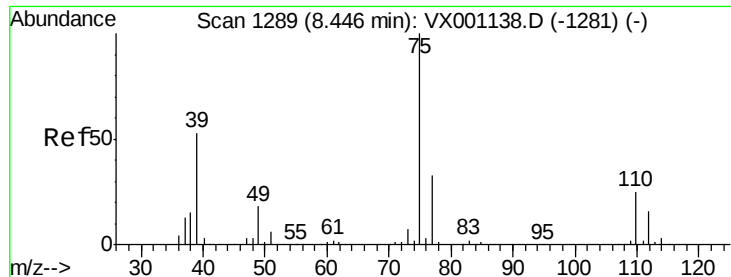
Tgt Ion: 92 Resp: 286788

Ion Ratio Lower Upper

92 100

91 174.2 139.8 209.6





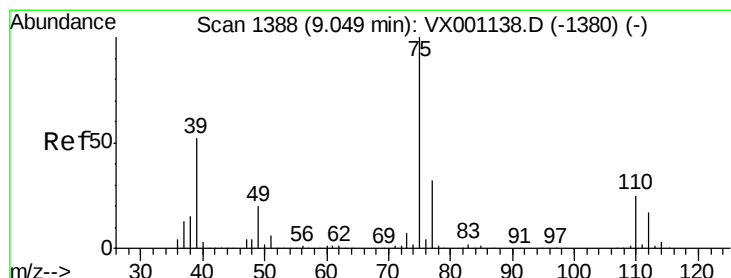
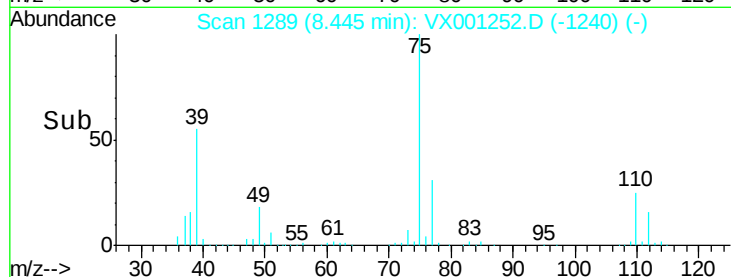
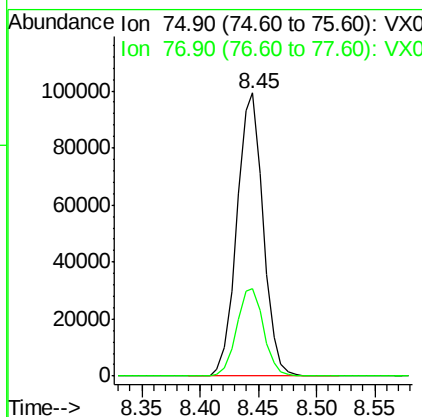
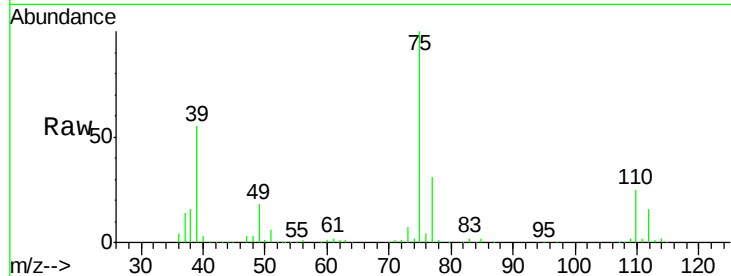
#53
 t-1,3-Dichloropropene
 Concen: 49.88 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion: 75 Resp: 155947
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.4

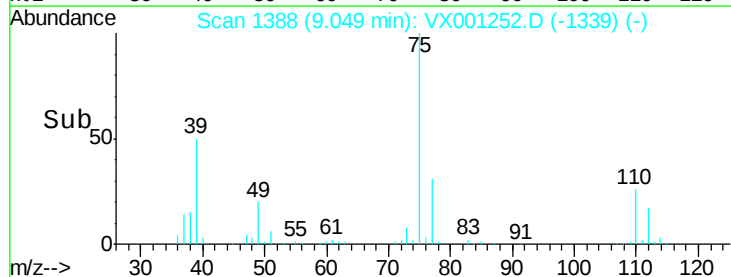
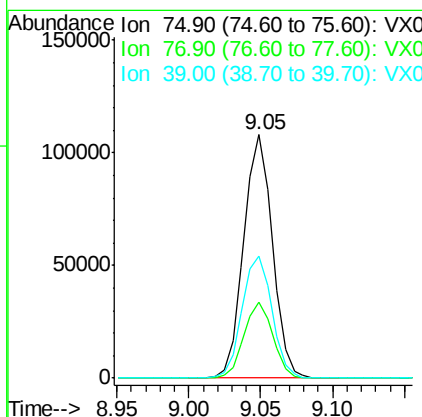
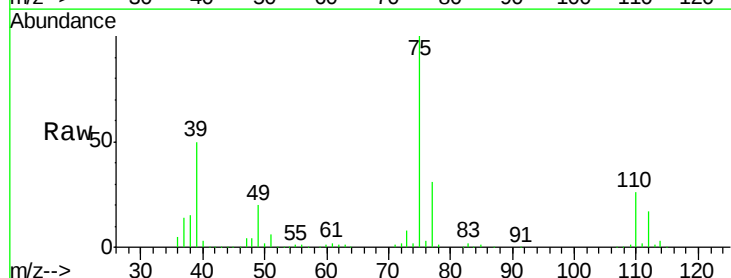
Manual Integrations
 APPROVED

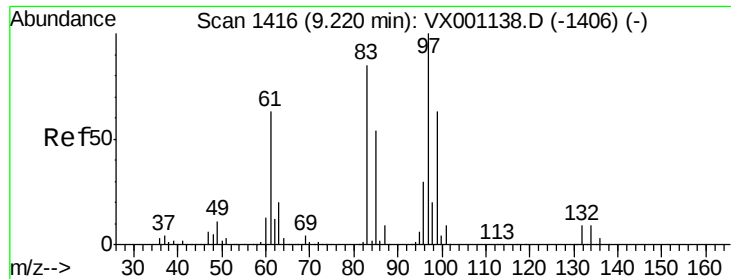
apatel
 5/1/2018 7:45:04 PM



#54
 cis-1,3-Dichloropropene
 Concen: 44.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion: 75 Resp: 149559
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2
 39 50.1 42.0 63.0





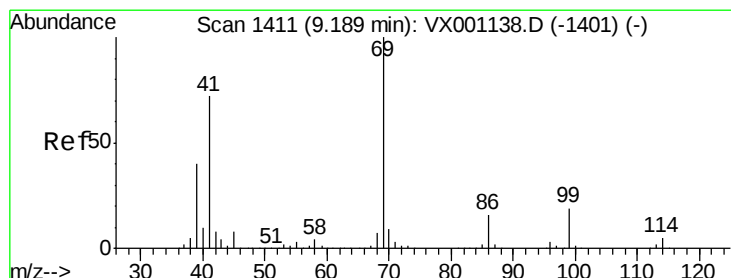
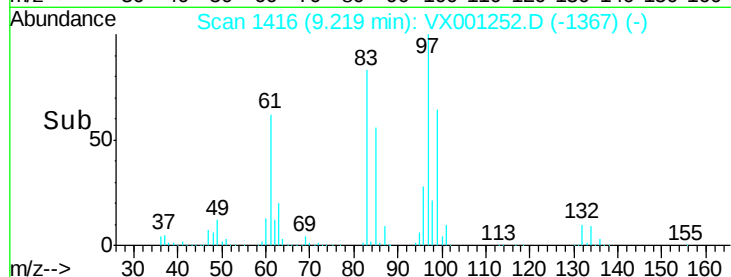
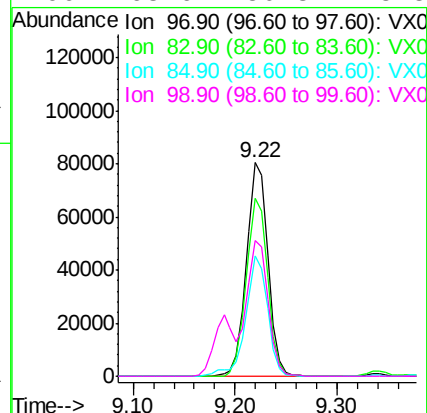
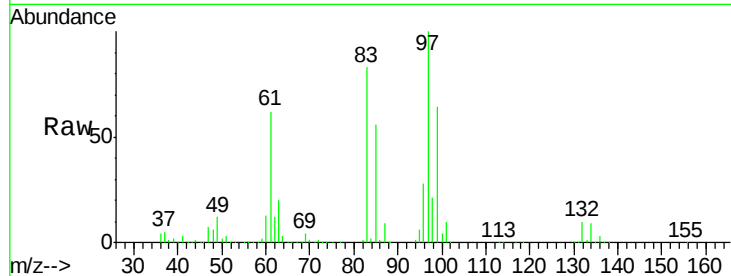
#55
 1,1,2-Trichloroethane
 Concen: 52.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion:	97	Resp:	117308
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.0	102.0
85	56.2	42.9	64.3
99	63.6	50.3	75.5

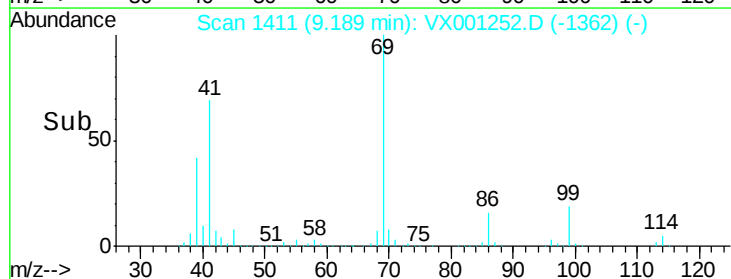
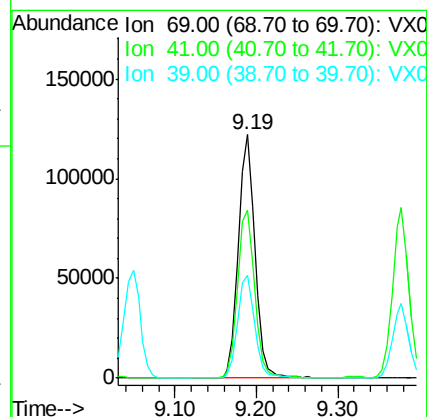
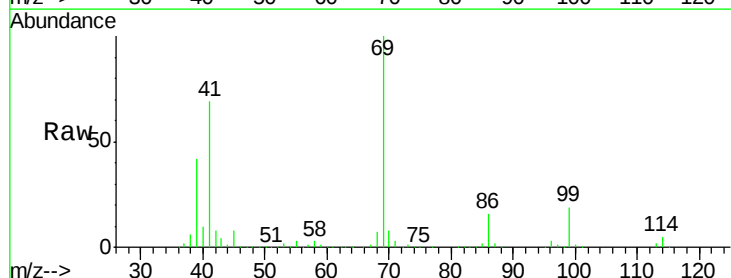
Manual Integrations
 APPROVED

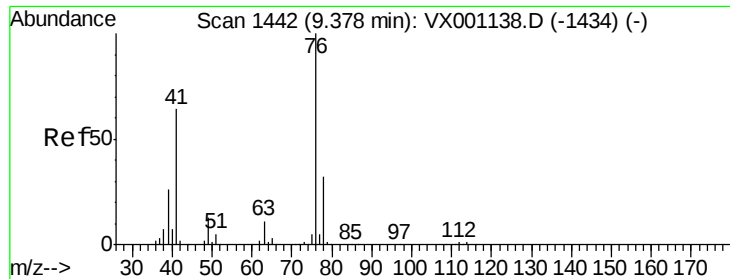
apatel
 5/1/2018 7:45:04 PM



#56
 Ethyl methacrylate
 Concen: 51.01 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion:	69	Resp:	169939
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.7	86.5
39	43.0	33.3	49.9





#57

1,3-Dichloropropane

Concen: 52.40 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 76 Resp: 190616

Ion Ratio Lower Upper

76 100

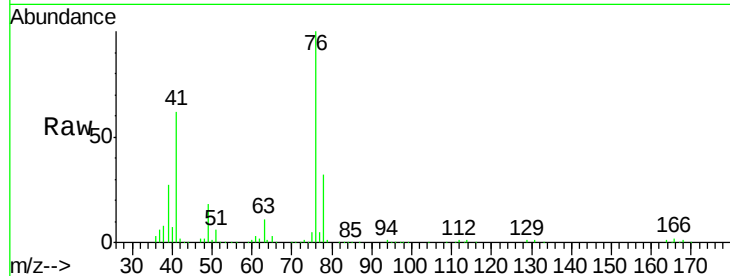
78 32.2 26.1 39.1

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

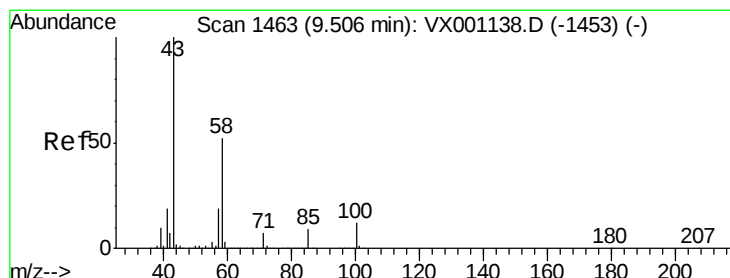
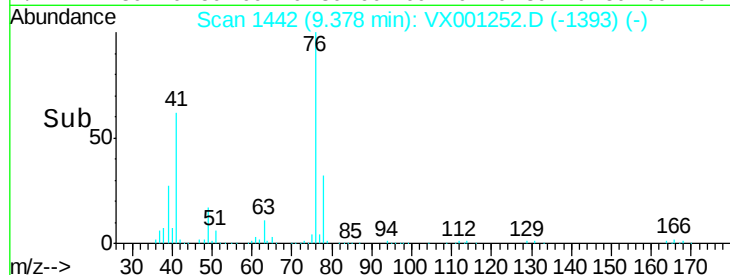
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 231.22 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX001252.D

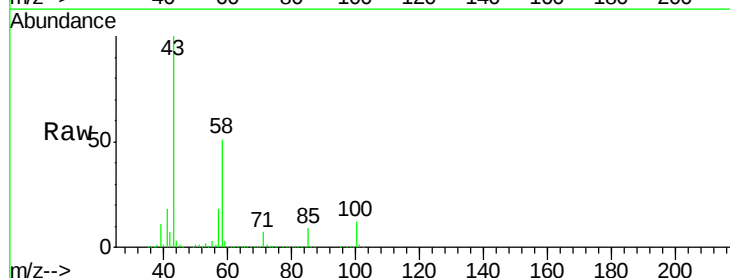
Acq: 29 Apr 2018 08:34

Tgt Ion: 43 Resp: 628762

Ion Ratio Lower Upper

43 100

58 50.5 25.8 77.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

500000

400000

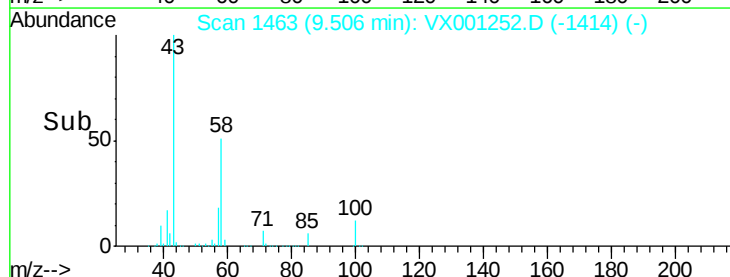
300000

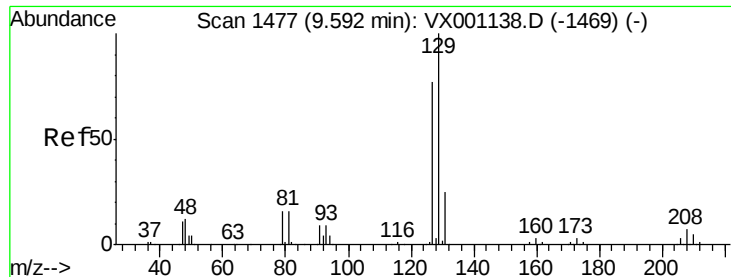
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 49.25 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:129 Resp: 129213

Ion Ratio Lower Upper

129 100

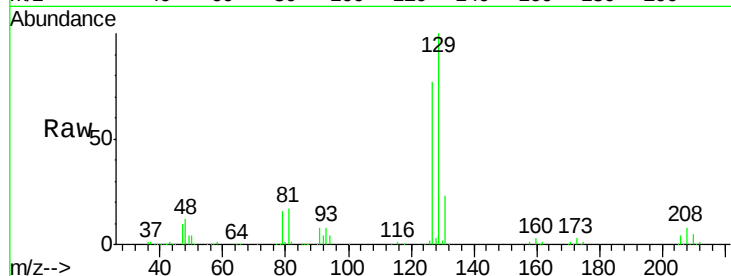
127 77.3 38.4 115.2

Manual Integrations

APPROVED

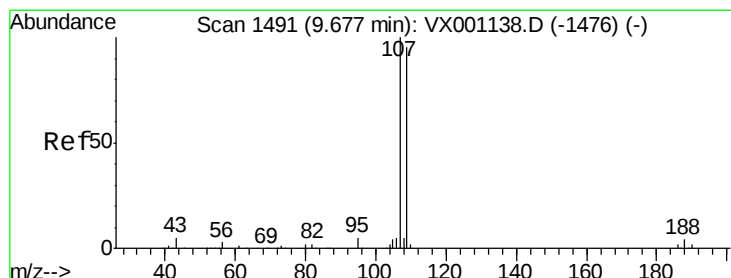
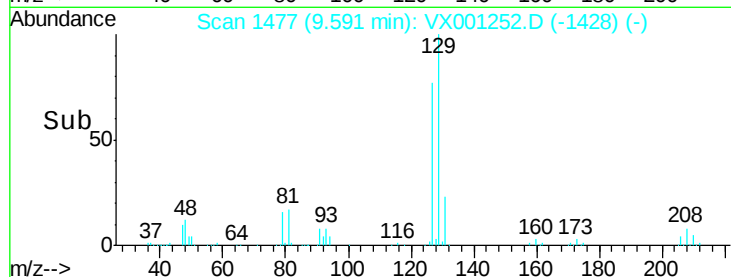
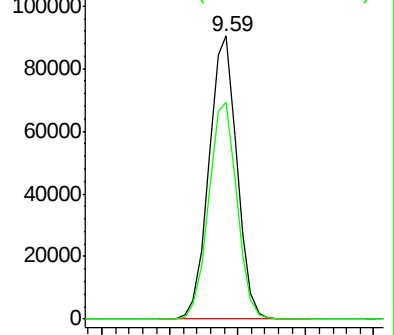
apatel

5/1/2018 7:45:04 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.47 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001252.D

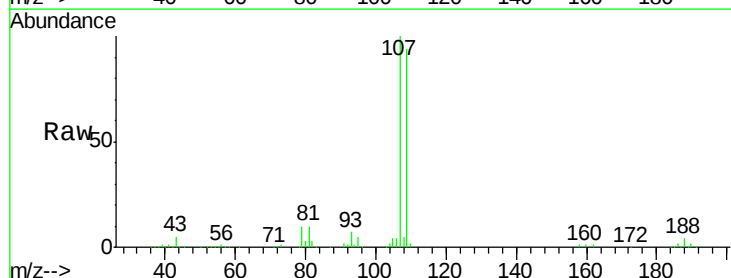
Acq: 29 Apr 2018 08:34

Tgt Ion:107 Resp: 125956

Ion Ratio Lower Upper

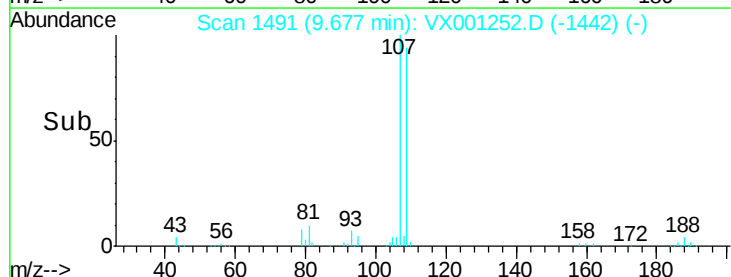
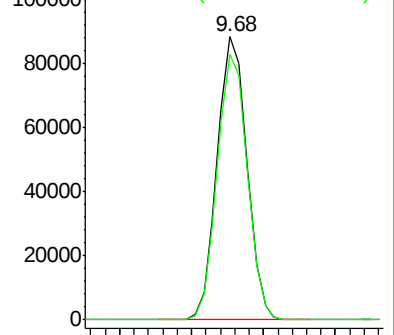
107 100

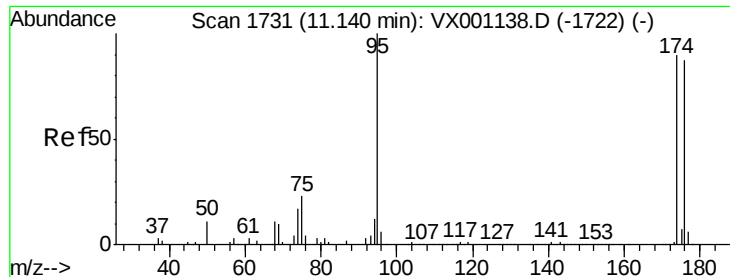
109 95.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

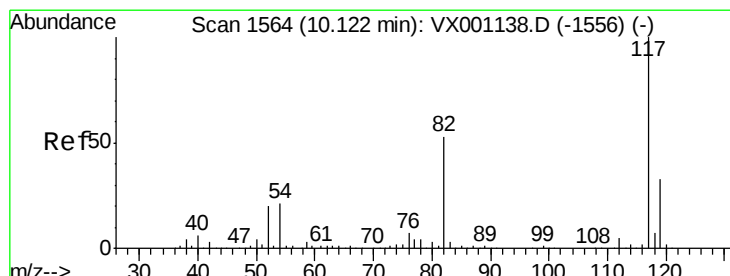
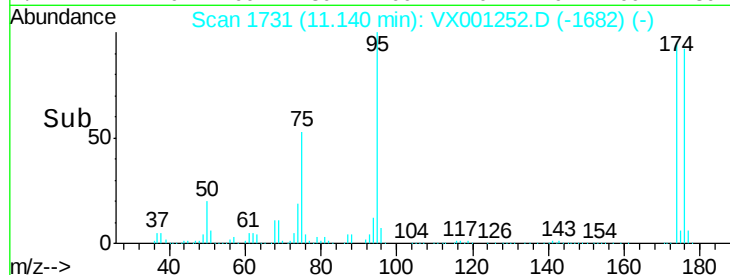
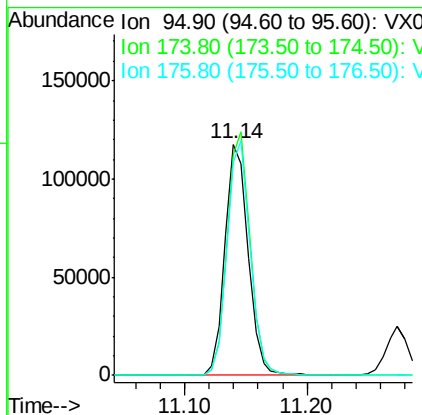
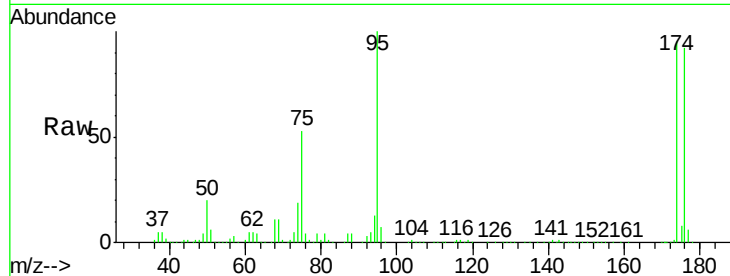
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	95	Resp:	154375
Ion Ratio	Lower	Upper	
95	100		
174	103.9	0.0	194.4
176	100.1	0.0	190.2

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

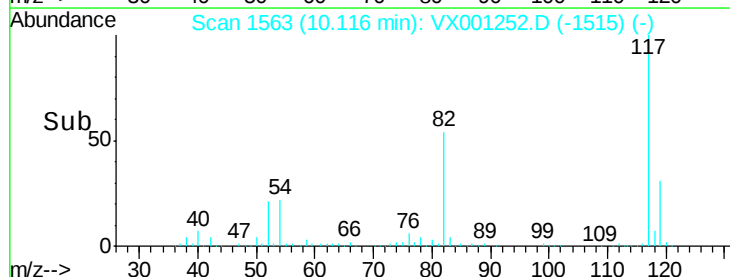
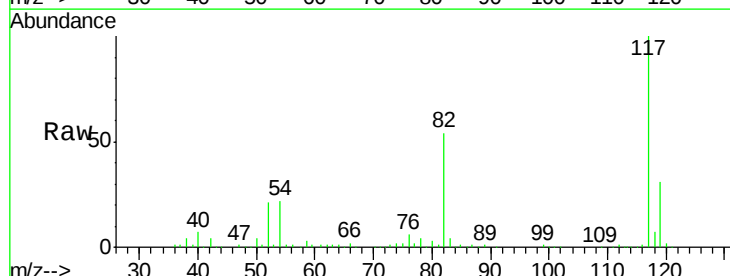
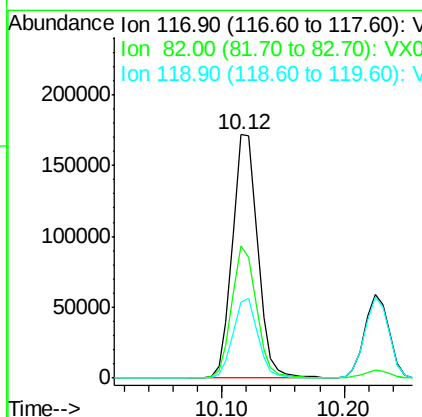
RT: 10.12 min Scan# 1563

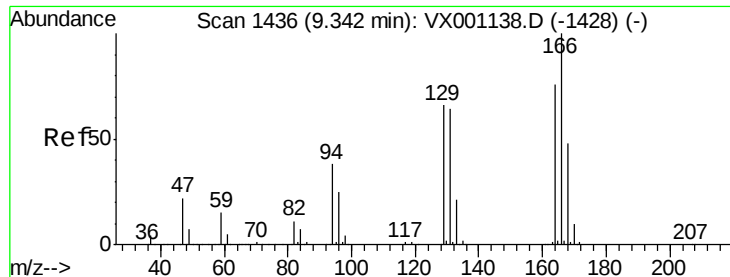
Delta R.T. -0.01 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	117	Resp:	245714
Ion Ratio	Lower	Upper	
117	100		
82	54.1	42.1	63.1
119	31.3	26.1	39.1





#64

Tetrachloroethene

Concen: 53.47 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:164 Resp: 140236

Ion Ratio Lower Upper

164 100

166 127.6 105.0 157.6

129 83.4 69.4 104.2

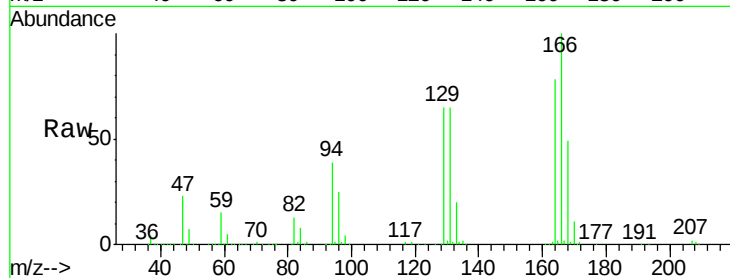
131 82.6 67.3 100.9

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM

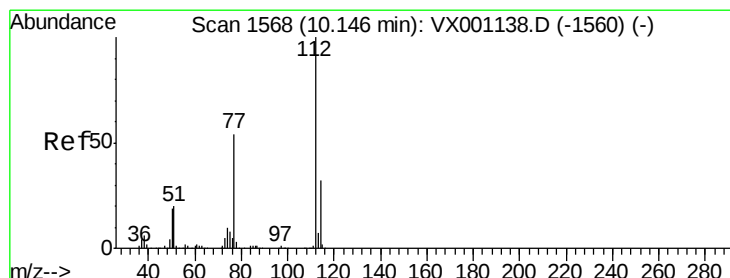
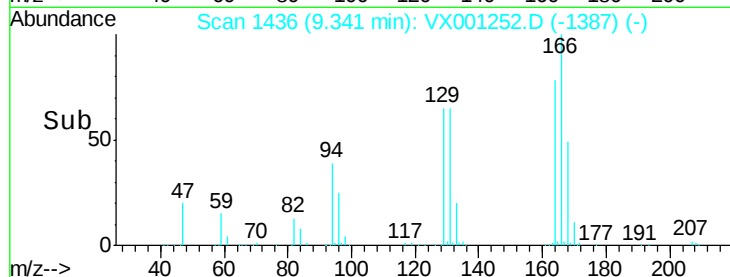
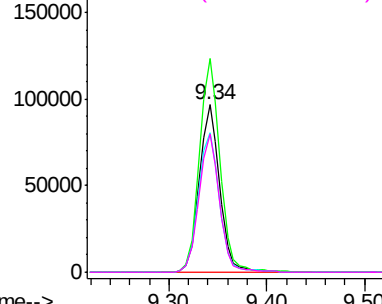


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.70 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001252.D

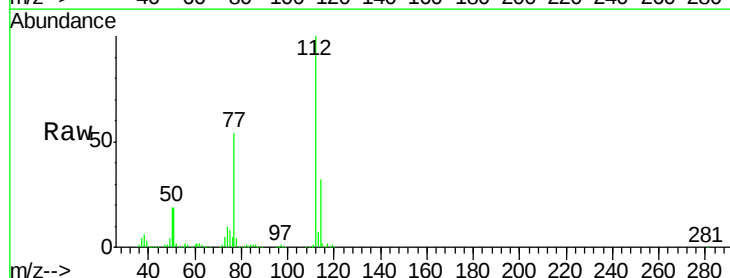
Acq: 29 Apr 2018 08:34

Tgt Ion:112 Resp: 339268

Ion Ratio Lower Upper

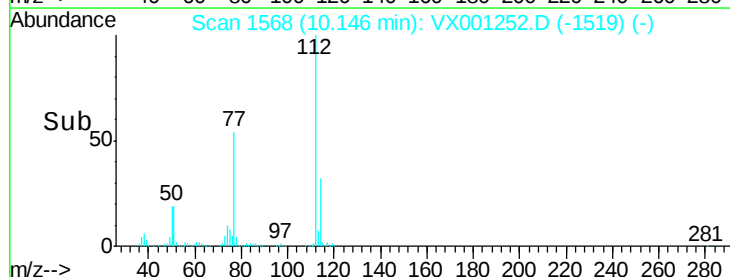
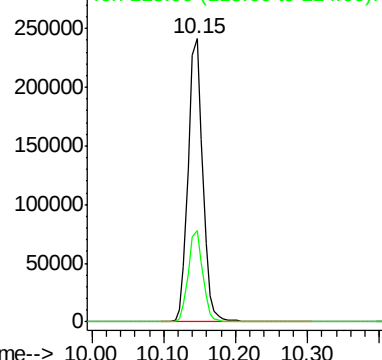
112 100

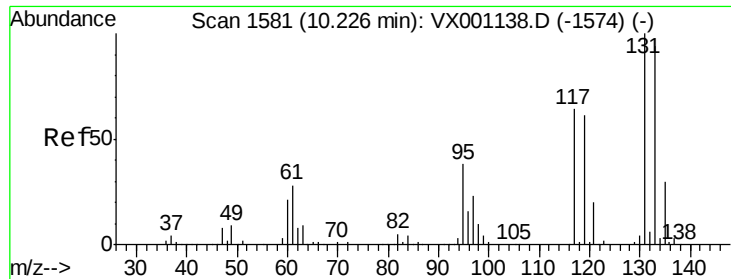
114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 56.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

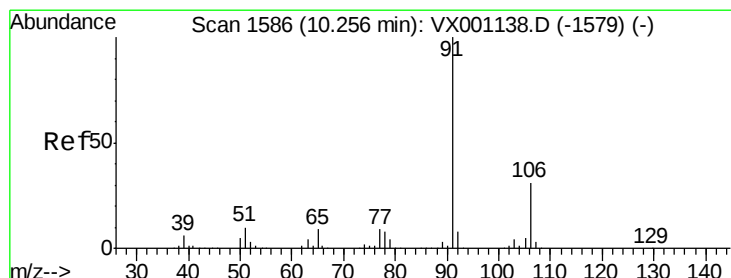
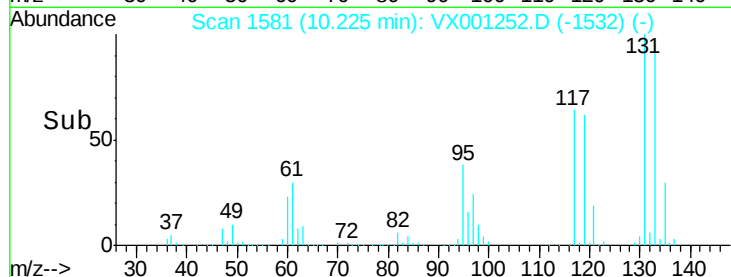
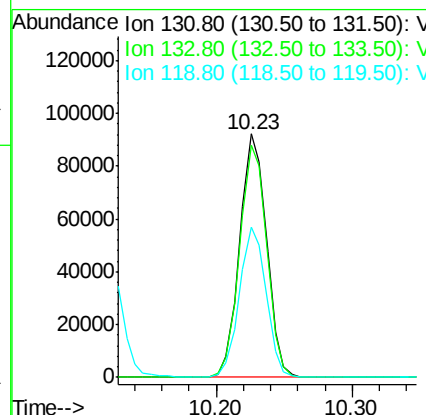
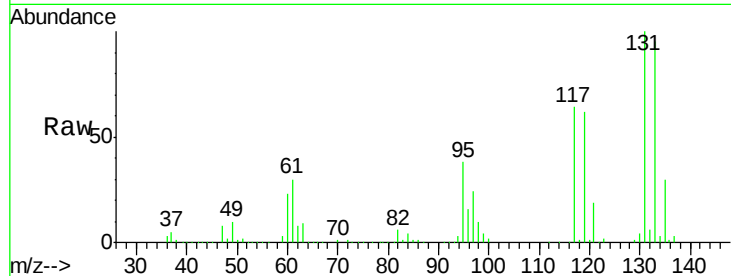
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.8	143.4
119	61.7	31.3	93.8

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#67

Ethyl Benzene

Concen: 53.65 ug/l

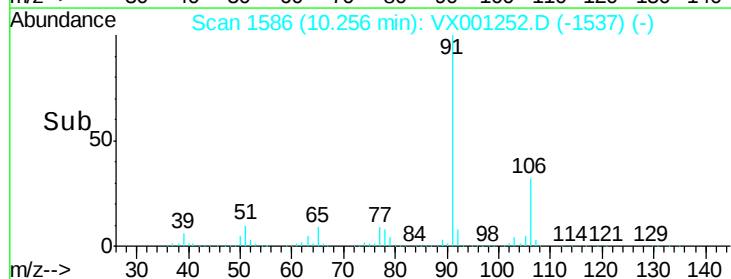
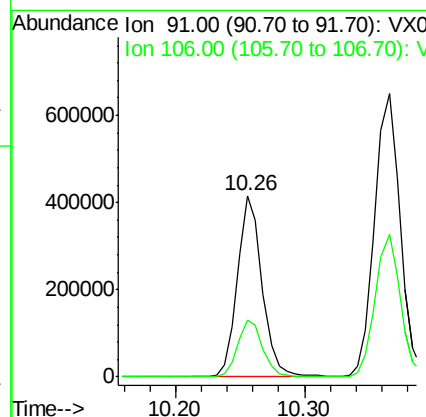
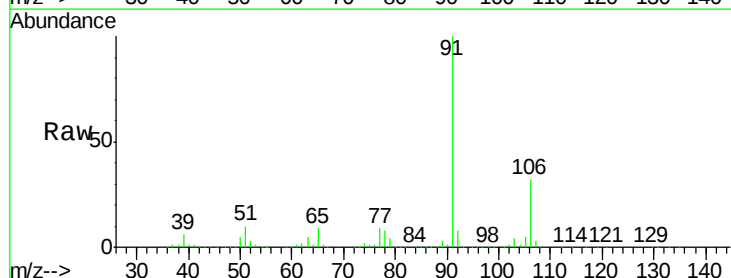
RT: 10.26 min Scan# 1586

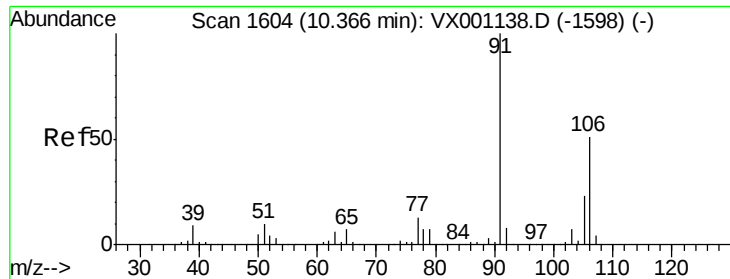
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.8	37.2





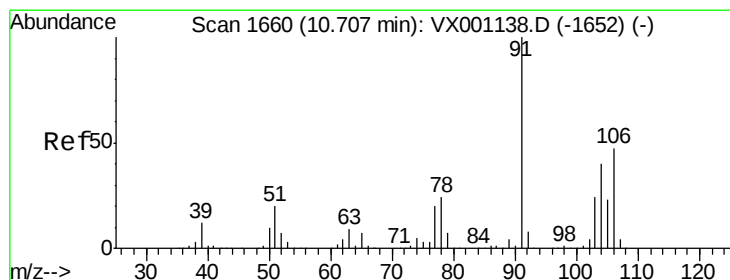
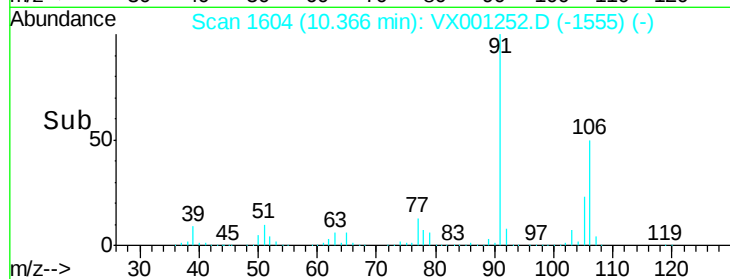
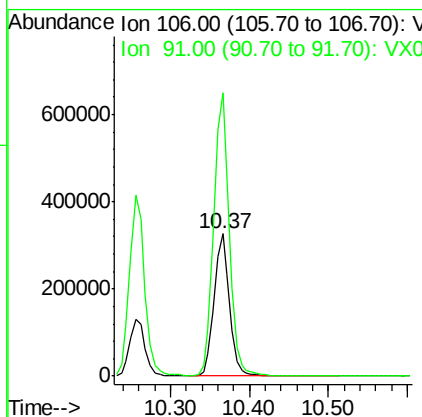
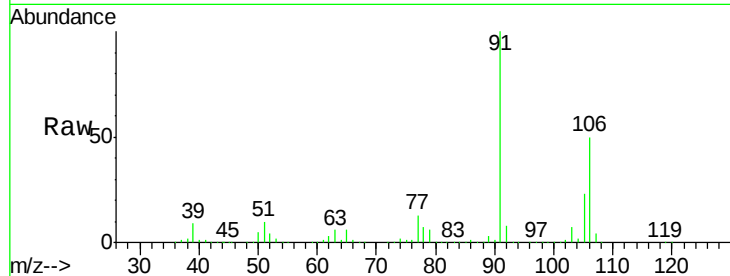
#68
m/p-Xvlenes
Concen: 107.94 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion:106 Resp: 446363
Ion Ratio Lower Upper
106 100
91 201.1 160.9 241.3

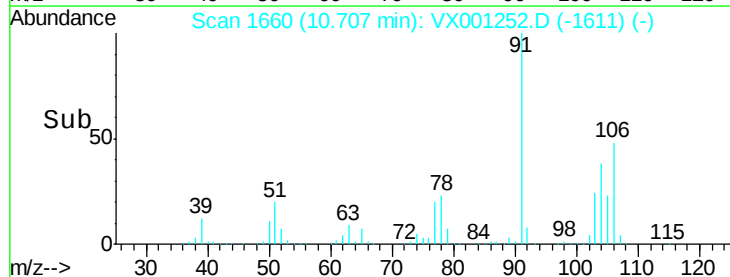
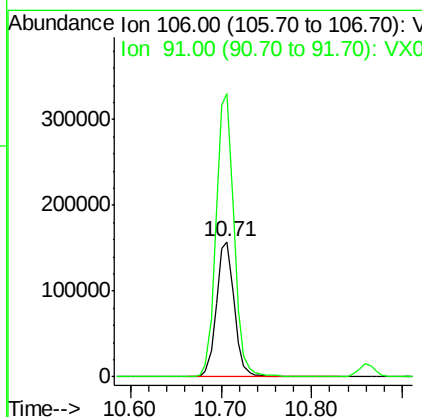
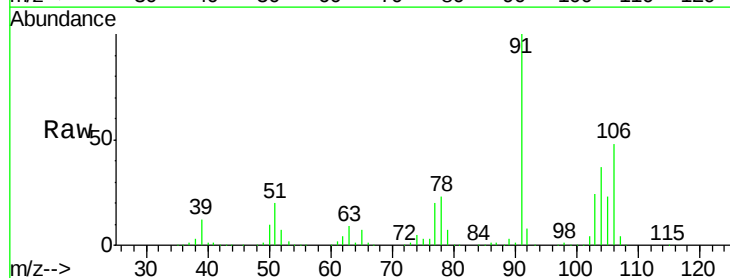
Manual Integrations
APPROVED

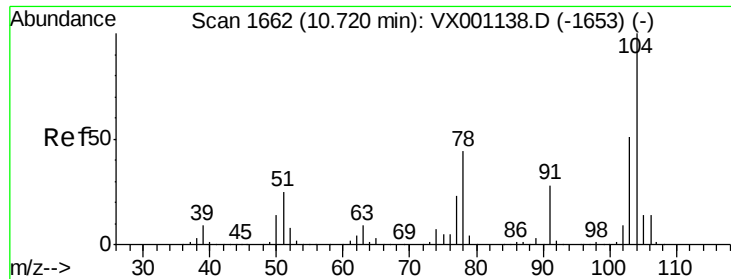
apatel
5/1/2018 7:45:04 PM



#69
o-Xylene
Concen: 54.25 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion:106 Resp: 217586
Ion Ratio Lower Upper
106 100
91 211.1 106.2 318.5





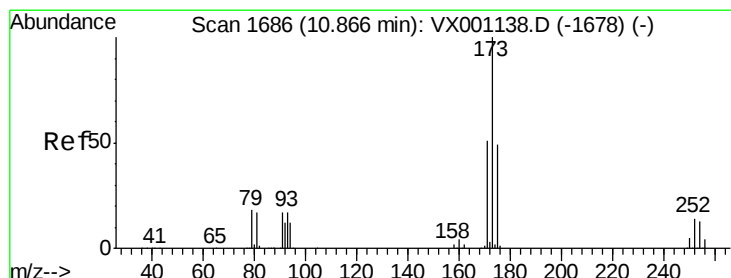
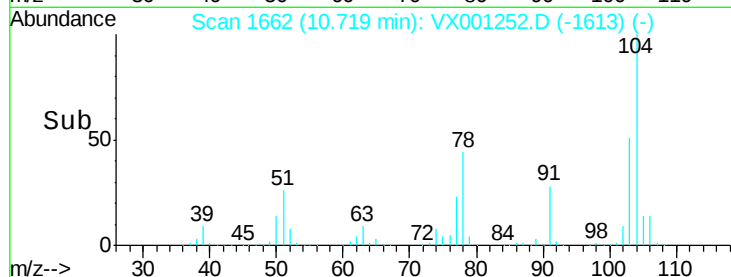
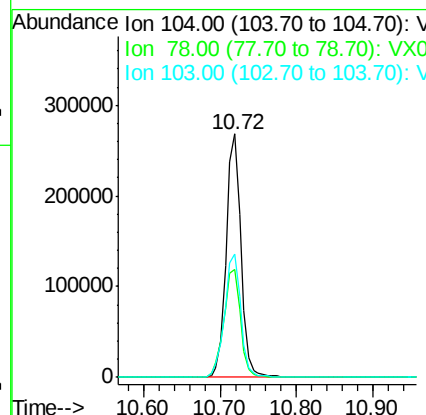
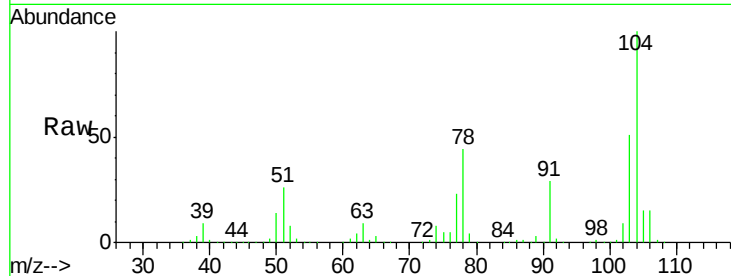
#70
Stvrene
Concen: 53.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.3	60.5
103	55.6	44.3	66.5

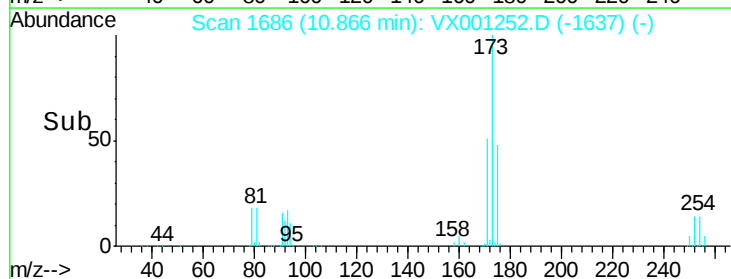
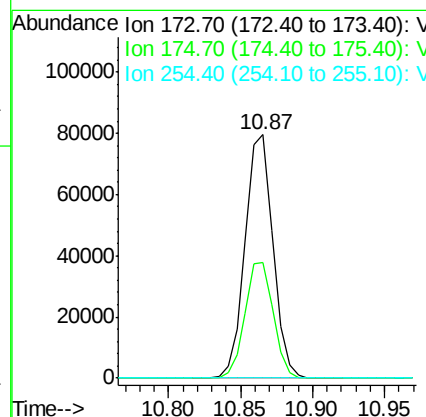
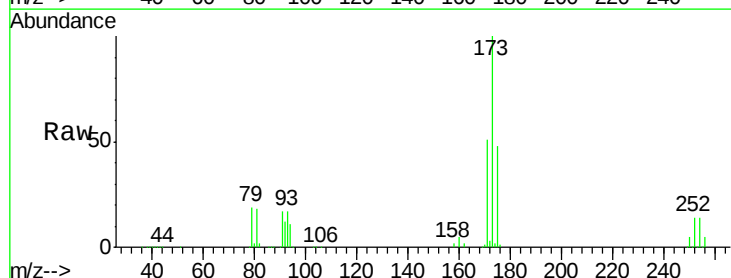
Manual Integrations
APPROVED

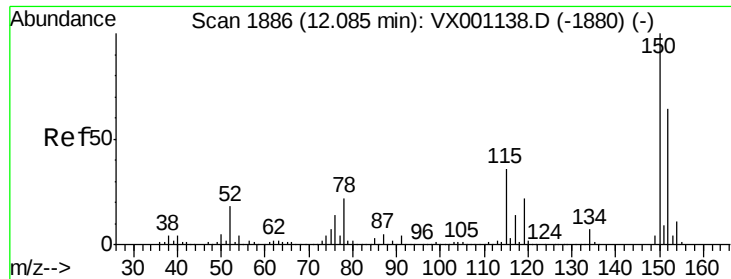
apatel
5/1/2018 7:45:04 PM



#71
Bromoform
Concen: 46.06 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

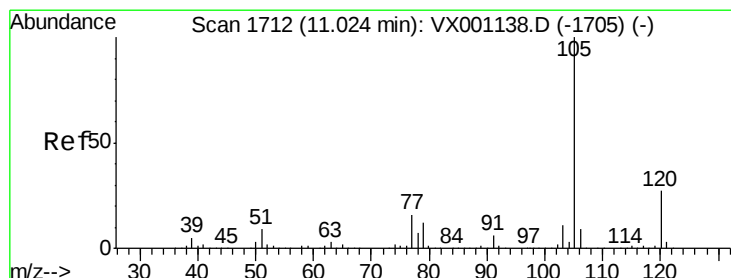
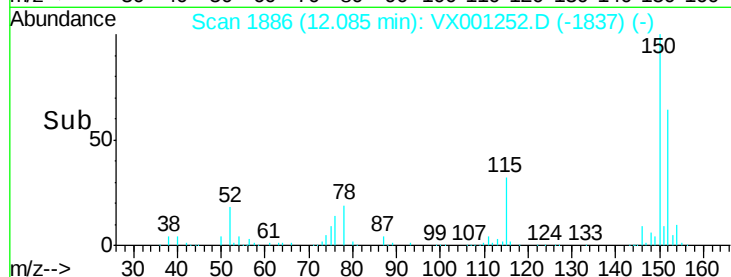
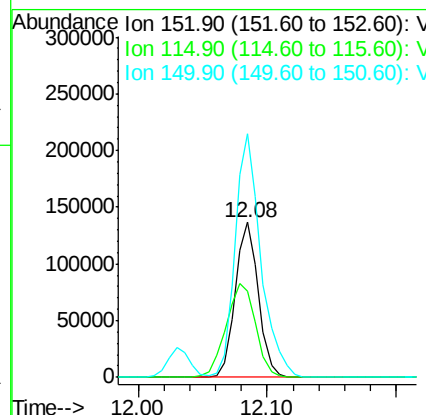
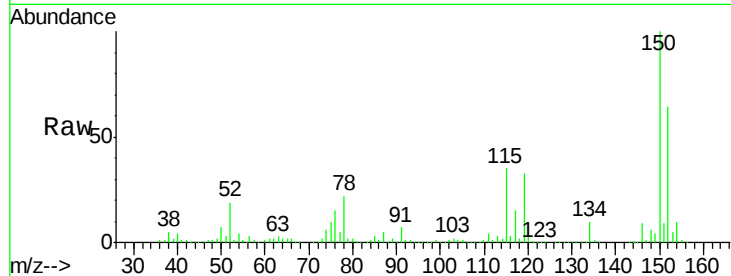
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	152	Resp:	171587
Ion	Ratio	Lower	Upper
152	100		
115	77.2	38.0	114.0
150	175.0	0.0	349.6

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#73

Isopropylbenzene

Concen: 51.91 ug/l

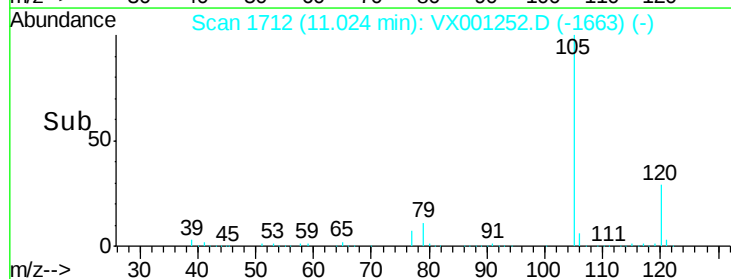
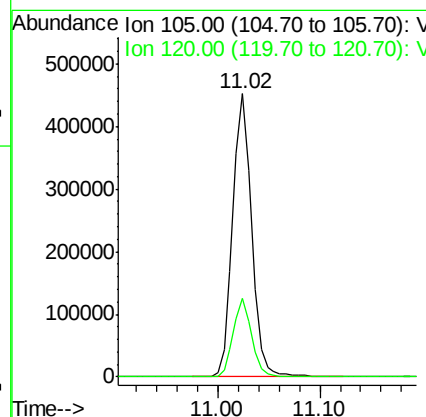
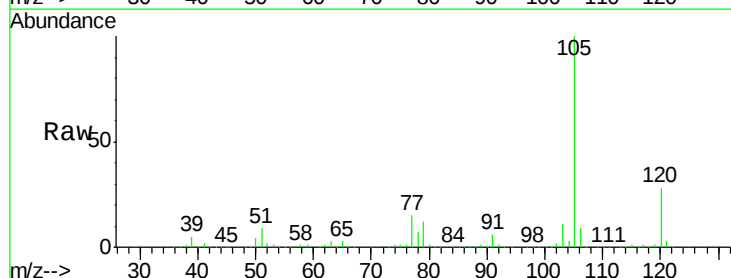
RT: 11.02 min Scan# 1712

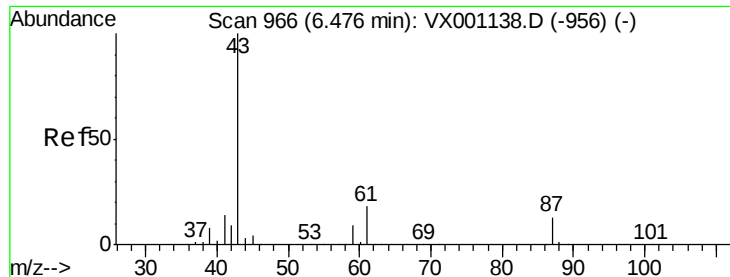
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	105	Resp:	580579
Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8





#74

N-amvl acetate

Concen: 40.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

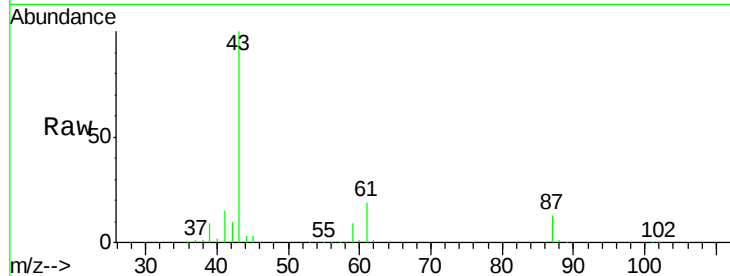
ClientSampleId :

BP-HN-MW24S-20180424MSD

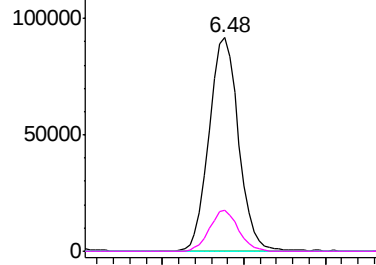
Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		229529		
70	0.0	0.0	0.0		
55	0.1	0.0	0.0		
61	18.8	15.0	22.6		

Manual Integrations
APPROVED

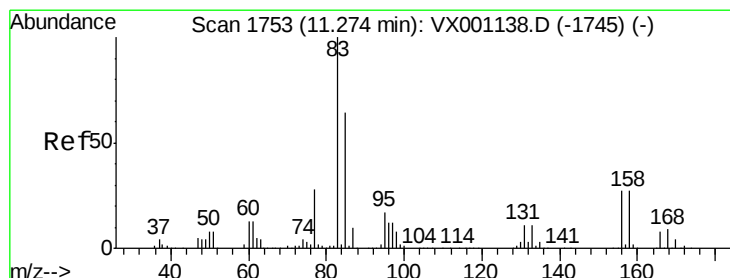
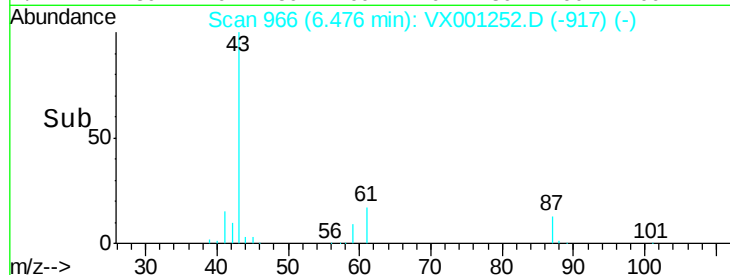
apatel
5/1/2018 7:45:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 48.41 ug/l

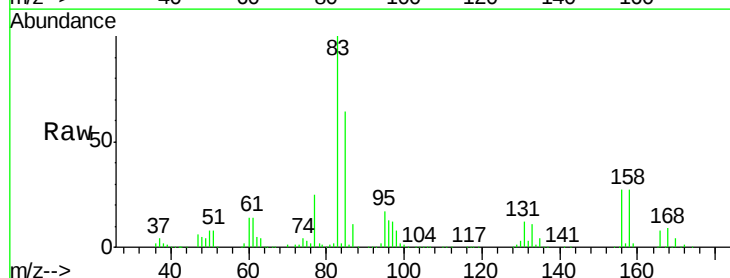
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

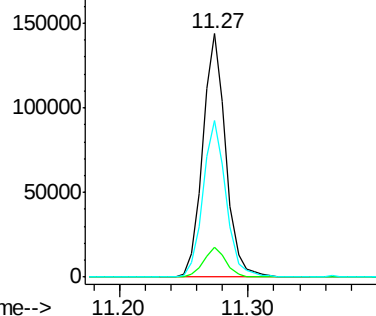
Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

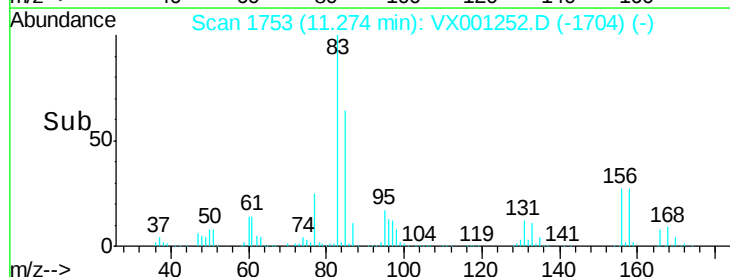
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		179625		
131	11.9	5.8	17.4		
85	64.5	32.1	96.3		

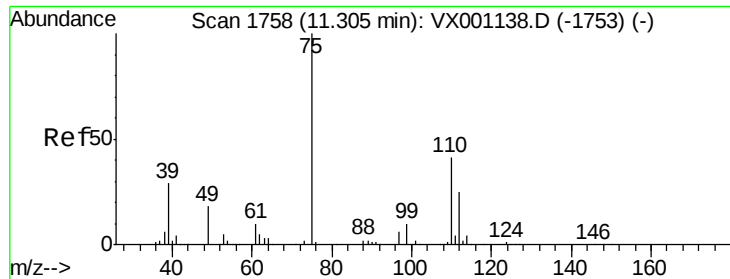


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



Time-->





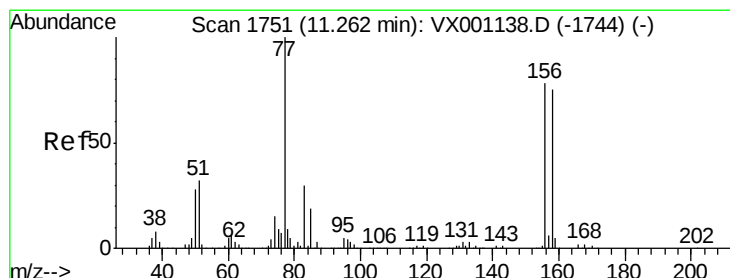
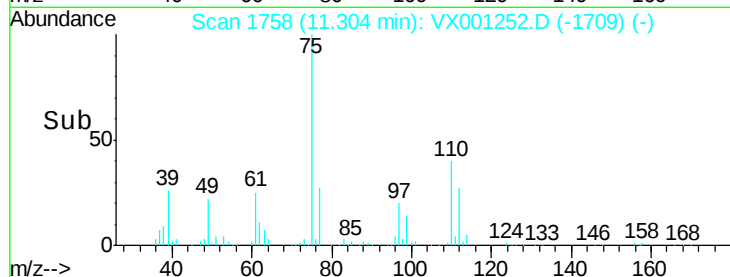
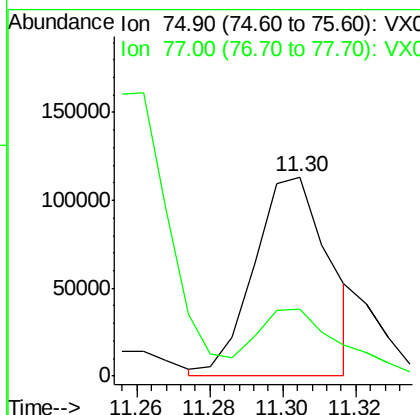
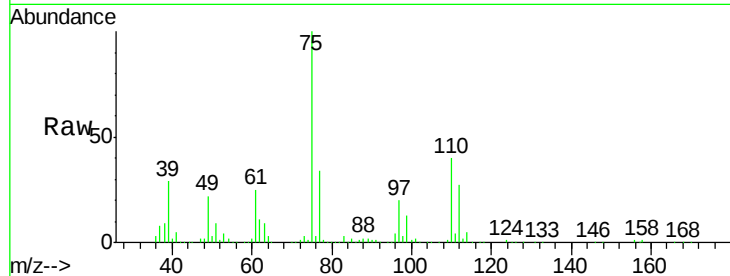
#76
1,2,3-Trichloropropane
Concen: 46.29 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion: 75 Resp: 161725
Ion Ratio Lower Upper
75 100
77 37.2 18.9 56.9

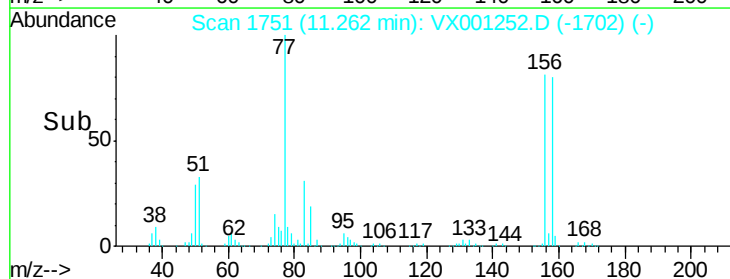
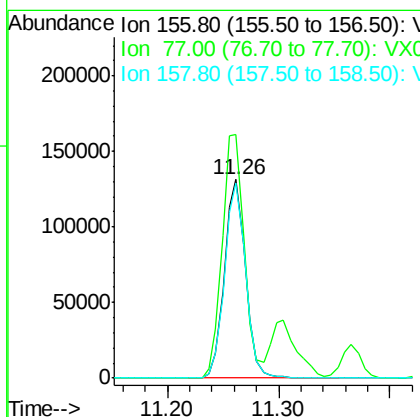
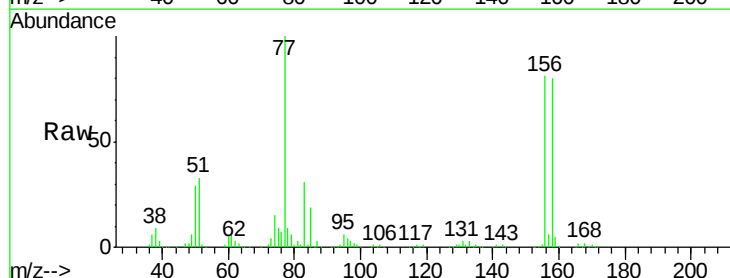
Manual Integrations
APPROVED

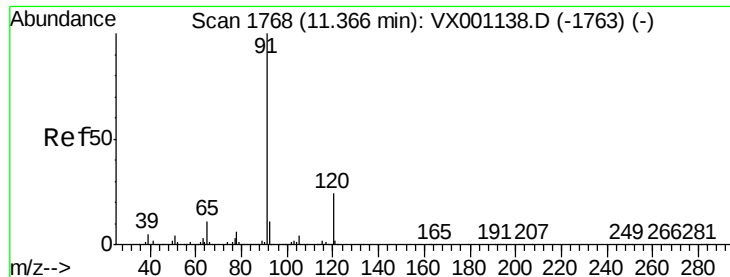
apatel
5/1/2018 7:45:04 PM



#77
Bromobenzene
Concen: 51.82 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 156 Resp: 171870
Ion Ratio Lower Upper
156 100
77 129.9 67.8 203.2
158 97.9 48.9 146.7





#78

n-propylbenzene

Concen: 52.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion: 91 Resp: 650192

Ion Ratio Lower Upper

91 100

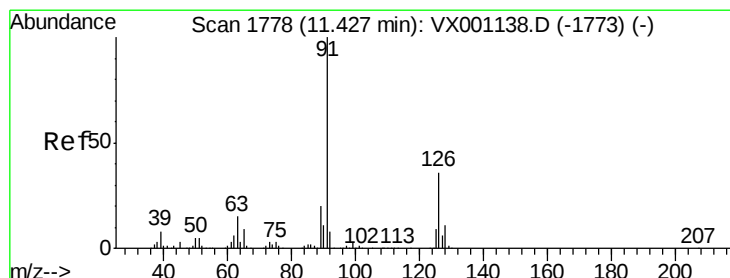
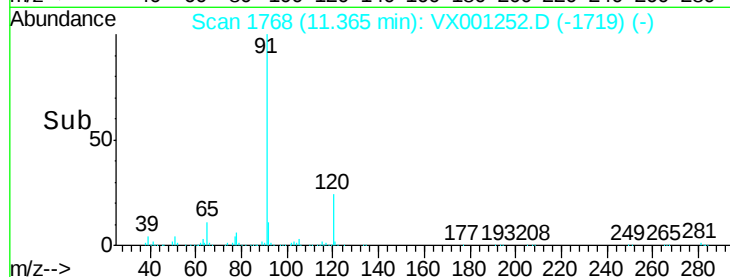
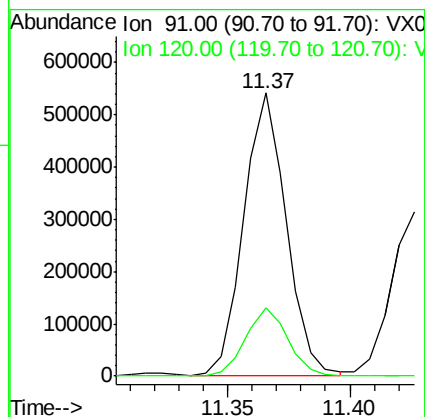
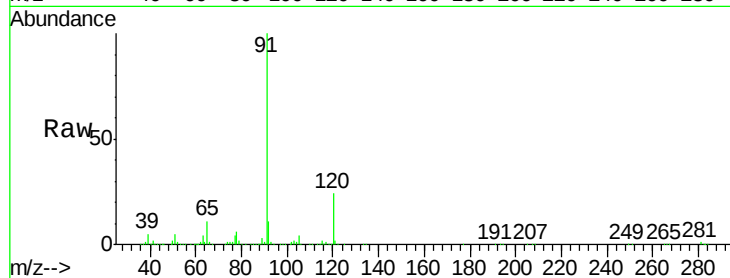
120 24.5 12.2 36.6

Manual Integrations

APPROVED

apatel

5/1/2018 7:45:04 PM



#79

2-Chlorotoluene

Concen: 51.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001252.D

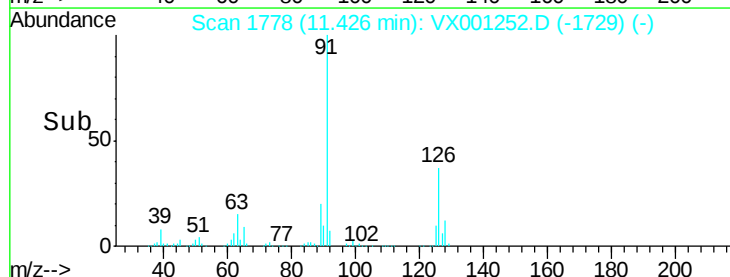
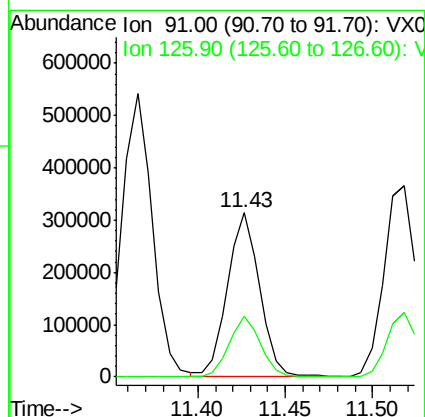
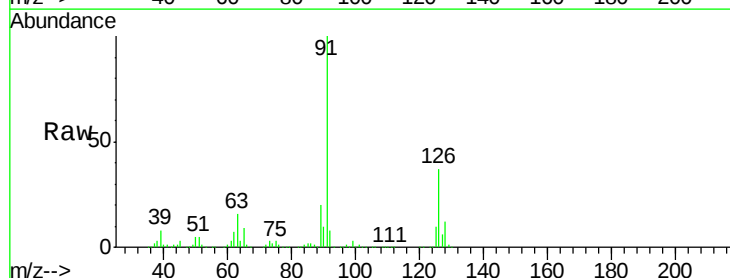
Acq: 29 Apr 2018 08:34

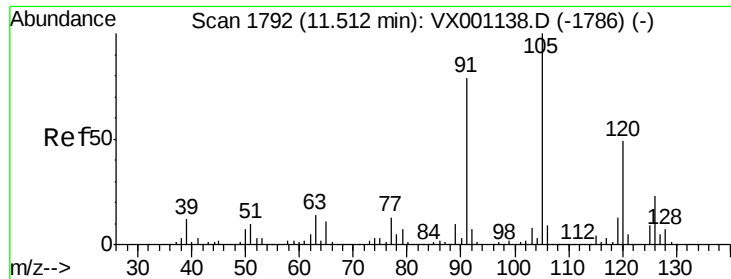
Tgt Ion: 91 Resp: 397469

Ion Ratio Lower Upper

91 100

126 36.6 18.2 54.6





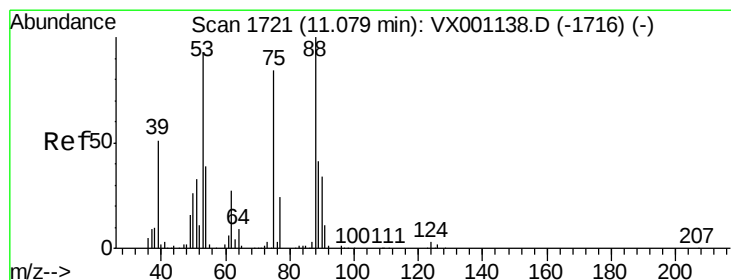
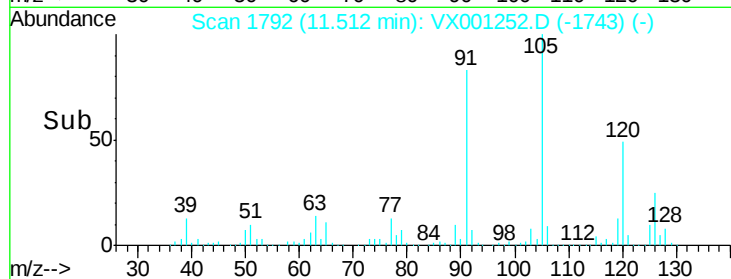
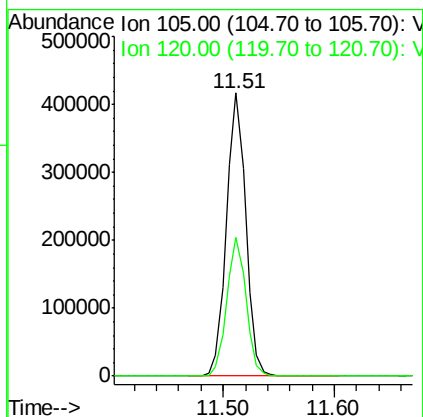
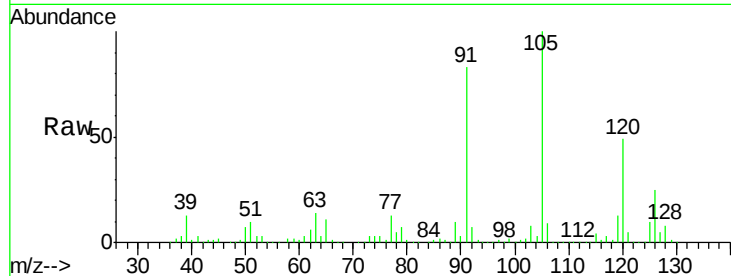
#80
 1,3,5-Trimethylbenzene
 Concen: 52.80 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion:105 Resp: 499954
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0

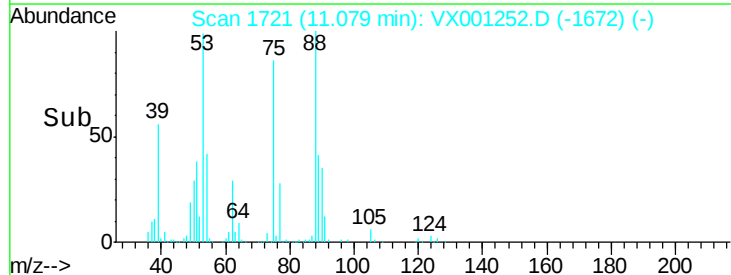
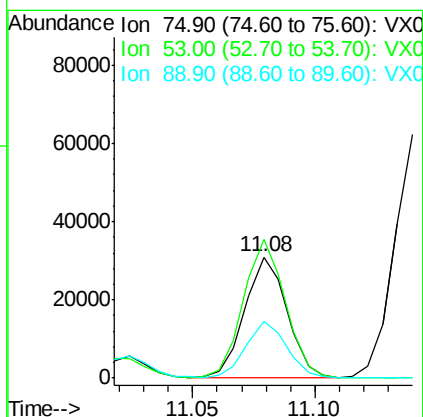
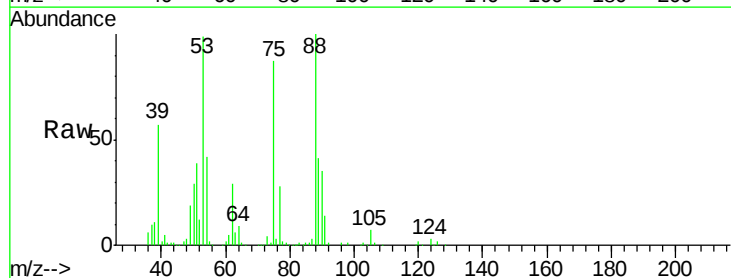
Manual Integrations
 APPROVED

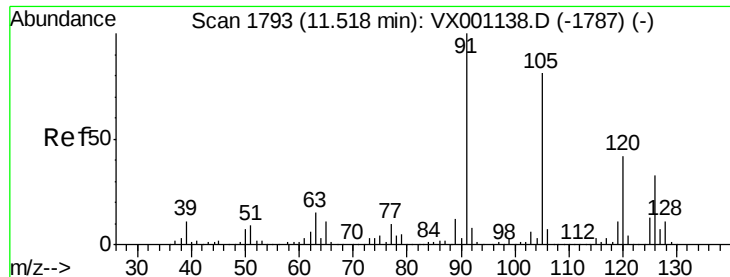
apatel
 5/1/2018 7:45:04 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.36 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion: 75 Resp: 37009
 Ion Ratio Lower Upper
 75 100
 53 114.6 87.9 131.9
 89 46.5 37.7 56.5





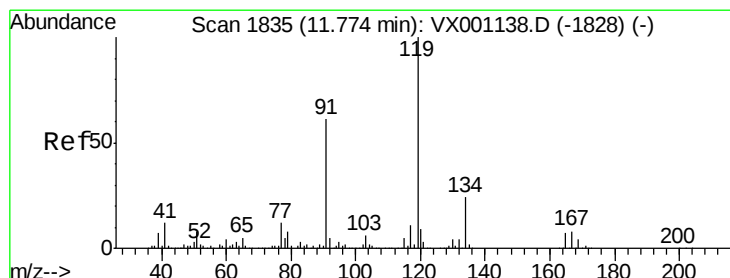
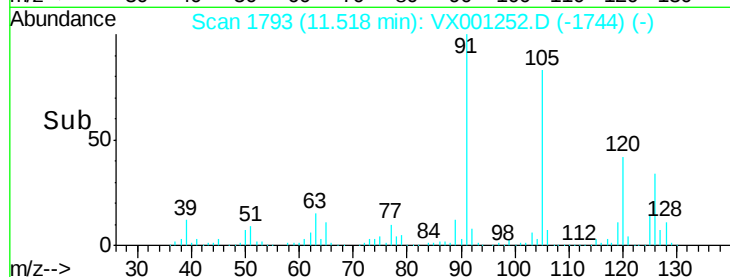
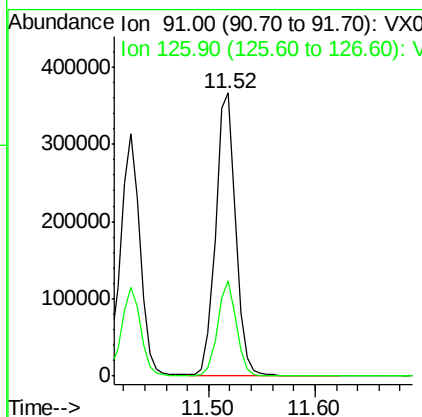
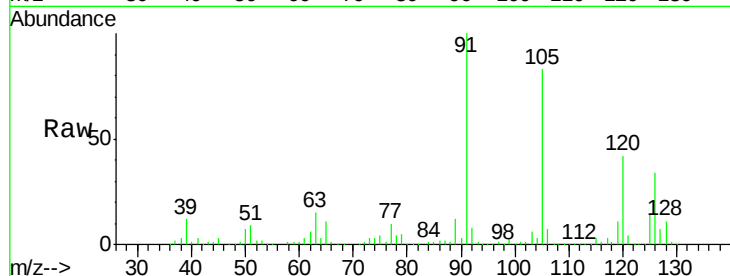
#82
4-Chlorotoluene
Concen: 51.73 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion: 91 Resp: 475350
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.4

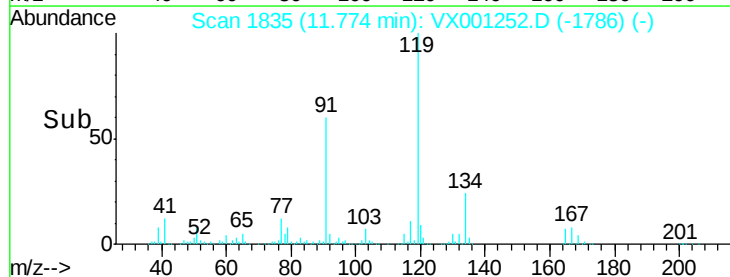
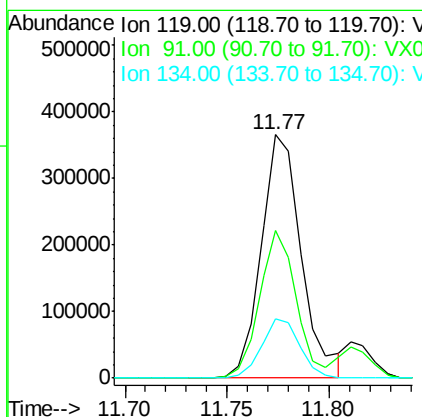
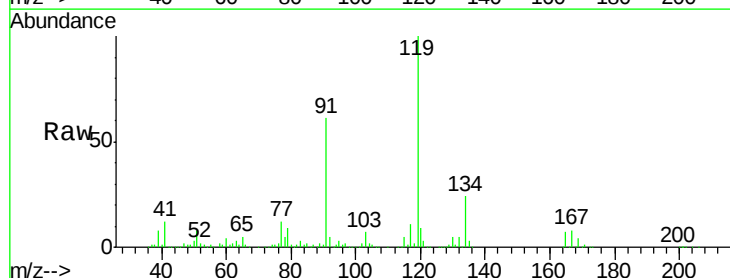
Manual Integrations
APPROVED

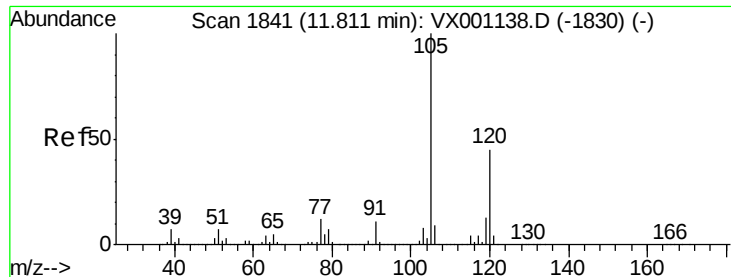
apatel
5/1/2018 7:45:04 PM



#83
tert-Butylbenzene
Concen: 52.95 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion: 119 Resp: 500312
Ion Ratio Lower Upper
119 100
91 55.4 27.6 82.8
134 23.4 11.5 34.5





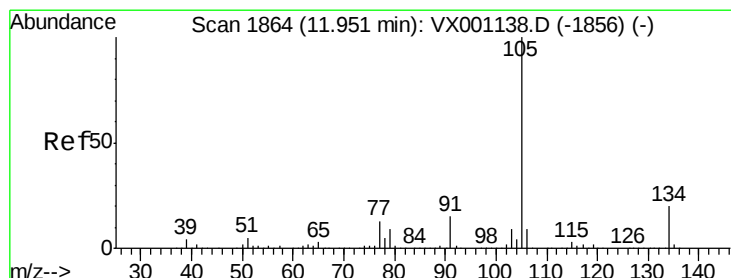
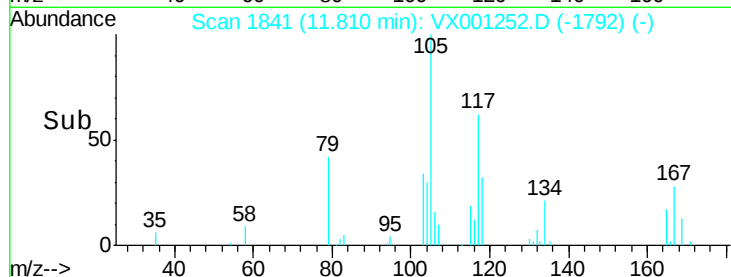
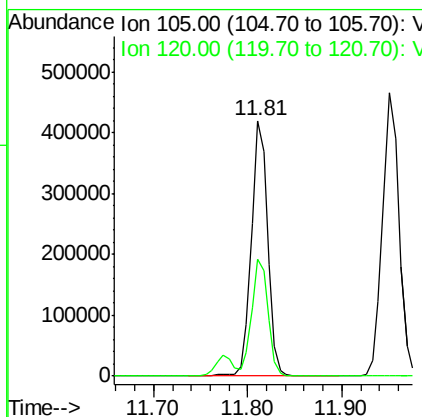
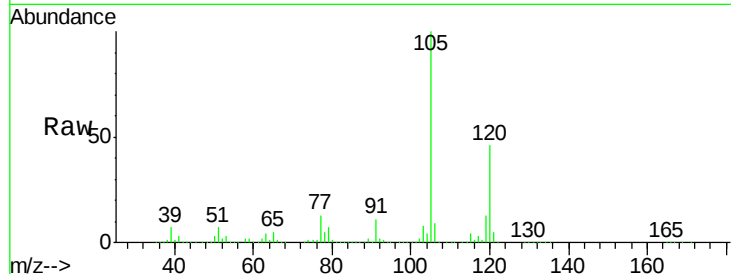
#84
1,2,4-Trimethylbenzene
Concen: 52.67 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion:105 Resp: 512598
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3

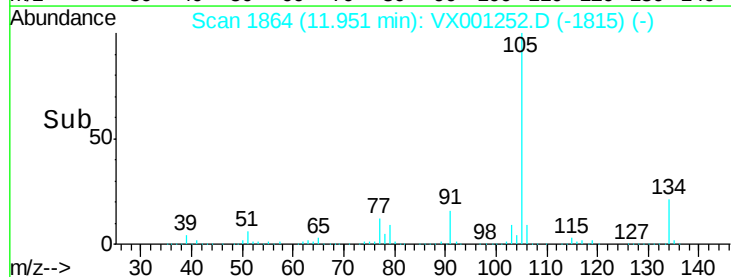
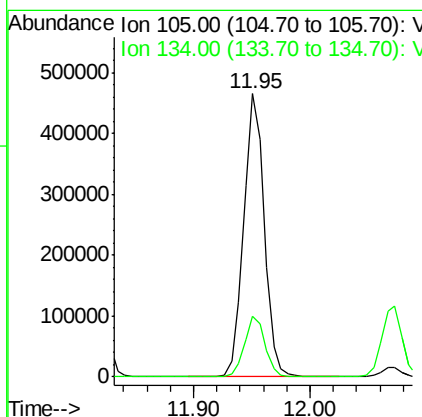
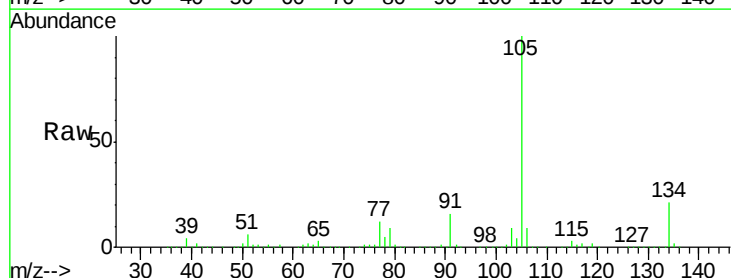
Manual Integrations
APPROVED

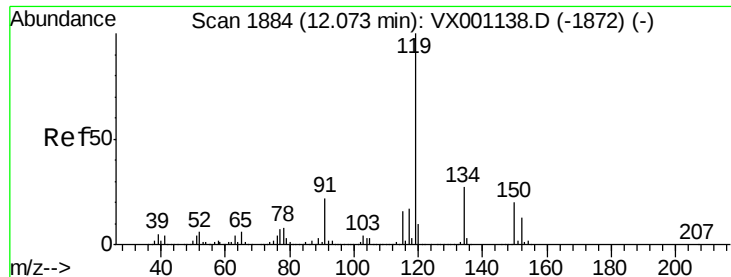
apatel
5/1/2018 7:45:04 PM



#85
sec-Butylbenzene
Concen: 52.22 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion:105 Resp: 576459
Ion Ratio Lower Upper
105 100
134 21.4 10.5 31.5





#86

p-Isopropyltoluene

Concen: 51.43 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

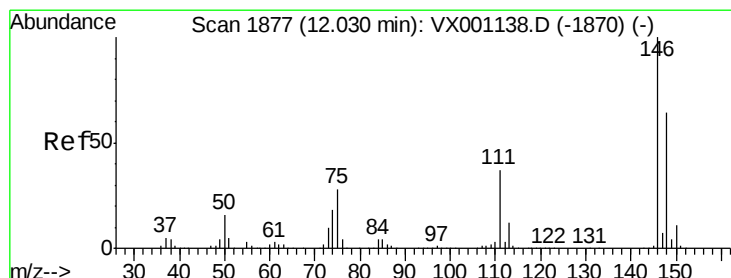
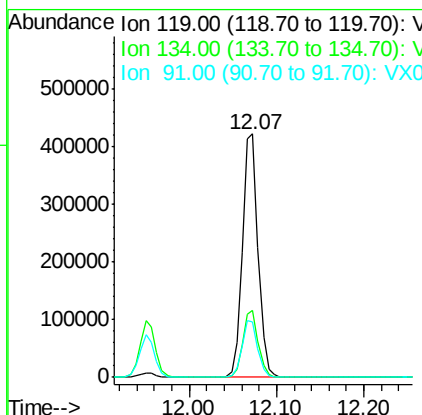
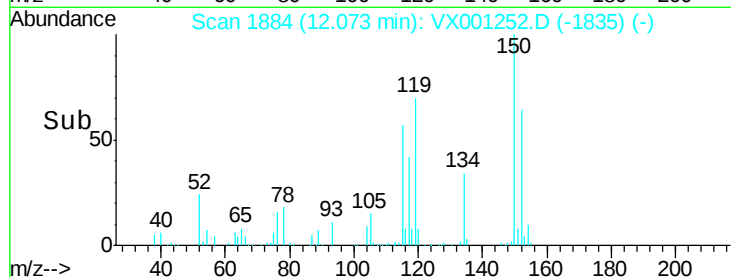
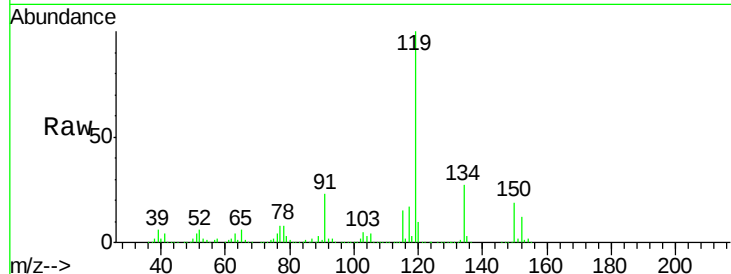
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	119	Resp:	528142
Ion Ratio	Lower	Upper	
119	100		
134	27.0	13.4	40.1
91	23.2	11.6	34.8

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#87

1,3-Dichlorobenzene

Concen: 51.72 ug/l

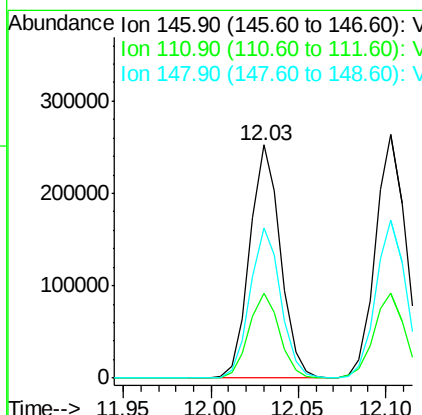
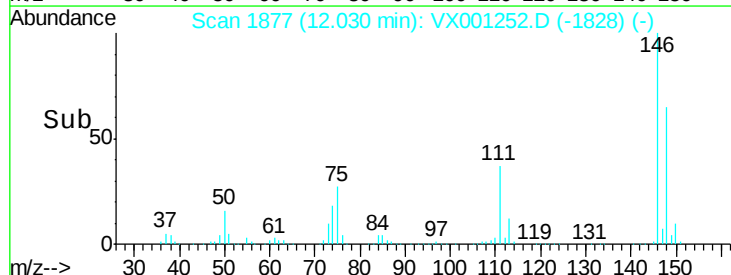
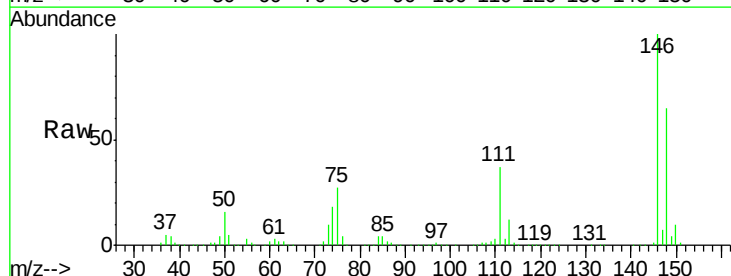
RT: 12.03 min Scan# 1877

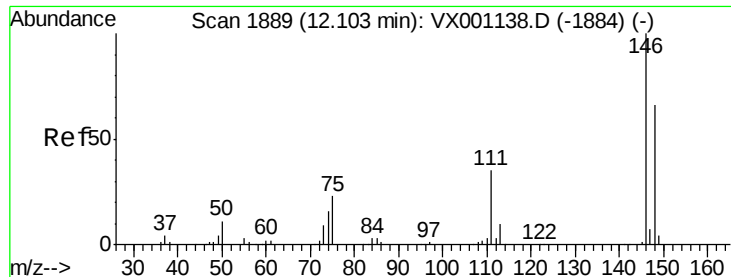
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	146	Resp:	307957
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.6	56.0
148	64.6	32.3	96.8





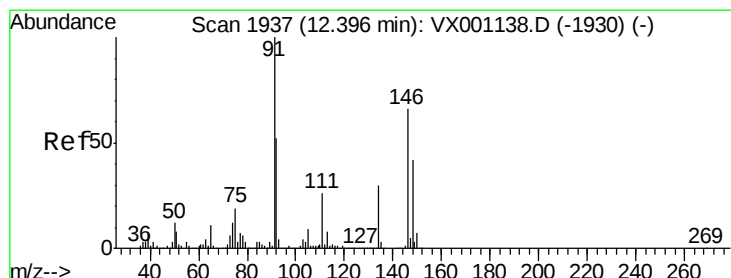
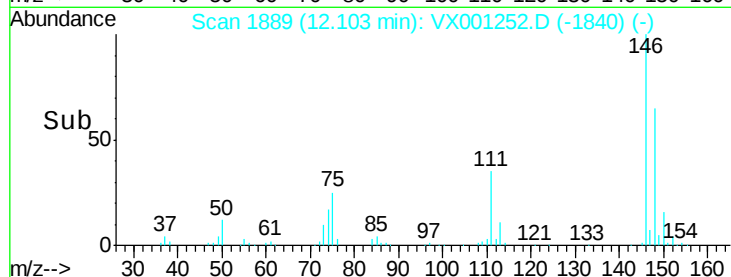
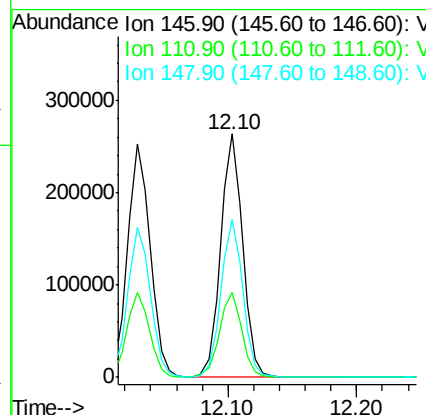
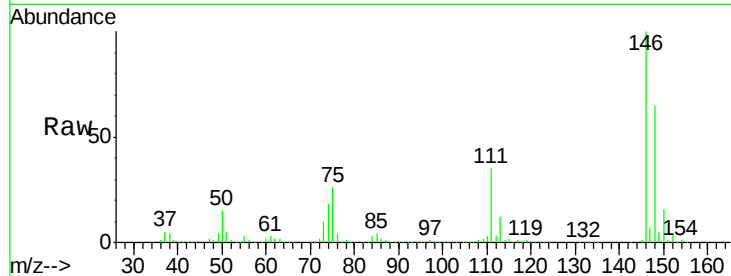
#88
 1,4-Dichlorobenzene
 Concen: 51.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.0	54.0
148	64.7	32.5	97.5

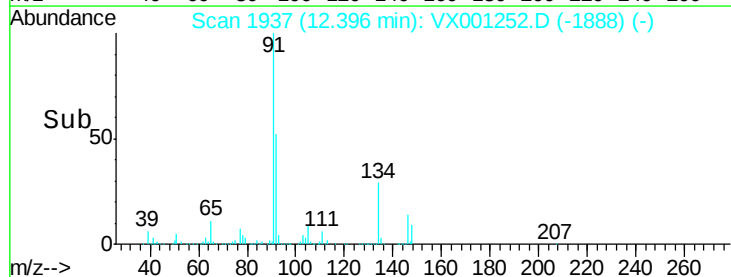
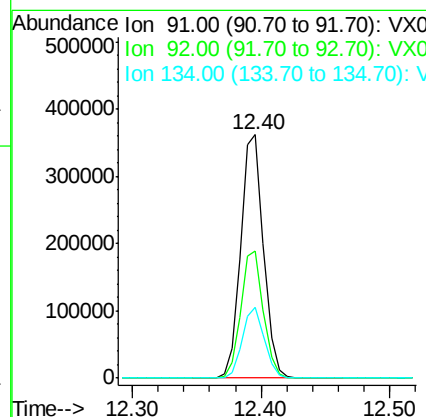
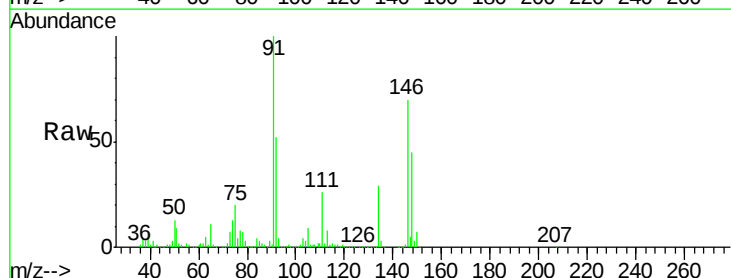
Manual Integrations
 APPROVED

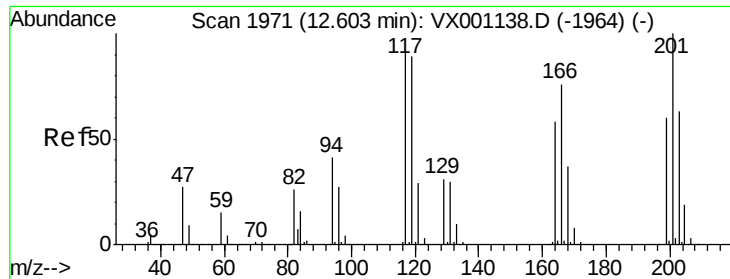
apatel
 5/1/2018 7:45:04 PM



#89
 n-Butylbenzene
 Concen: 49.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.6
134	28.1	14.1	42.3





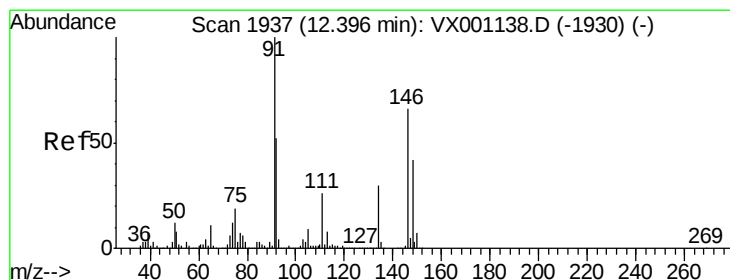
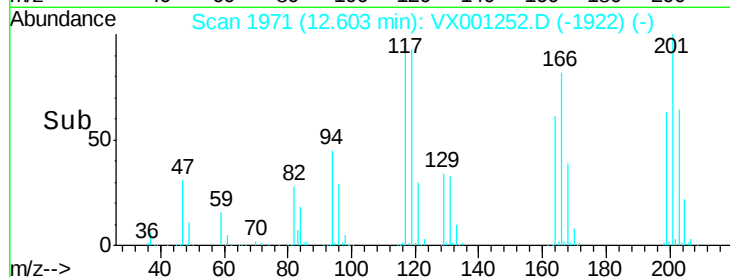
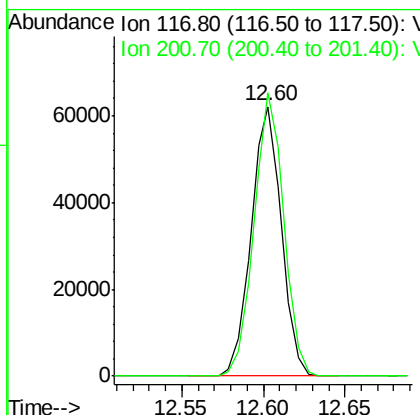
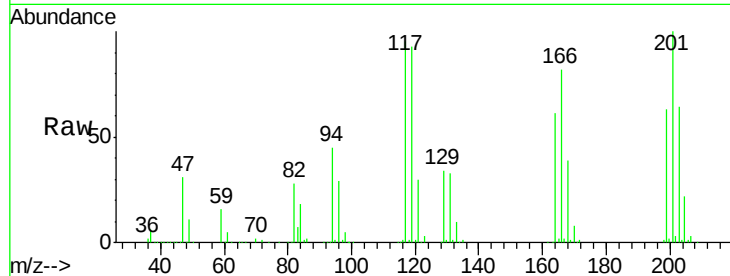
#90
Hexachloroethane
Concen: 48.36 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

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

Tot Ion:117 Resp: 79933
Ion Ratio Lower Upper
117 100
201 103.5 51.8 155.4

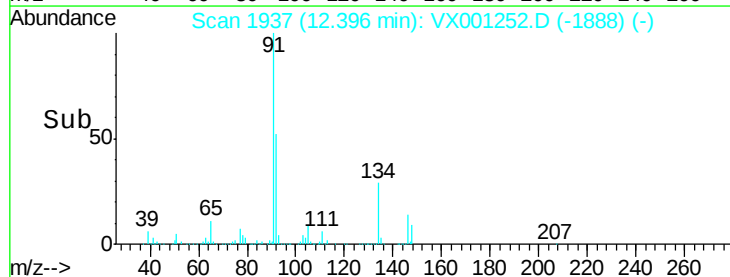
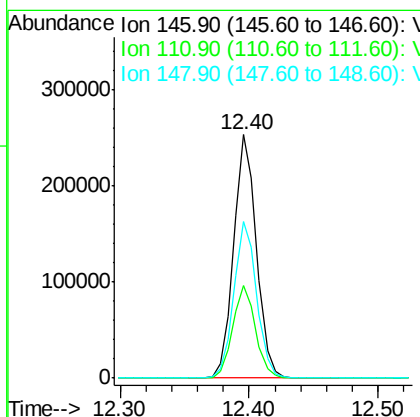
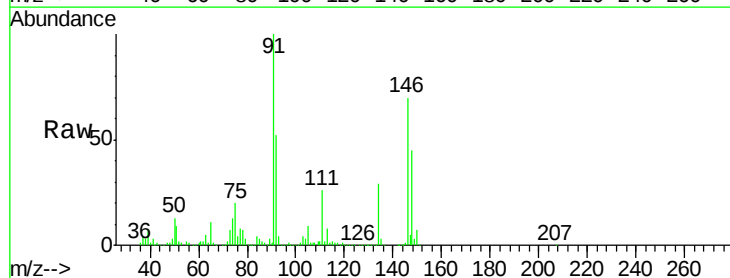
Manual Integrations
APPROVED

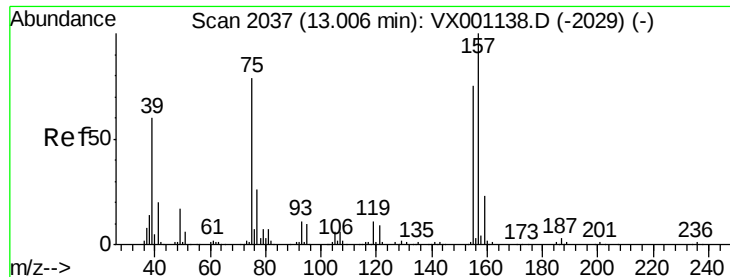
apatel
5/1/2018 7:45:04 PM



#91
1,2-Dichlorobenzene
Concen: 51.90 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001252.D
Acq: 29 Apr 2018 08:34

Tgt Ion:146 Resp: 312333
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.3
148 64.4 32.2 96.6





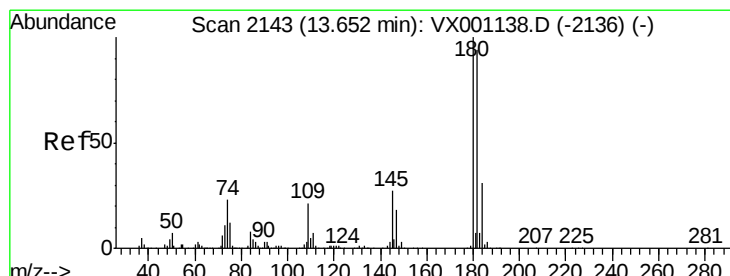
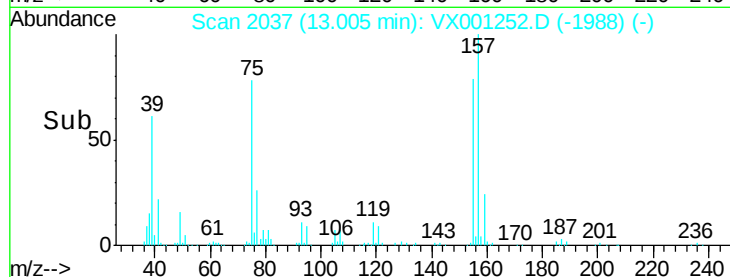
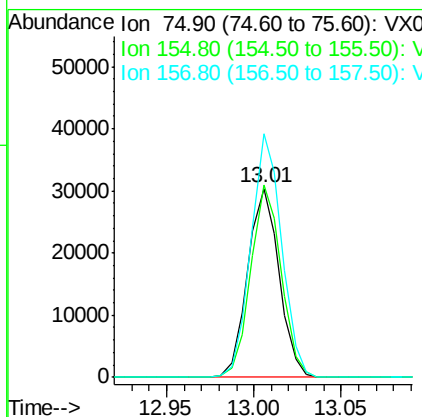
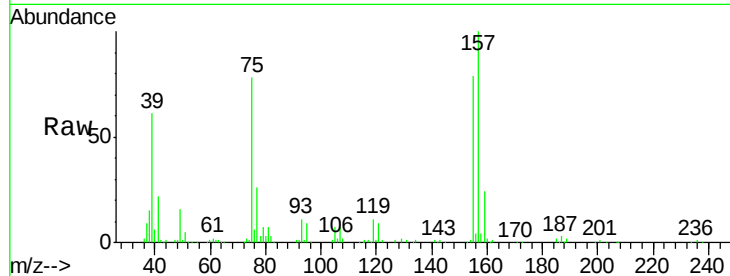
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.31 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.4	145.3
157	126.3	62.7	188.1

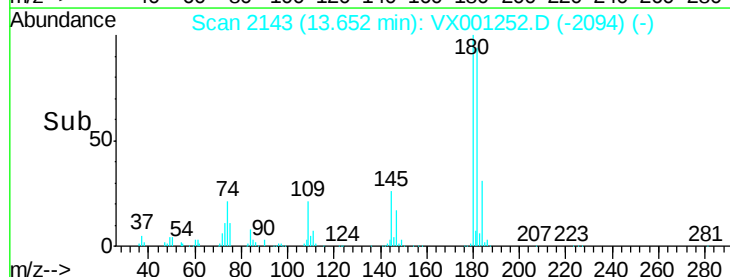
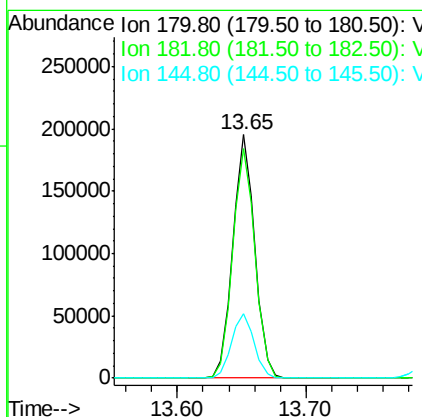
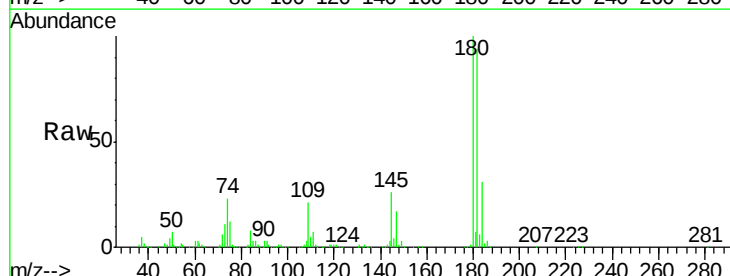
Manual Integrations
 APPROVED

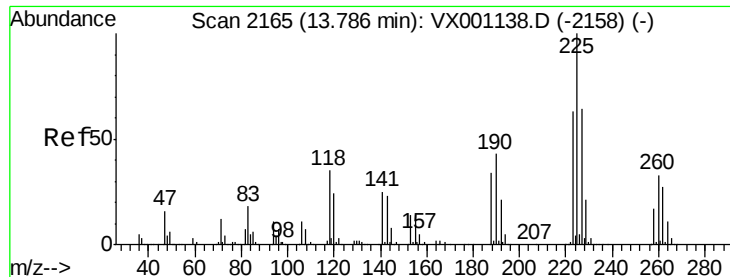
apatel
 5/1/2018 7:45:04 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.18 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	27.1	13.8	41.4





#94

Hexachlorobutadiene

Concen: 46.36 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Instrument :

MSVOA_X

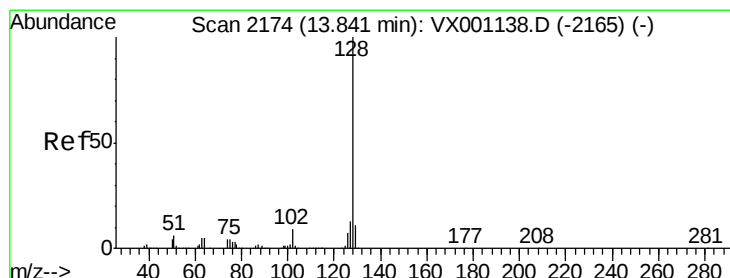
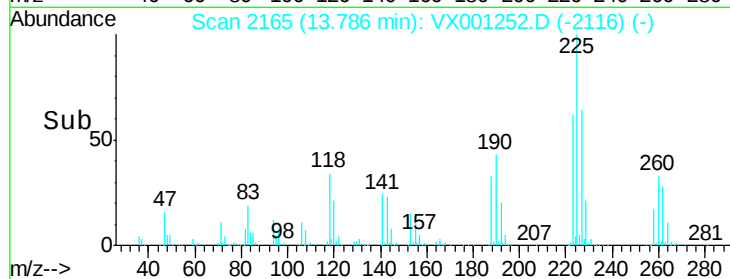
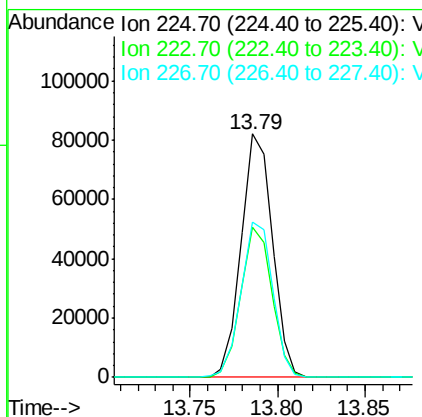
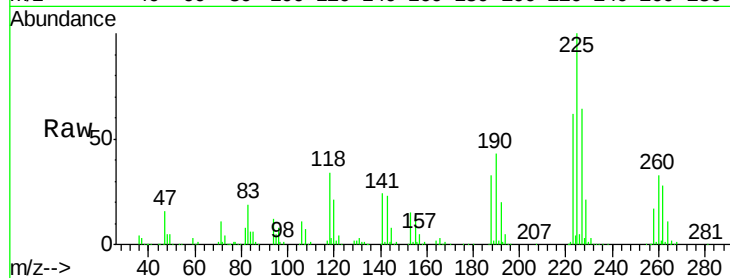
ClientSampleId :

BP-HN-MW24S-20180424MSD

Tot Ion:	225	Resp:	102795
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.3	93.9
227	64.7	32.2	96.6

Manual Integrations
APPROVED

apatel
5/1/2018 7:45:04 PM



#95

Naphthalene

Concen: 49.59 ug/l

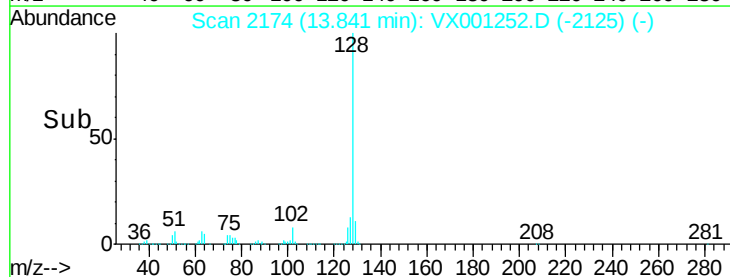
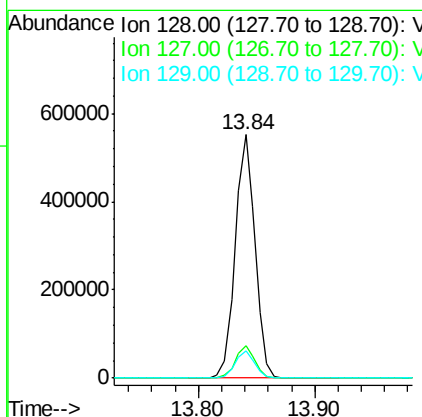
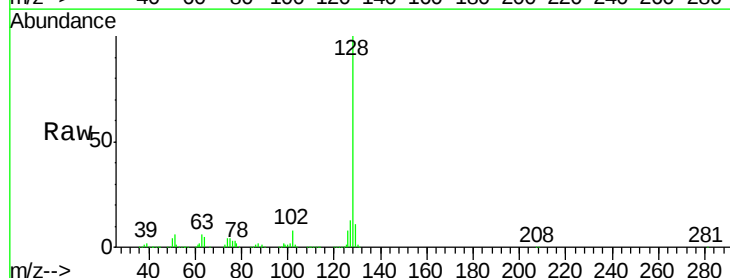
RT: 13.84 min Scan# 2174

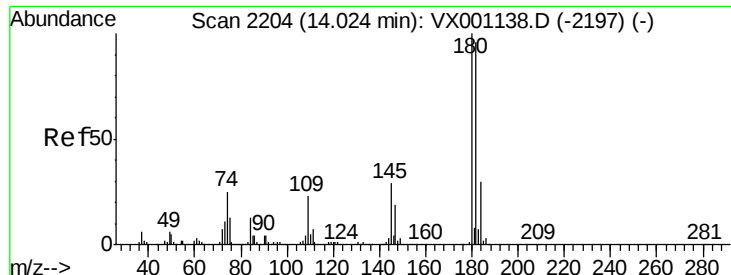
Delta R.T. -0.00 min

Lab File: VX001252.D

Acq: 29 Apr 2018 08:34

Tgt Ion:	128	Resp:	651778
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.66 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001252.D
 Acq: 29 Apr 2018 08:34

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

Tot Ion:	180	Resp:	233152
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.2	144.6
145	29.0	14.5	43.5

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:45:04 PM

