

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001253.D
 Acq On : 29 Apr 2018 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:59 PM

Quant Time: Apr 30 04:06:03 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	193437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131403	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	5.51	113	107638	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.72	98	409728	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	158817	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103272	50.91	ug/l	97
3) Chloromethane	1.32	50	102937	48.45	ug/l	100
4) Vinyl Chloride	1.41	62	109199	48.44	ug/l	99
5) Bromomethane	1.64	94	88489	64.85	ug/l	98
6) Chloroethane	1.73	64	69801	49.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	191814	52.69	ug/l	99
8) Diethyl Ether	2.19	74	66767	47.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	106429	53.06	ug/l	100
10) Methyl Iodide	2.51	142	116122	54.86	ug/l	98
11) Tert butyl alcohol	3.07	59	120358	203.55	ug/l	99
12) 1,1-Dichloroethene	2.38	96	97790	49.99	ug/l	100
13) Acrolein	2.30	56	40620	181.71	ug/l	100
14) Allyl chloride	2.73	41	167250	46.87	ug/l	97
15) Acrylonitrile	3.15	53	279036	220.98	ug/l	98
16) Acetone	2.45	43	253429	205.53	ug/l	100
17) Carbon Disulfide	2.57	76	245342	49.16	ug/l	99
18) Methyl Acetate	2.78	43	152023	49.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	345490	47.98	ug/l	100
20) Methylene Chloride	2.86	84	108350	47.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	105919	48.98	ug/l	98
22) Diisopropyl ether	3.88	45	341620	47.85	ug/l	97
23) Vinyl Acetate	3.83	43	1393891	230.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179983	47.96	ug/l	99
25) 2-Butanone	4.71	43	385856	209.14	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87180	29.52	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	117154	49.48	ug/l	95
28) Bromochloromethane	5.03	49	91398	54.32	ug/l	97
29) Tetrahydrofuran	5.17	42	252222	212.62	ug/l	99
30) Chloroform	5.23	83	203363	50.96	ug/l	100
31) Cyclohexane	5.58	56	163218	51.20	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	177879	51.64	ug/l	98
36) 1,1-Dichloropropene	5.81	75	147672	51.89	ug/l	99
37) Ethyl Acetate	4.87	43	153981	45.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	158616	54.36	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001253.D
 Acq On : 29 Apr 2018 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:59 PM

Quant Time: Apr 30 04:06:03 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	167577	53.21	ug/l	99
40) Benzene	6.15	78	434280	52.76	ug/l	98
41) Methacrylonitrile	5.07	41	90061	47.03	ug/l	98
42) 1,2-Dichloroethane	6.21	62	167417	50.47	ug/l	100
43) Isopropyl Acetate	6.47	43	256141	47.86	ug/l	100
44) Trichloroethene	7.22	130	129309	52.73	ug/l	96
45) 1,2-Dichloropropane	7.52	63	111699	51.59	ug/l	98
46) Dibromomethane	7.67	93	79328	52.91	ug/l	98
47) Bromodichloromethane	7.90	83	148149	54.39	ug/l	99
48) Methyl methacrylate	7.79	41	135543	47.65	ug/l	98
49) 1,4-Dioxane	7.76	88	49168	863.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	840762	239.16	ug/l	99
52) Toluene	8.79	92	290783	54.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	160443	50.67	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	152936	44.84	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	117726	51.69	ug/l	99
56) Ethyl methacrylate	9.19	69	172384	51.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	190384	51.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	391180	245.22	ug/l	100
59) 2-Hexanone	9.50	43	648806	235.55	ug/l	98
60) Dibromochloromethane	9.59	129	129199	48.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	127342	53.37	ug/l	99
64) Tetrachloroethene	9.34	164	152023	56.38	ug/l	97
65) Chlorobenzene	10.15	112	340625	51.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	126478	55.24	ug/l	99
67) Ethyl Benzene	10.26	91	569825	52.99	ug/l	98
68) m/p-Xylenes	10.37	106	454282	106.87	ug/l	100
69) o-Xylene	10.70	106	217980	52.87	ug/l	99
70) Styrene	10.72	104	371131	54.09	ug/l	100
71) Bromoform	10.87	173	106828	44.91	ug/l	100
73) Isopropylbenzene	11.02	105	592861	51.69	ug/l	100
74) N-amyl acetate	6.47	43	256141	44.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	181772	47.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	165345m	46.14	ug/l	
77) Bromobenzene	11.26	156	173384	50.97	ug/l	98
78) n-propylbenzene	11.37	91	667287	52.17	ug/l	100
79) 2-Chlorotoluene	11.43	91	402473	50.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	510190	52.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	37743	35.19	ug/l	98
82) 4-Chlorotoluene	11.52	91	486912	51.67	ug/l	100
83) tert-Butylbenzene	11.77	119	506237	52.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	526377	52.73	ug/l	99
85) sec-Butylbenzene	11.95	105	593782	52.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	553043	52.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	316758	51.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322205	50.64	ug/l	99
89) n-Butylbenzene	12.40	91	472041	51.79	ug/l	100
90) Hexachloroethane	12.60	117	81761	48.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	317661	51.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39433	46.95	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
Data File : VX001253.D
Acq On : 29 Apr 2018 09:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM

Quant Time: Apr 30 04:06:03 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)
93) 1,2,4-Trichlorobenzene	13.65	180	241454	49.90	ug/l	100
94) Hexachlorobutadiene	13.79	225	112113	49.29	ug/l	99
95) Naphthalene	13.84	128	662175	49.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239788	49.80	ug/l	100

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

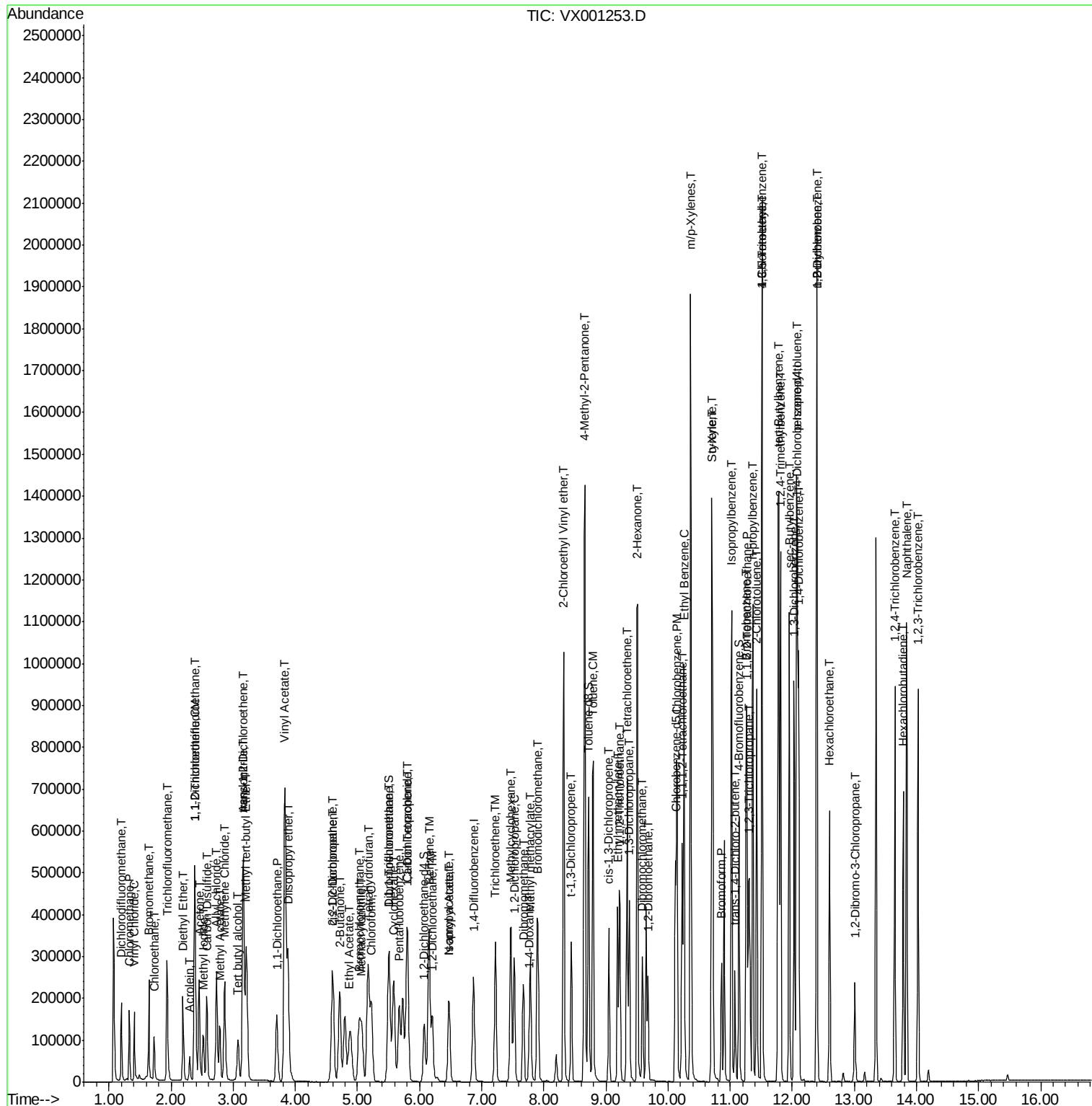
```
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\  
Data File : VX001253.D  
Acq On    : 29 Apr 2018   09:25  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 51      Sample Multiplier: 1
```

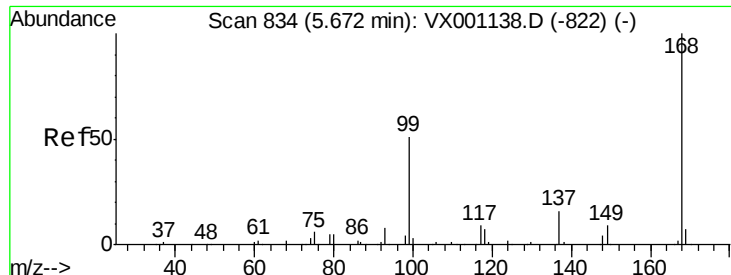
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

apatel
5/1/2018 7:44:59 PM

Quant Time: Apr 30 04:06:03 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 193437

Ion Ratio Lower Upper

168 100

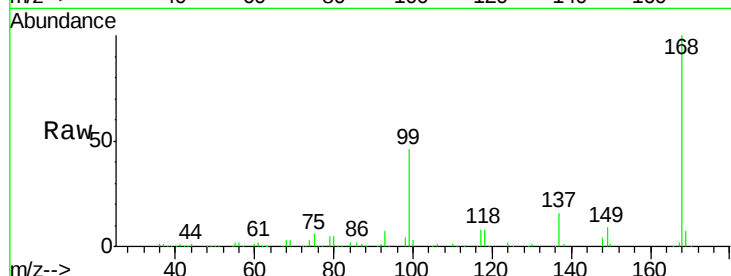
99 46.3 40.6 60.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:59 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

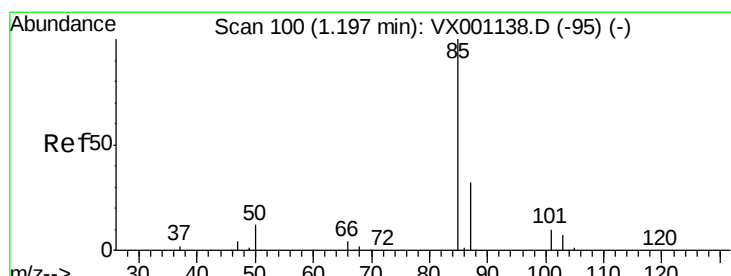
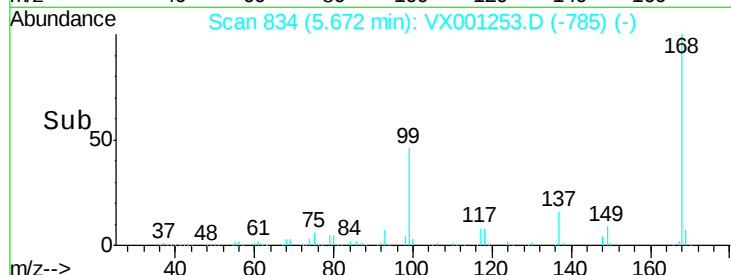
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.91 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001253.D

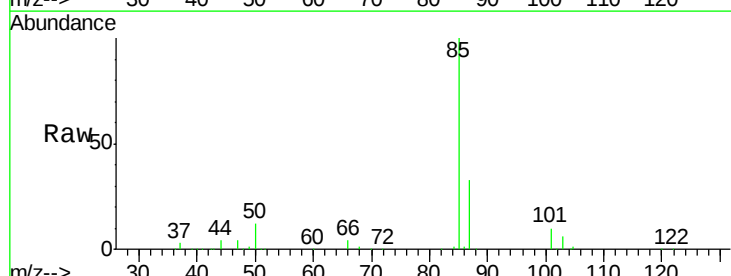
Acq: 29 Apr 2018 09:25

Tgt Ion: 85 Resp: 103272

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

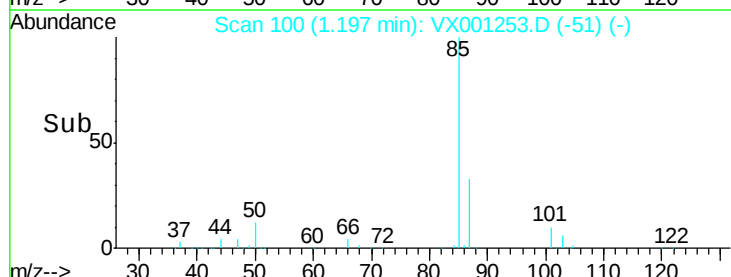
40000

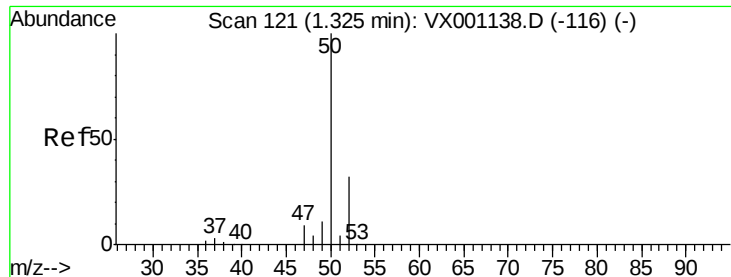
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.45 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 102937

Ion Ratio Lower Upper

50 100

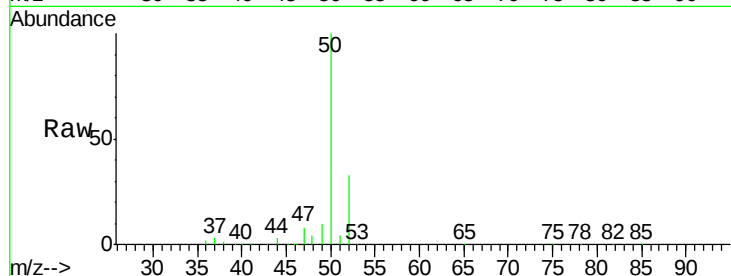
52 32.5 25.9 38.9

Manual Integrations

APPROVED

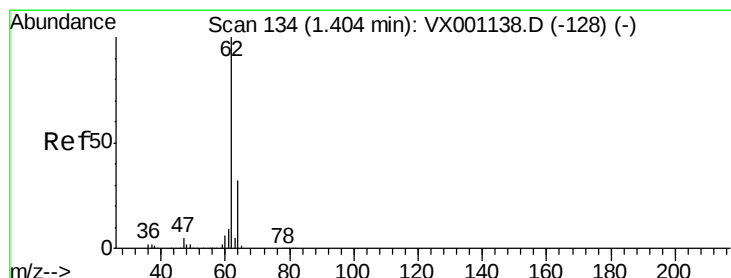
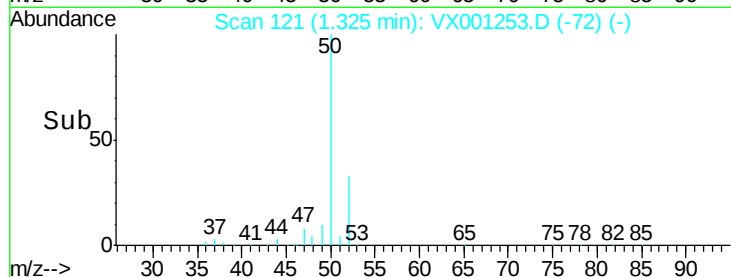
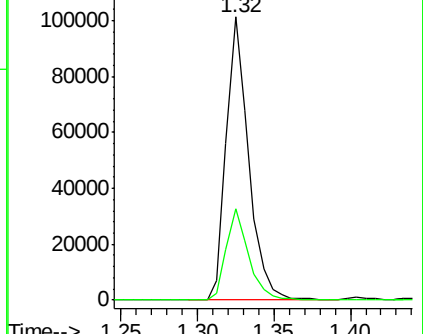
apatel

5/1/2018 7:44:59 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.44 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001253.D

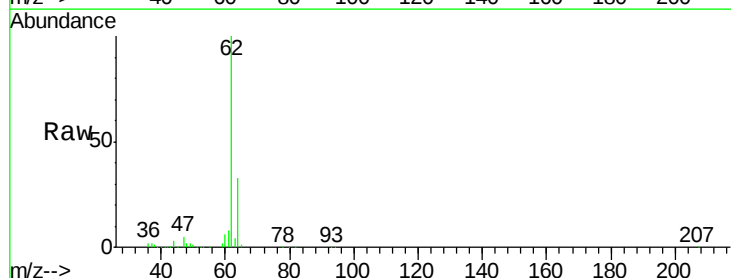
Acq: 29 Apr 2018 09:25

Tgt Ion: 62 Resp: 109199

Ion Ratio Lower Upper

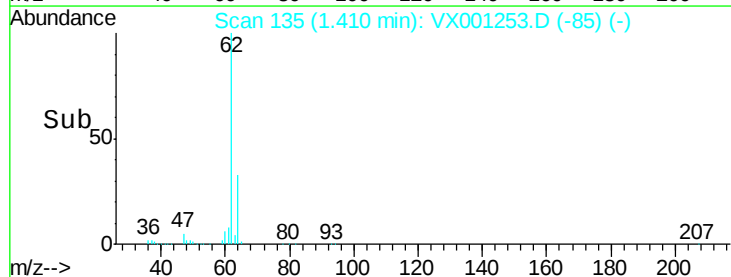
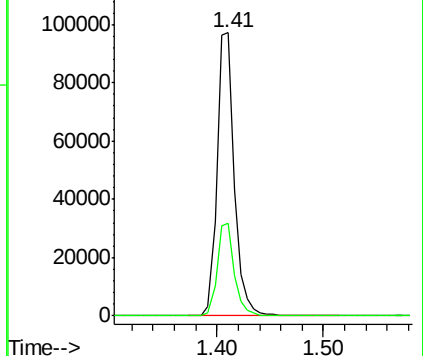
62 100

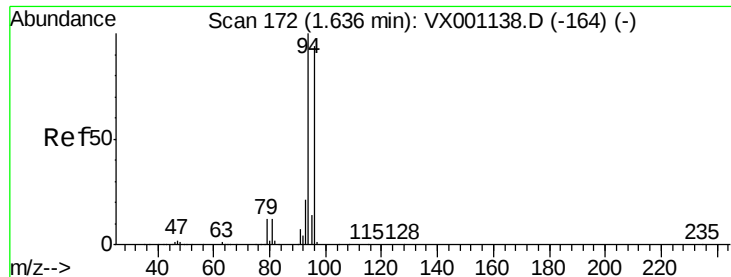
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 64.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 88489

Ion Ratio Lower Upper

94 100

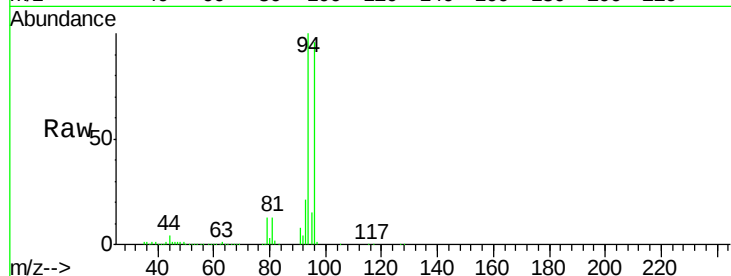
96 95.8 75.3 112.9

Manual Integrations

APPROVED

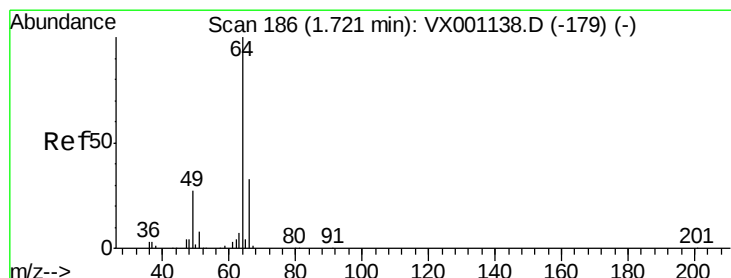
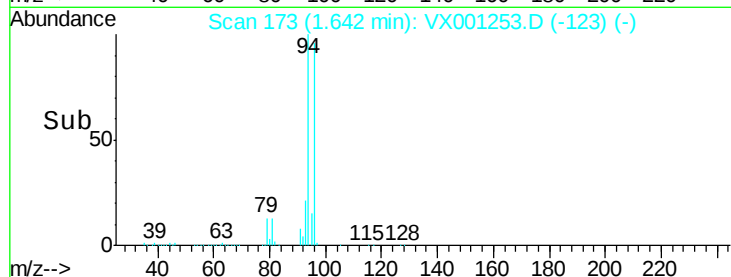
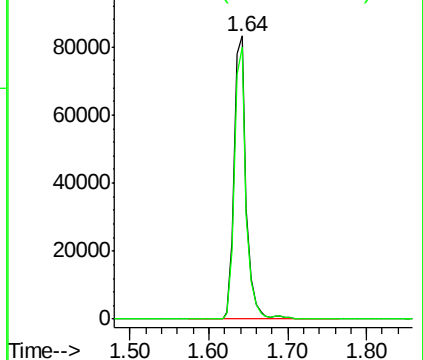
apatel

5/1/2018 7:44:59 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.20 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001253.D

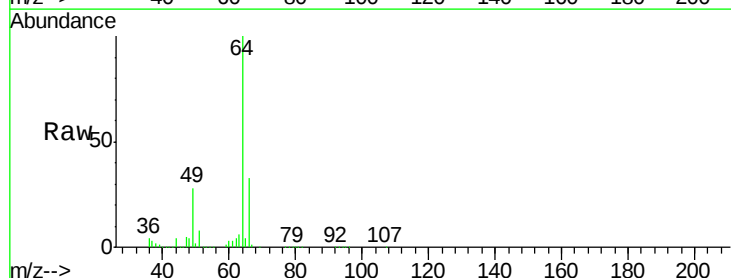
Acq: 29 Apr 2018 09:25

Tgt Ion: 64 Resp: 69801

Ion Ratio Lower Upper

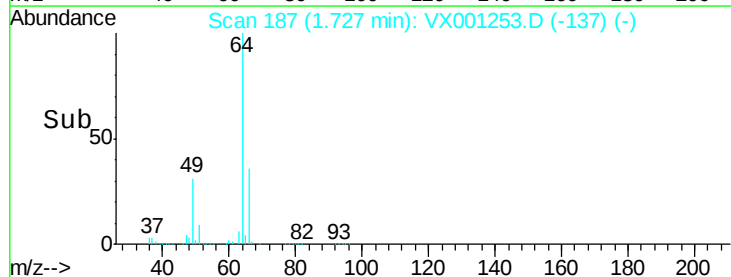
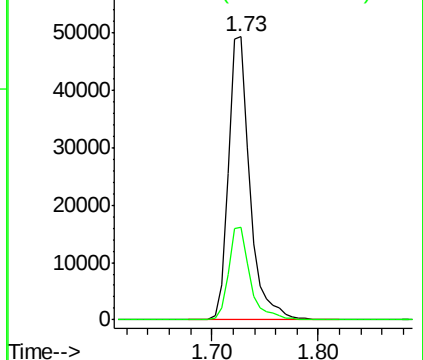
64 100

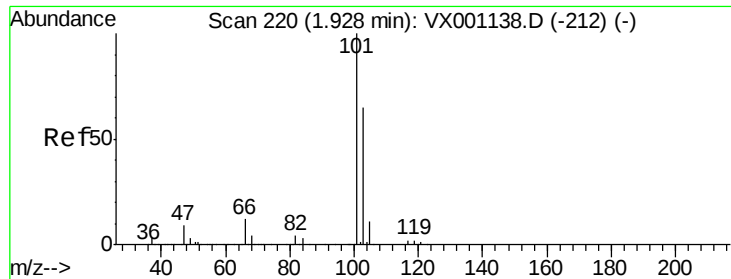
66 32.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

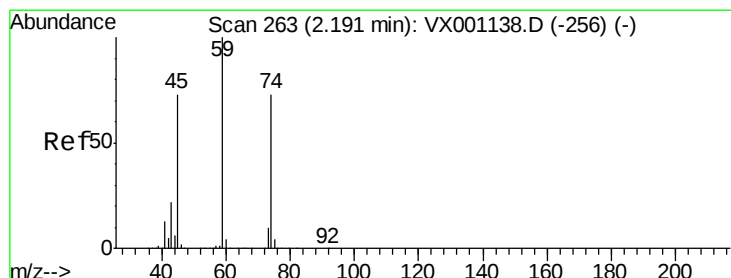
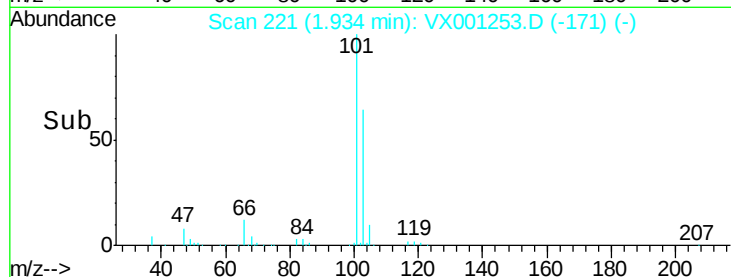
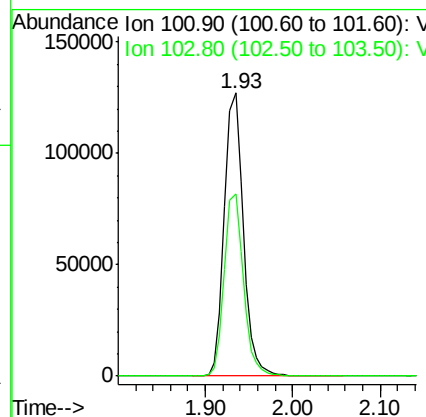
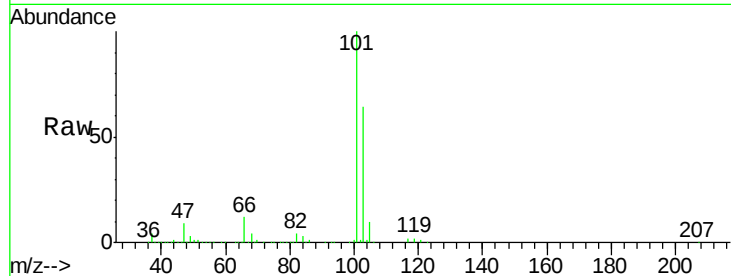
Trichlorofluoromethane
Concen: 52.69 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191814		
103	64.4	51.9	77.9	

Manual Integrations
APPROVED

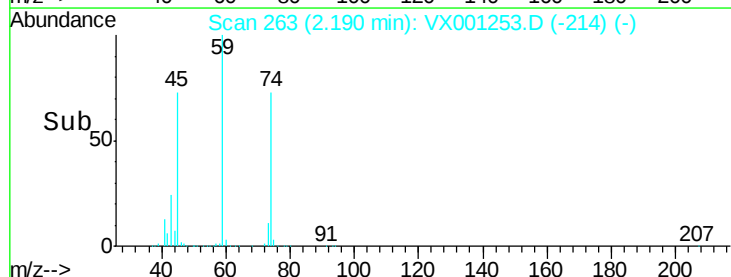
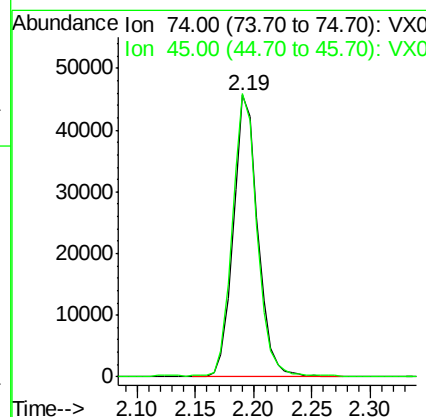
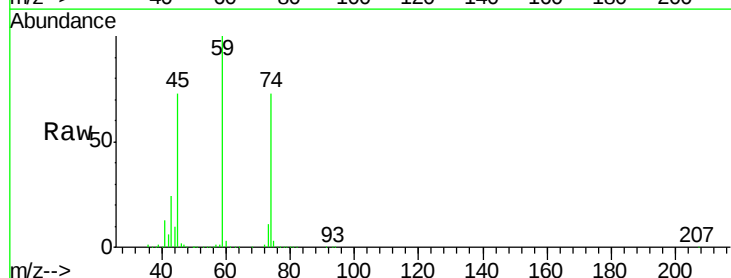
apatel
5/1/2018 7:44:59 PM

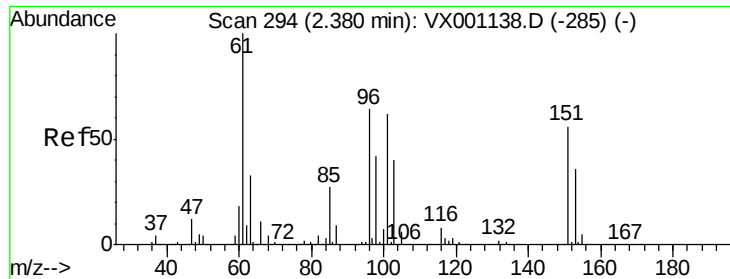


#8

Diethyl Ether
Concen: 47.70 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66767		
45	100.5	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.06 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

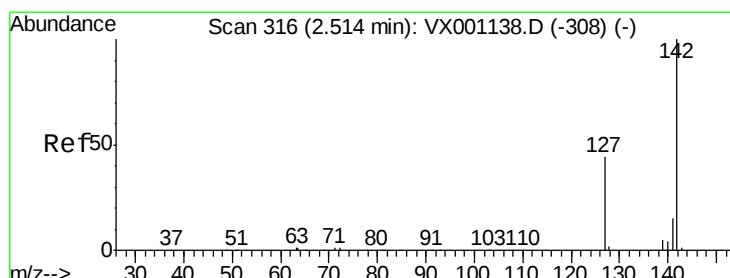
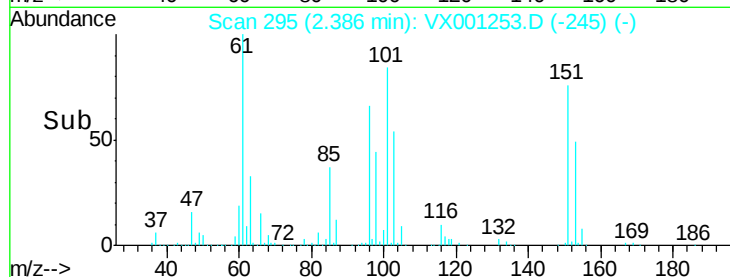
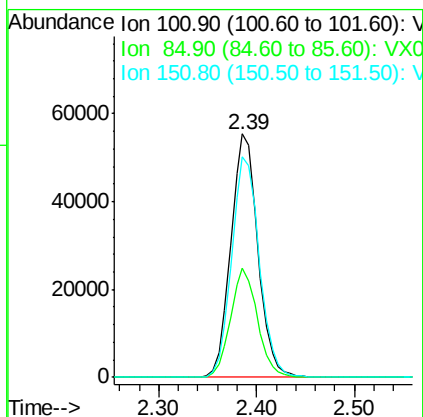
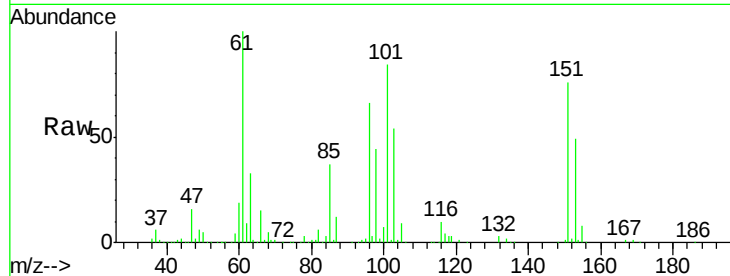
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	106429
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.4	53.0
151	92.6	74.2	111.4

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#10

Methyl Iodide

Concen: 54.86 ug/l

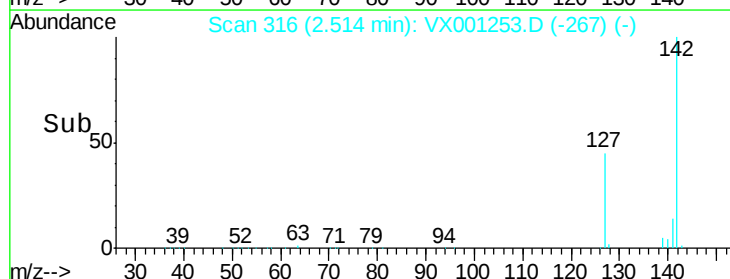
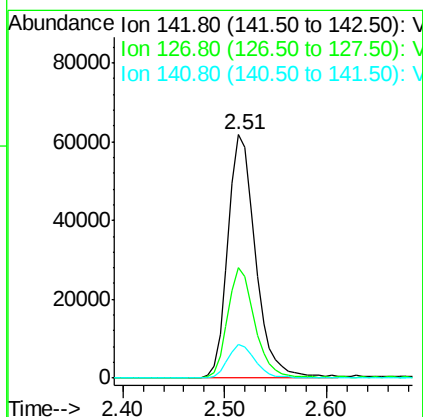
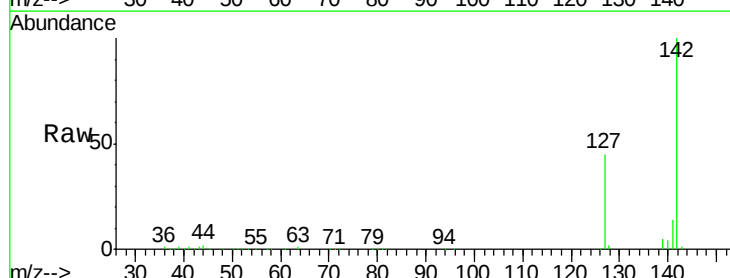
RT: 2.51 min Scan# 316

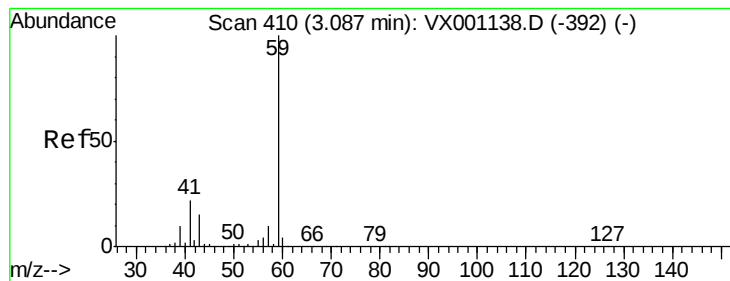
Delta R.T. 0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	142	Resp:	116122
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.7	52.1
141	13.9	11.6	17.4





#11

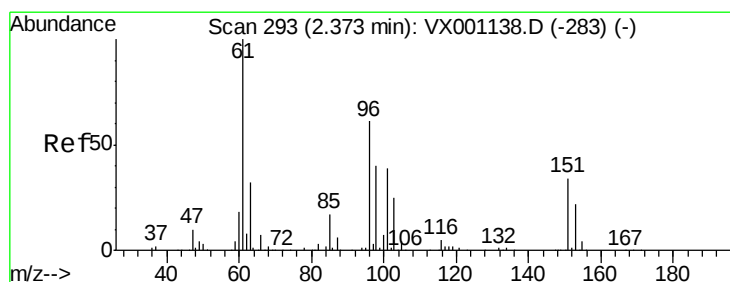
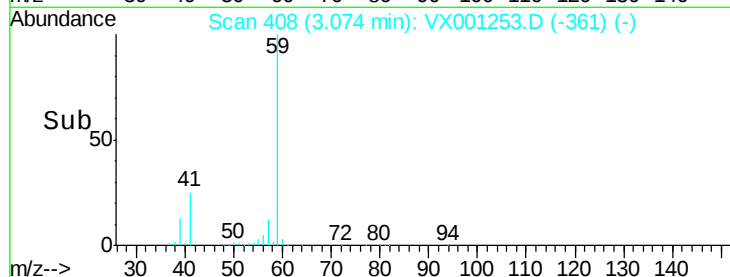
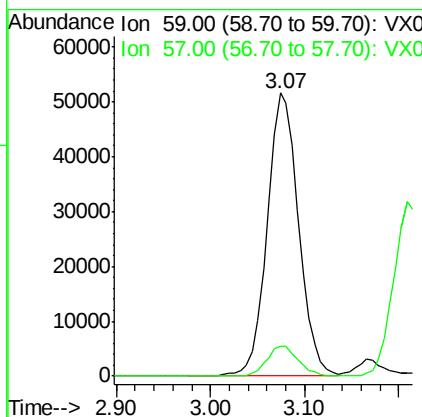
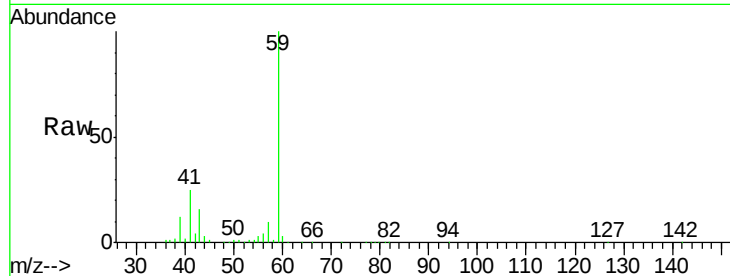
Tert butyl alcohol
Concen: 203.55 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

Manual Integrations
APPROVED

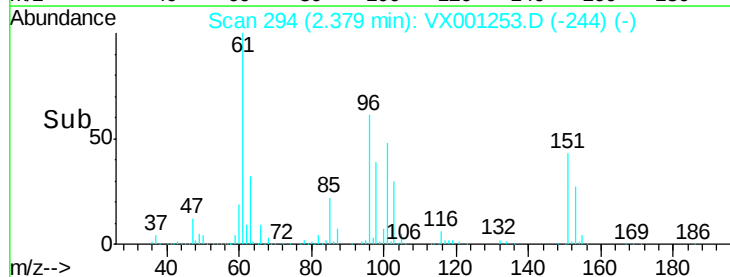
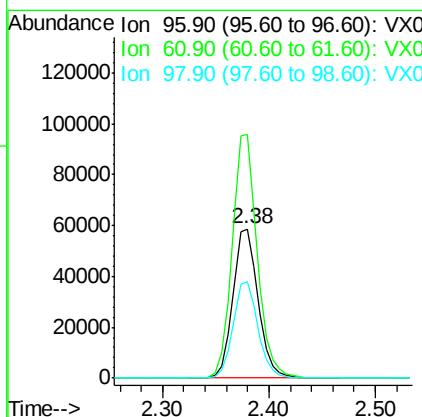
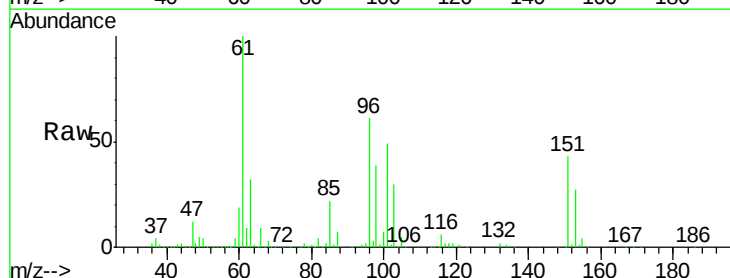
apatel
5/1/2018 7:44:59 PM

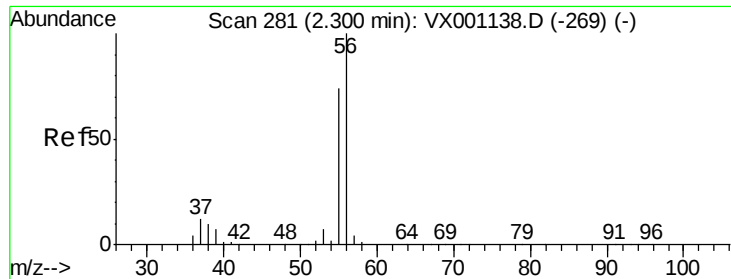


#12

1,1-Dichloroethene
Concen: 49.99 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.5	130.2	195.4
98	64.6	51.5	77.3





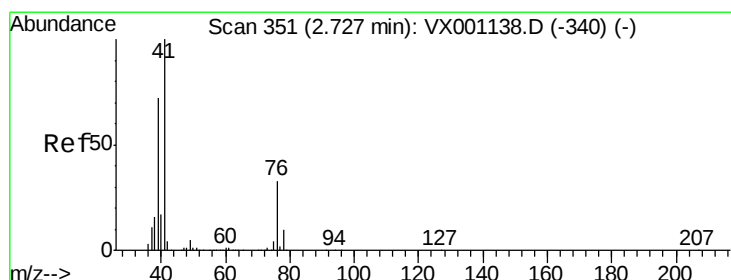
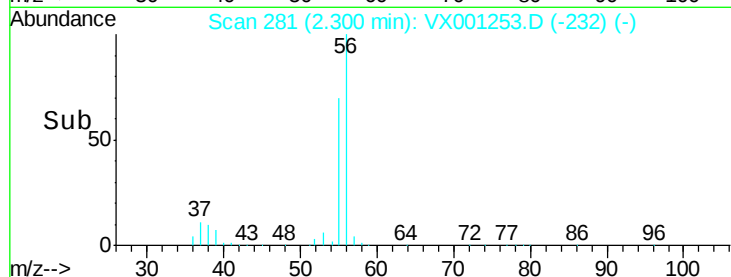
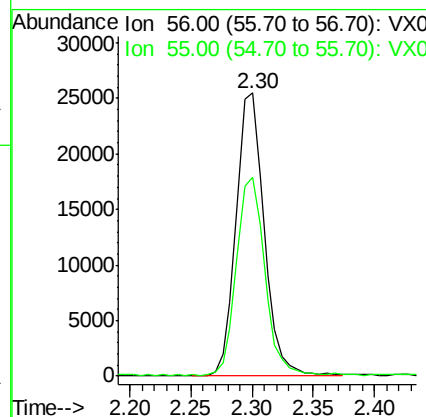
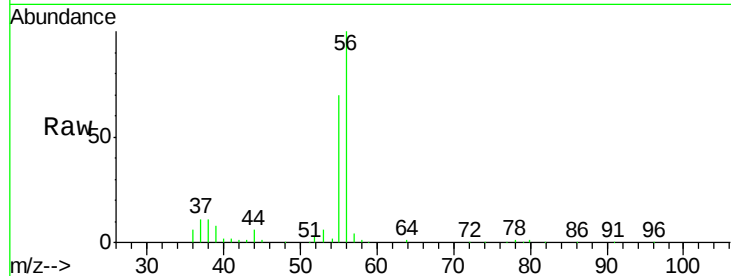
#13
Acrolein
Concen: 181.71 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	40620
Ion Ratio	100	Lower	Upper
55	71.2	57.2	85.8

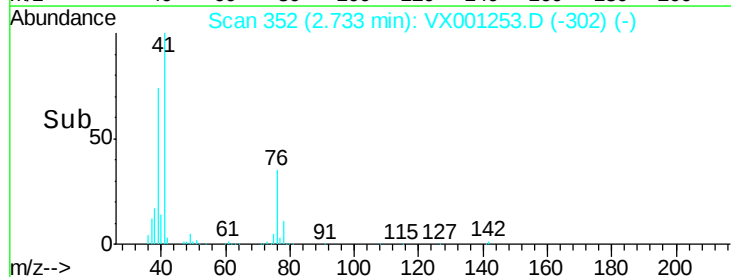
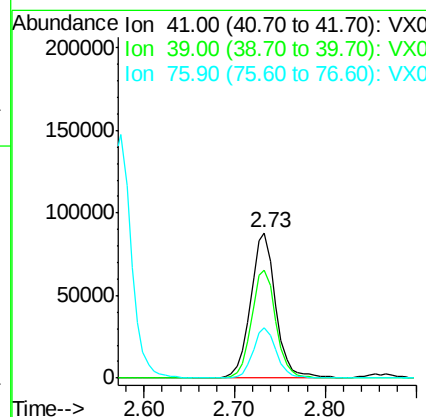
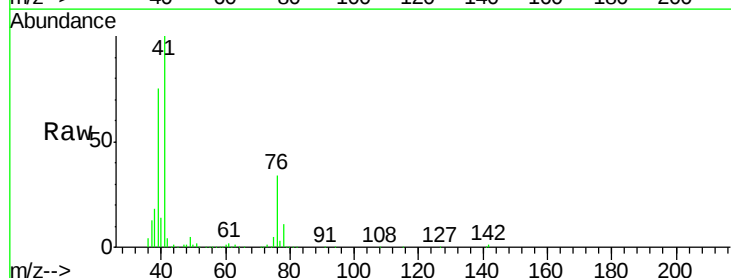
Manual Integrations
APPROVED

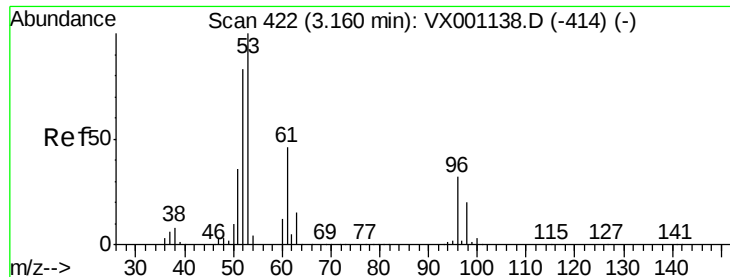
apatel
5/1/2018 7:44:59 PM



#14
Allyl chloride
Concen: 46.87 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	41	Resp	167250
Ion Ratio	100	Lower	Upper
39	72.6	55.6	83.4
76	32.0	24.8	37.2





#15

Acrylonitrile

Concen: 220.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

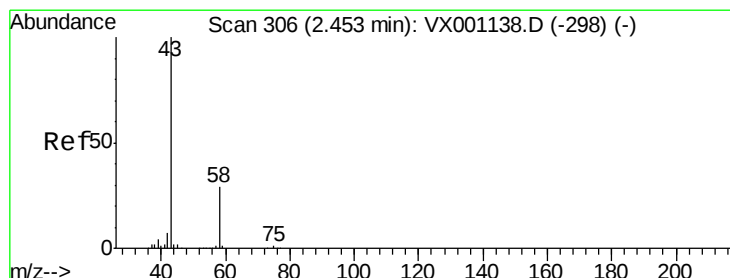
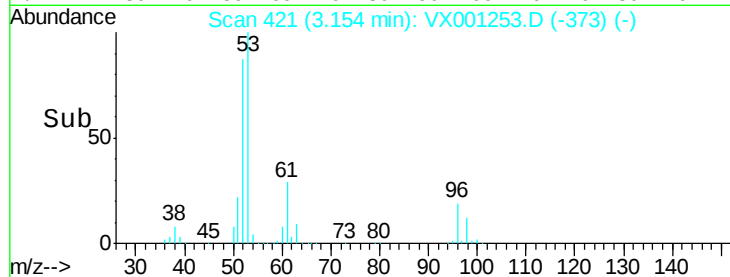
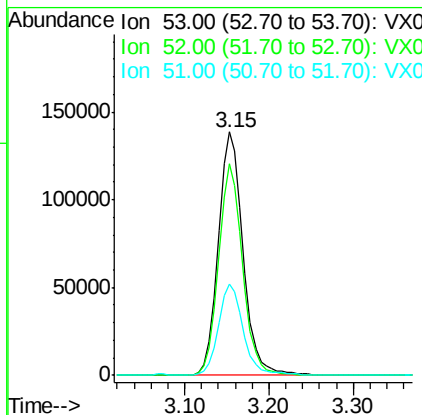
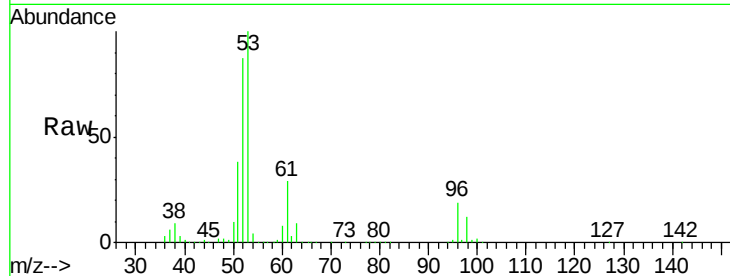
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	279036
Ion Ratio	Lower	Upper	
53	100		
52	84.7	66.5	99.7
51	37.6	29.5	44.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#16

Acetone

Concen: 205.53 ug/l

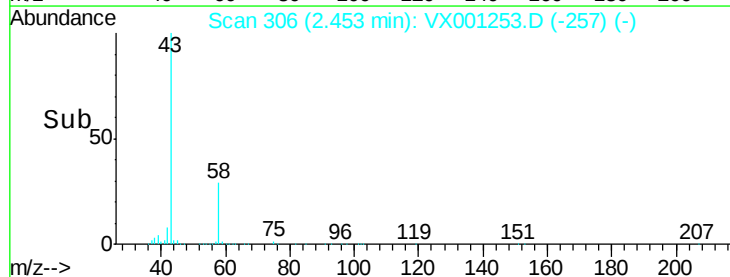
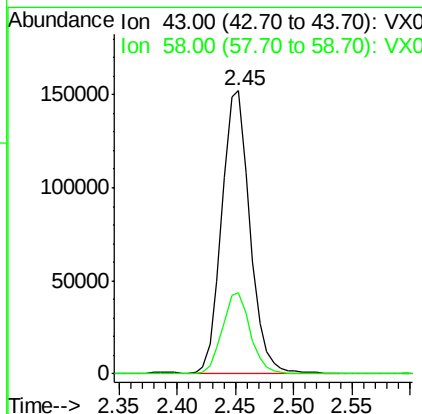
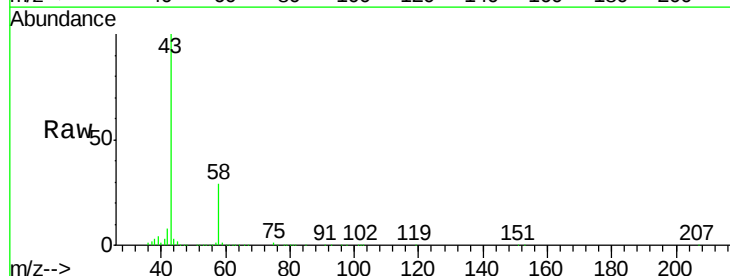
RT: 2.45 min Scan# 306

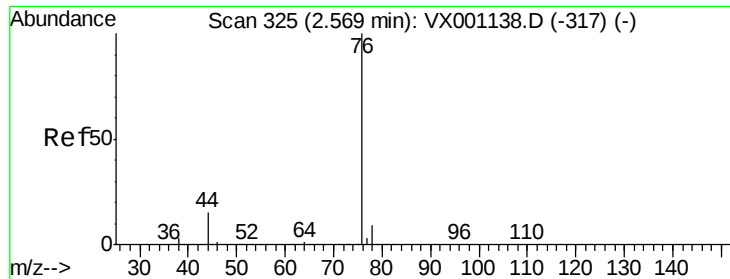
Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	43	Resp:	253429
Ion Ratio	Lower	Upper	
43	100		
58	28.8	23.0	34.6





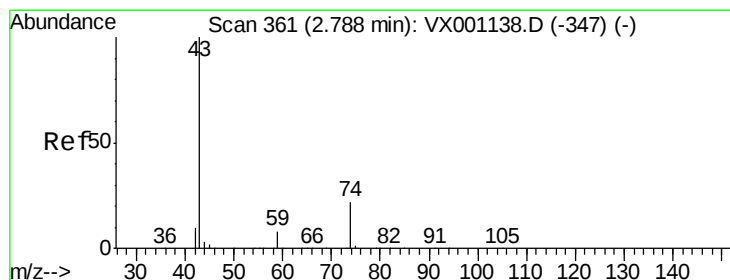
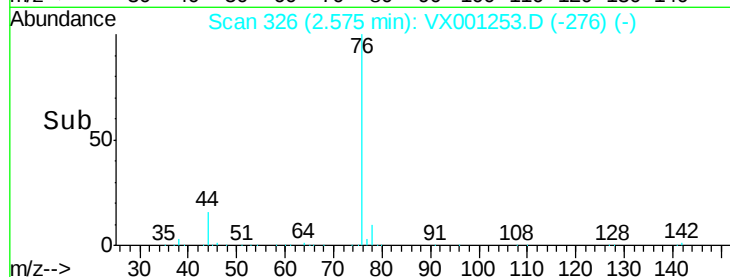
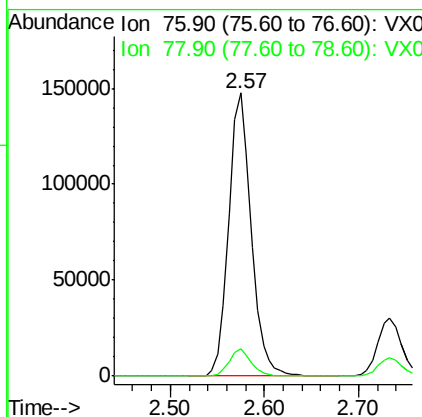
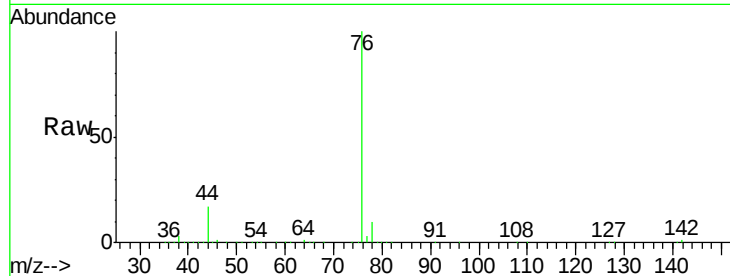
#17
Carbon Disulfide
Concen: 49.16 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

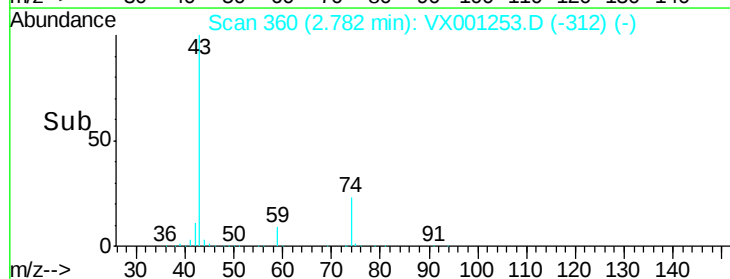
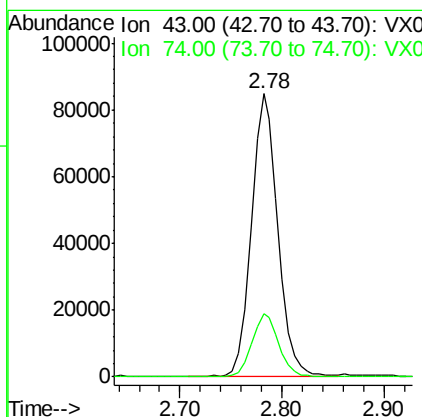
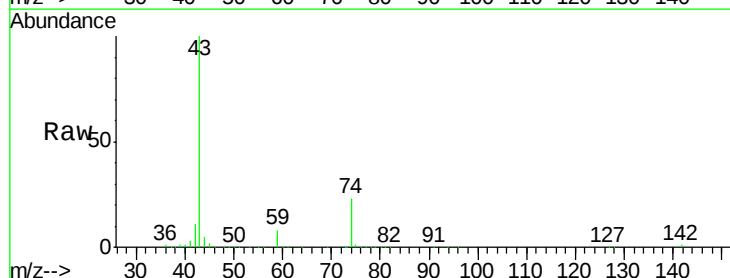
Manual Integrations
APPROVED

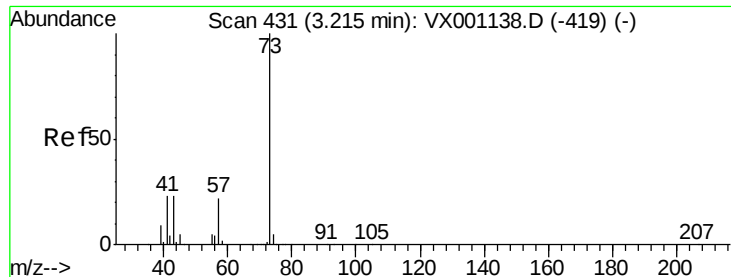
apatel
5/1/2018 7:44:59 PM



#18
Methyl Acetate
Concen: 49.27 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.1	27.1





#19

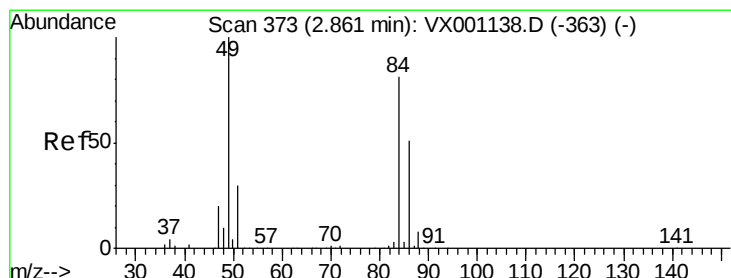
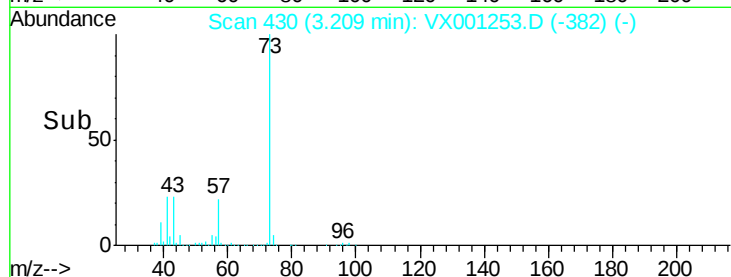
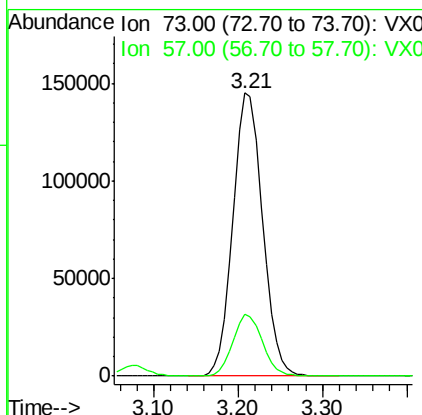
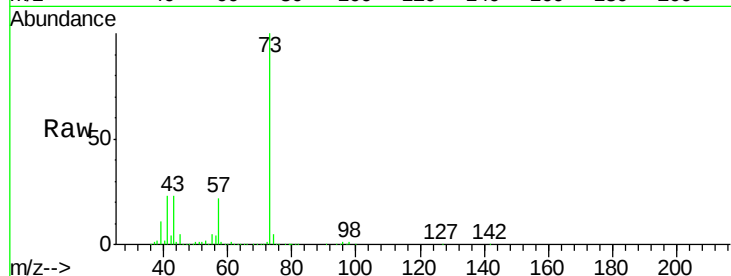
Methyl tert-butyl Ether
 Concen: 47.98 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

Manual Integrations
 APPROVED

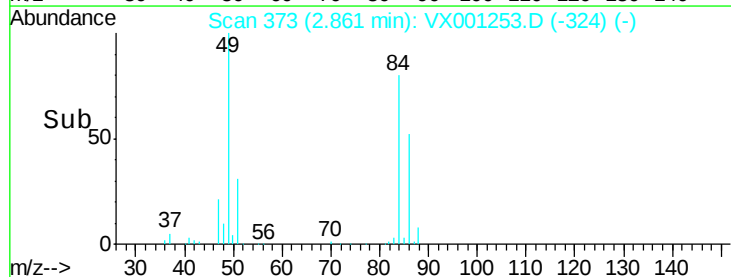
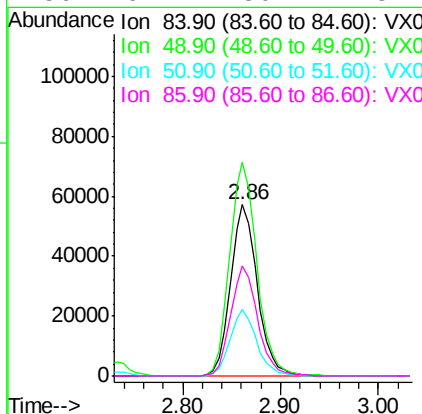
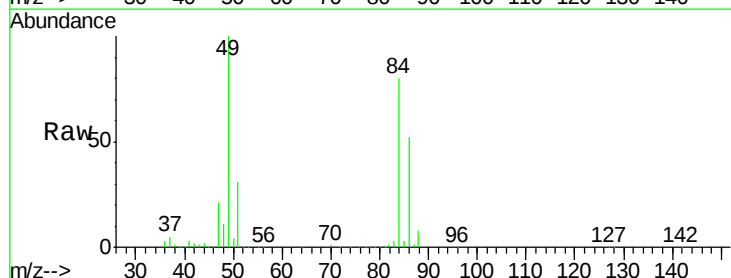
apatel
 5/1/2018 7:44:59 PM

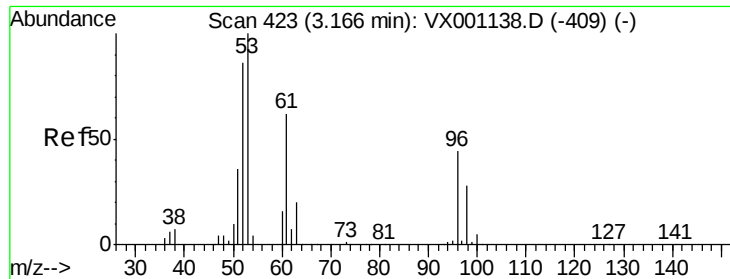


#20

Methylene Chloride
 Concen: 47.18 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	99.2	148.8
51	38.9	29.5	44.3
86	64.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 48.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

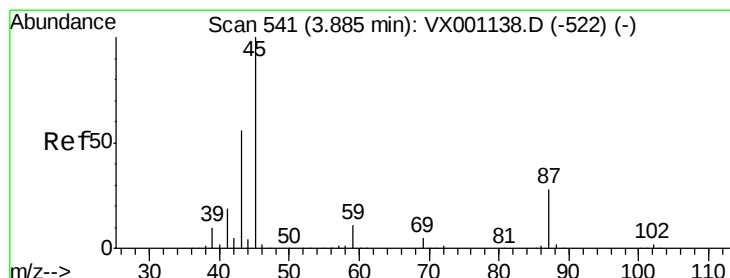
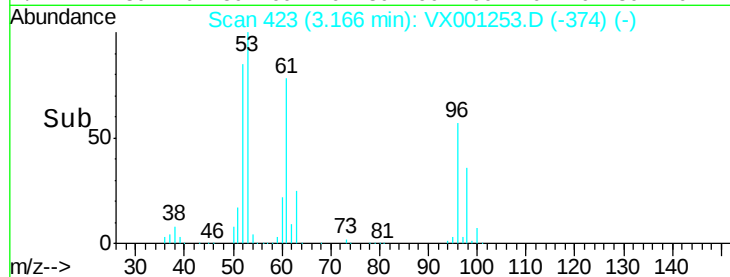
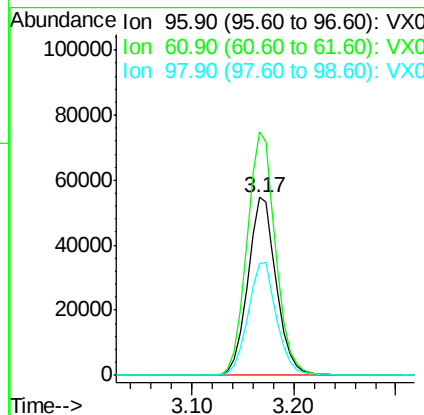
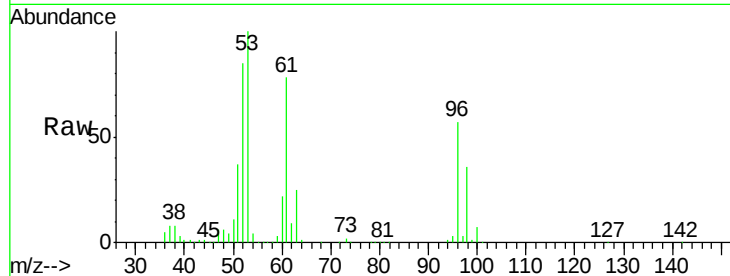
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	105919
Ion	Ratio	Lower	Upper
96	100		
61	136.8	111.9	167.9
98	63.2	51.1	76.7

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#22

Diisopropyl ether

Concen: 47.85 ug/l

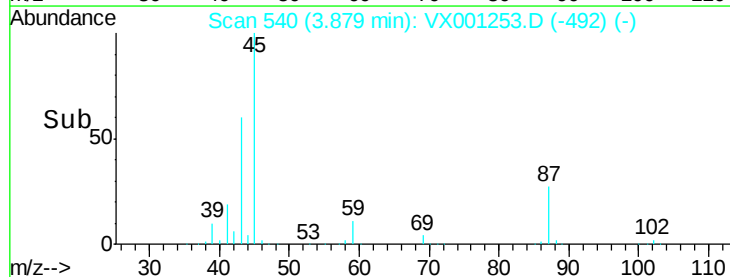
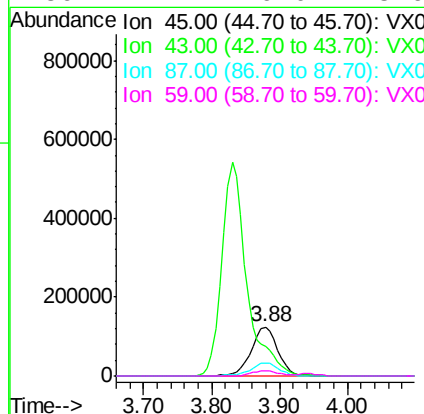
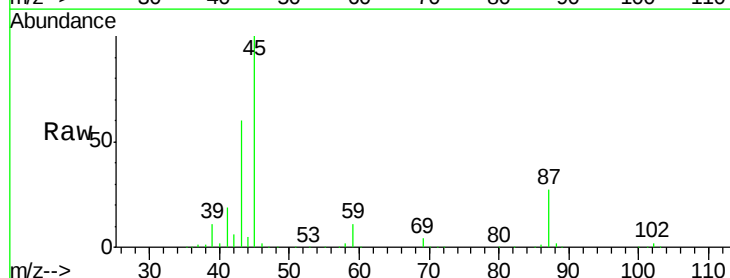
RT: 3.88 min Scan# 540

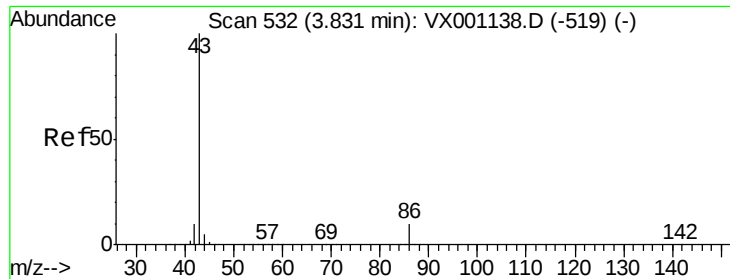
Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	45	Resp:	341620
Ion	Ratio	Lower	Upper
45	100		
43	59.4	45.0	67.4
87	27.4	22.8	34.2
59	11.2	9.0	13.6





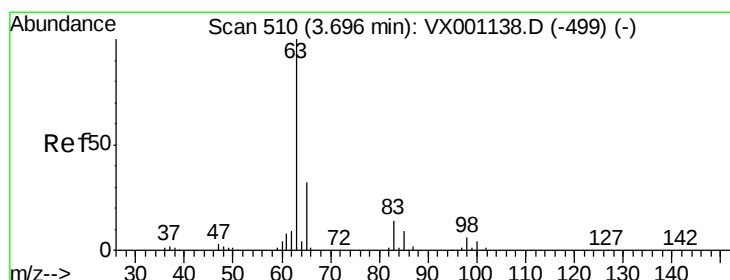
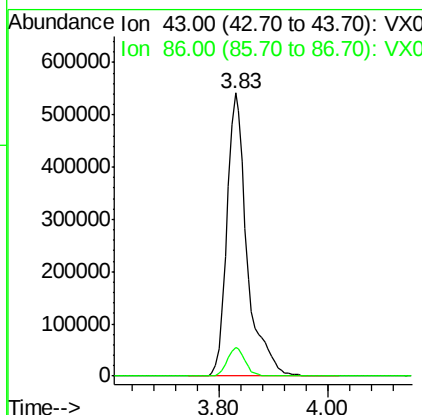
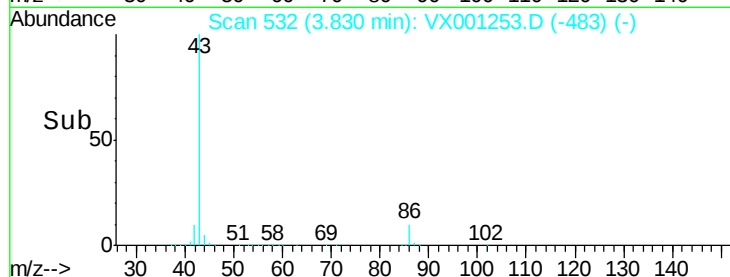
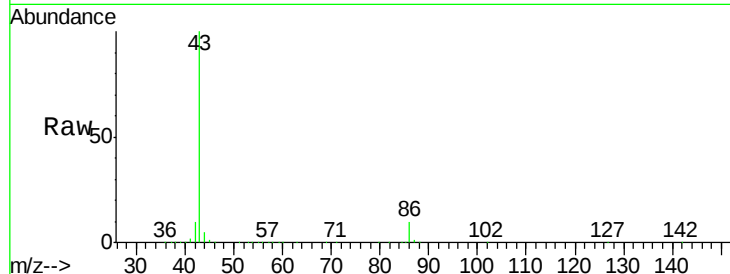
#23
 Vinyl Acetate
 Concen: 230.12 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1393891
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

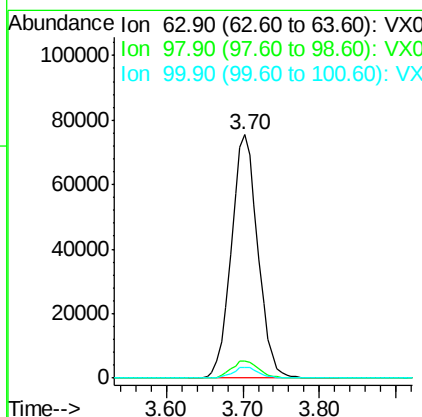
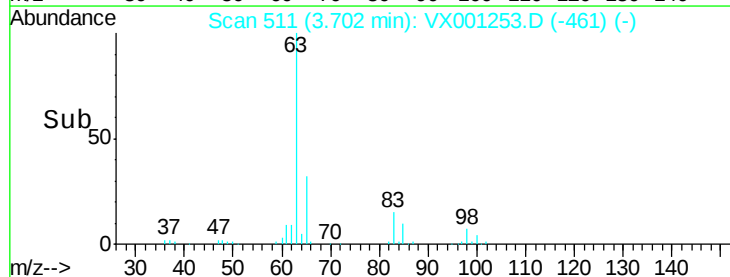
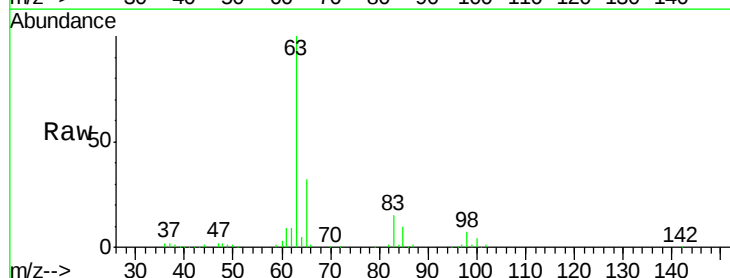
Manual Integrations
 APPROVED

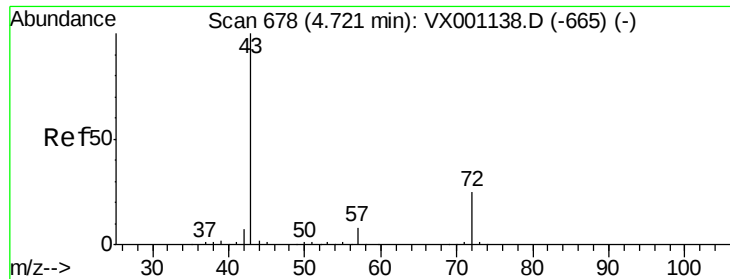
apatel
 5/1/2018 7:44:59 PM



#24
 1,1-Dichloroethane
 Concen: 47.96 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion: 63 Resp: 179983
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 209.14 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 385856

Ion Ratio Lower Upper

43 100

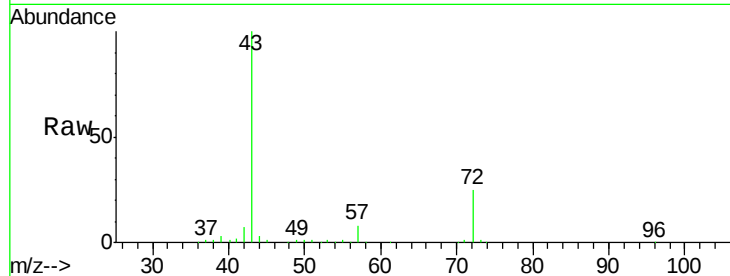
72 24.5 20.0 30.0

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:59 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

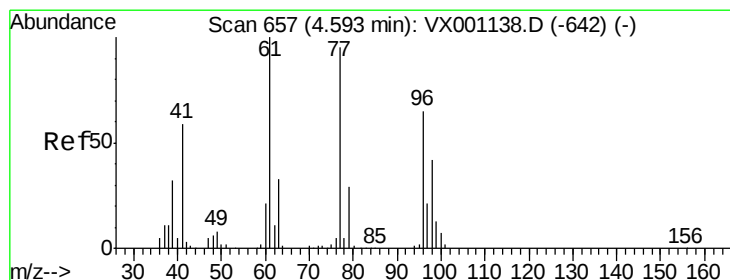
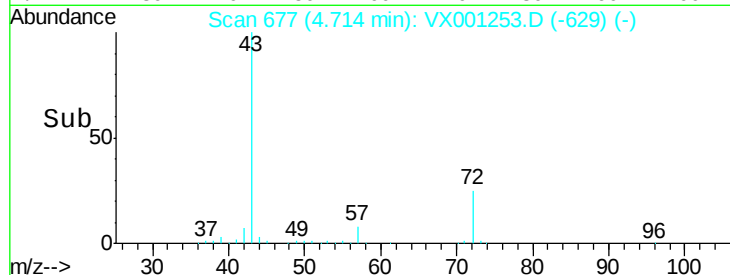
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 29.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001253.D

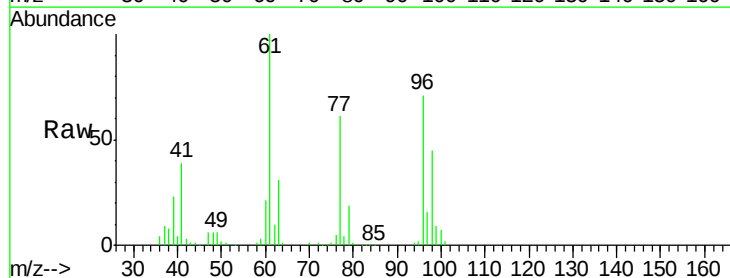
Acq: 29 Apr 2018 09:25

Tgt Ion: 77 Resp: 87180

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

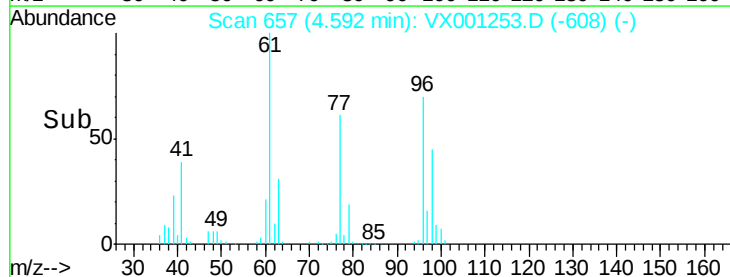
20000

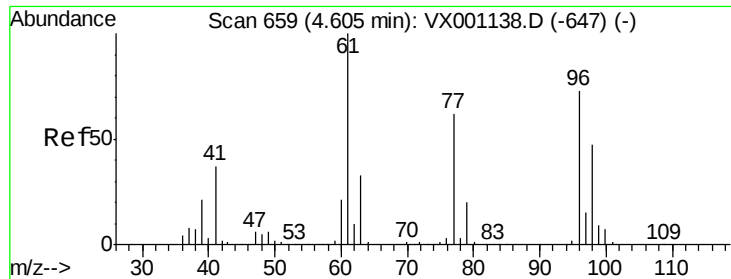
10000

0

4.50 4.60 4.70

Time-->





#27

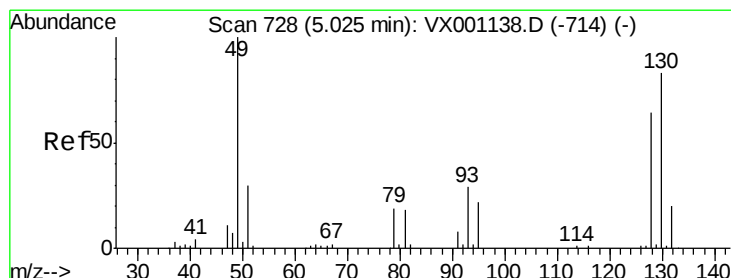
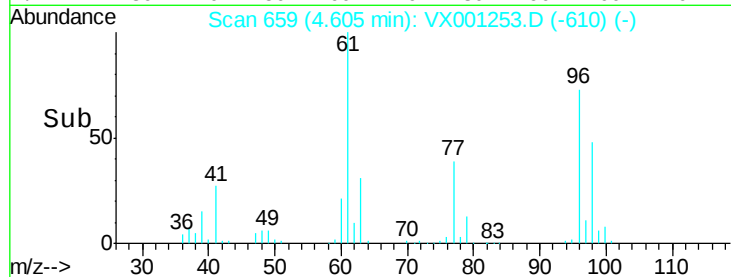
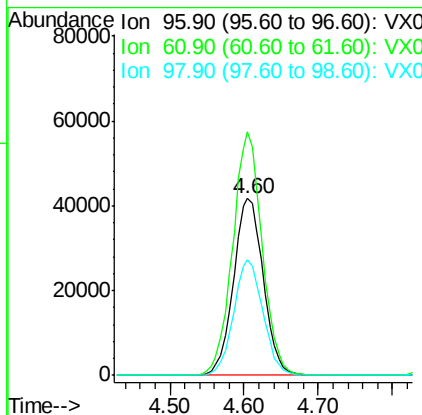
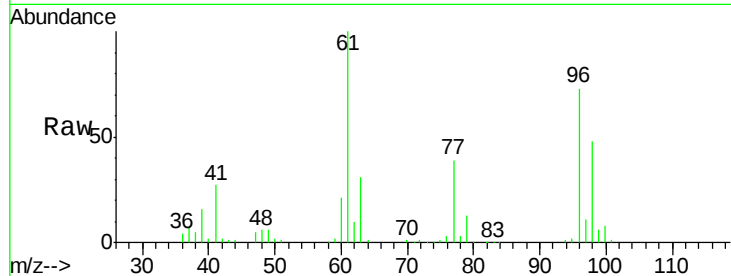
cis-1,2-Dichloroethene
 Concen: 49.48 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117154		
61	135.8	0.0	289.0	
98	64.3	0.0	128.2	

Manual Integrations
 APPROVED

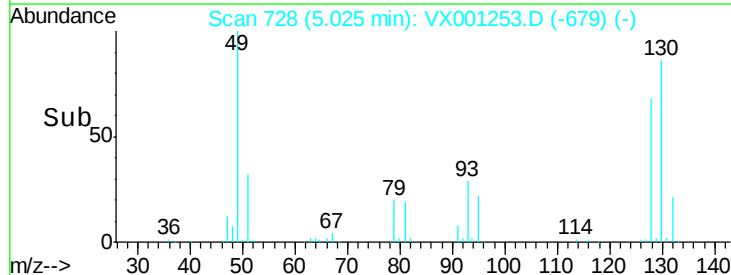
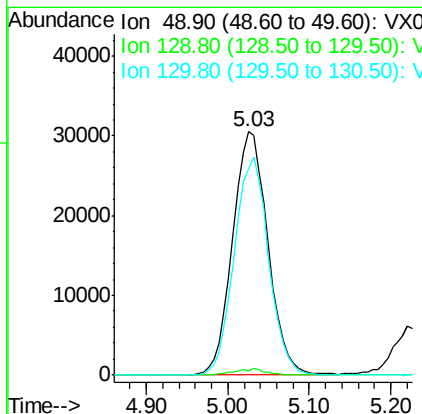
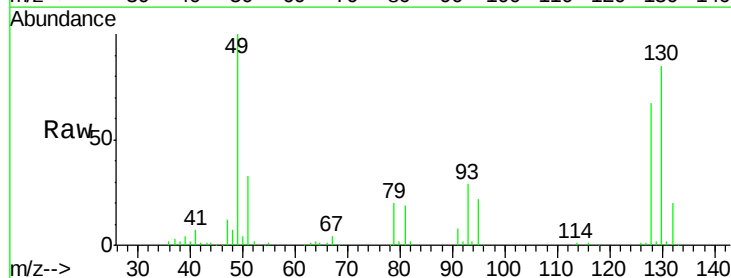
apatel
 5/1/2018 7:44:59 PM

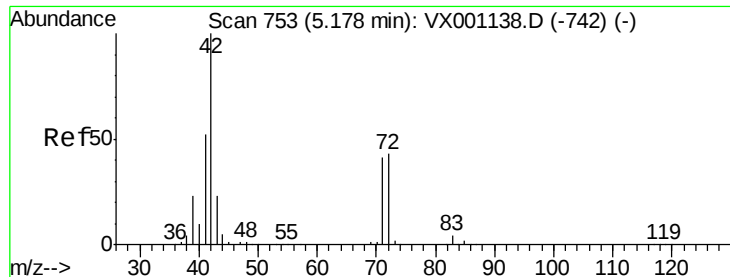


#28

Bromochloromethane
 Concen: 54.32 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91398		
129	2.4	0.0	4.6	
130	87.6	68.2	102.2	





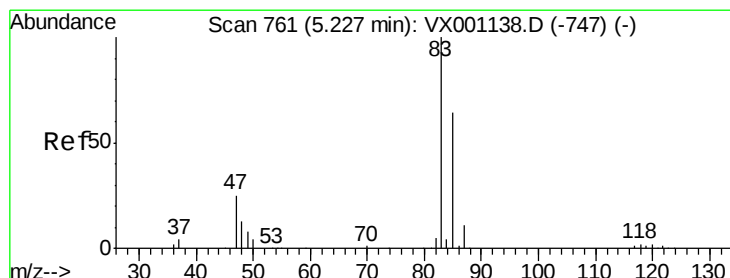
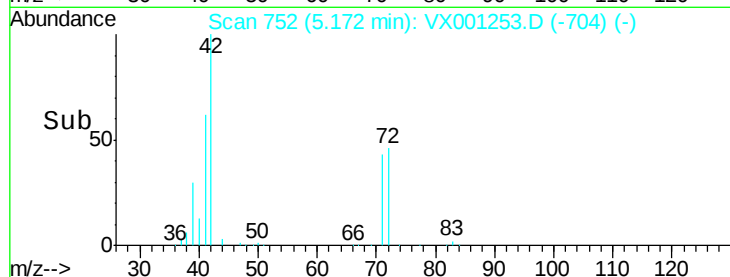
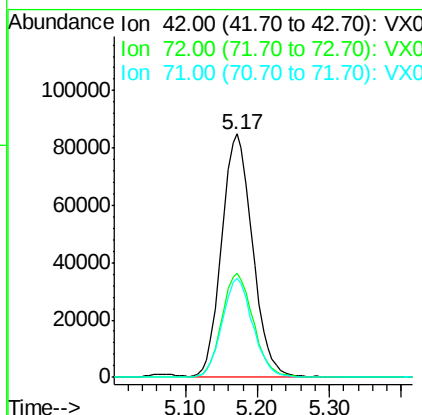
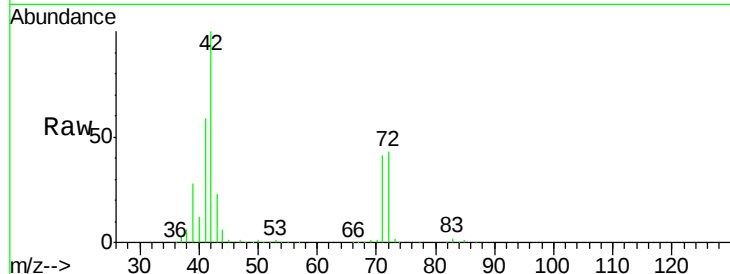
#29
Tetrahydrofuran
Concen: 212.62 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.4	51.6
71	40.3	32.1	48.1

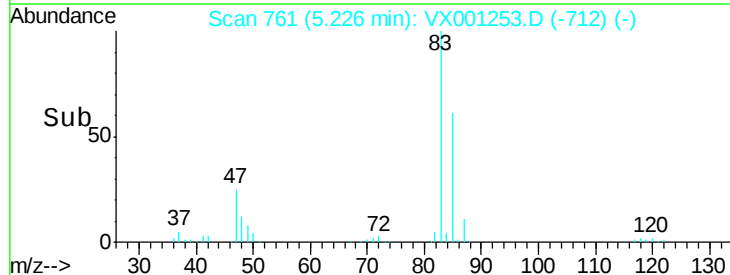
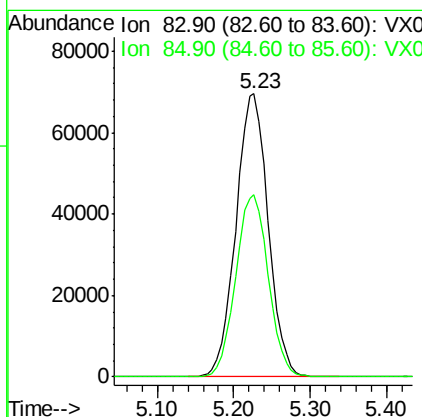
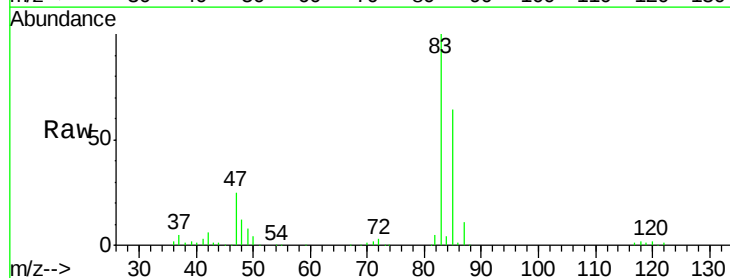
Manual Integrations
APPROVED

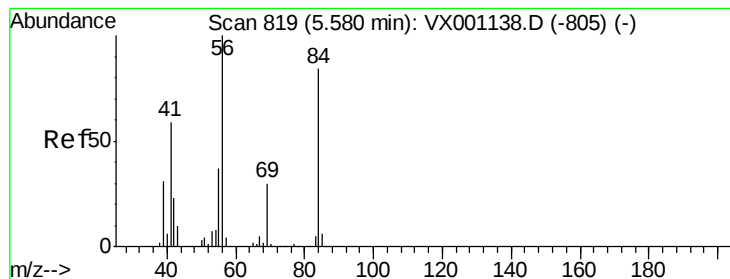
apatel
5/1/2018 7:44:59 PM



#30
Chloroform
Concen: 50.96 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0





#31

Cyclohexane

Concen: 51.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

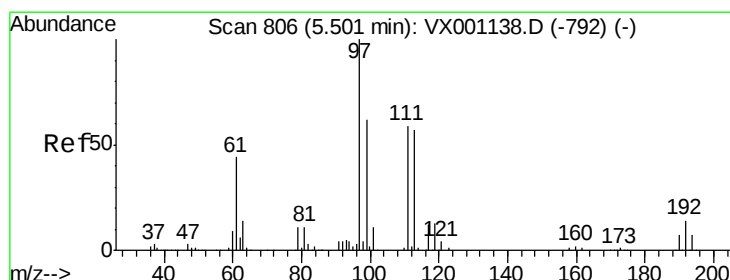
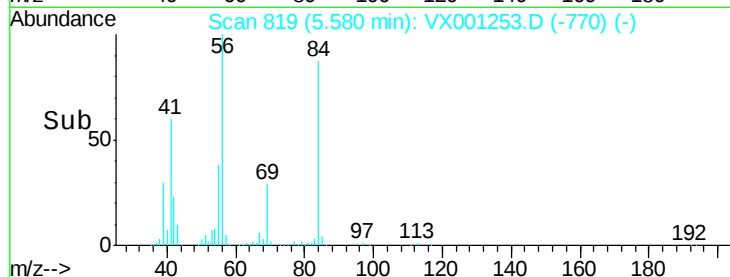
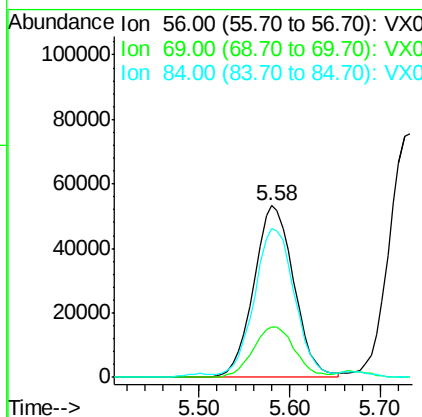
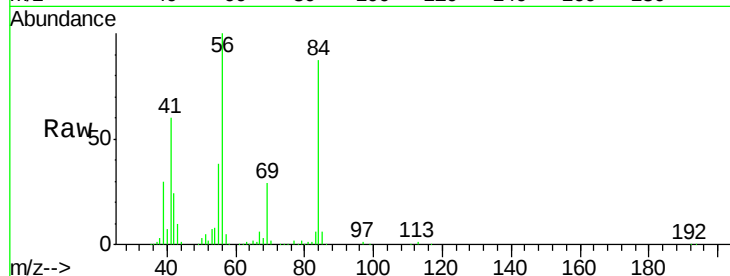
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	163218
Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.2	36.2
84	85.3	67.5	101.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#32

1,1,1-Trichloroethane

Concen: 51.64 ug/l

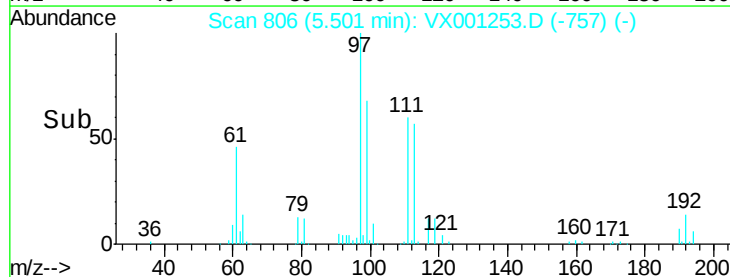
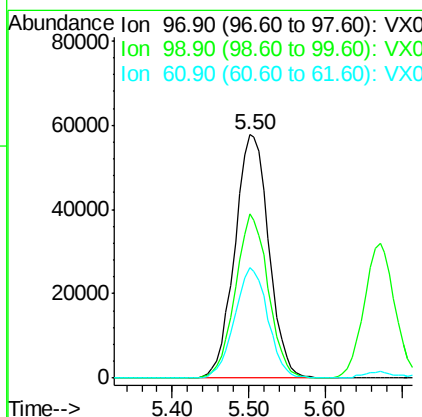
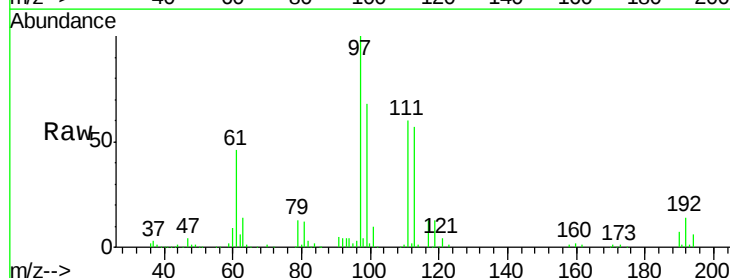
RT: 5.50 min Scan# 806

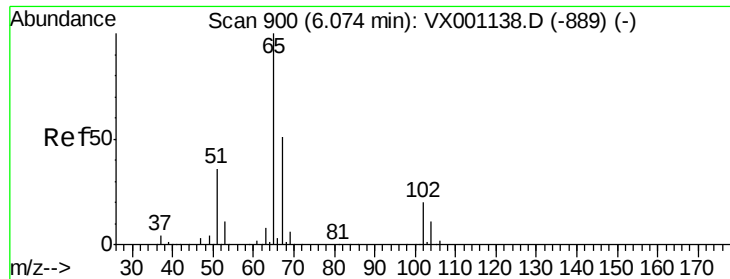
Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	97	Resp:	177879
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.9	76.3
61	44.7	35.0	52.6





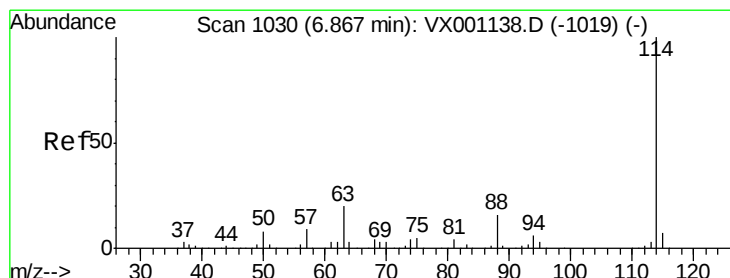
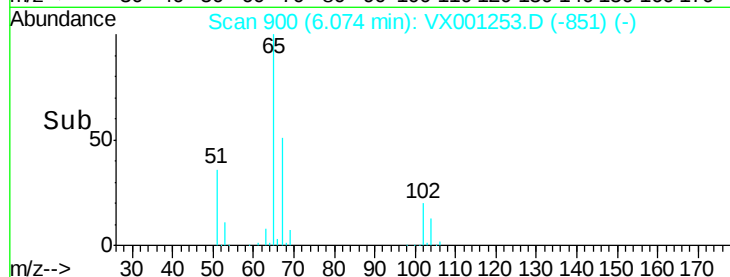
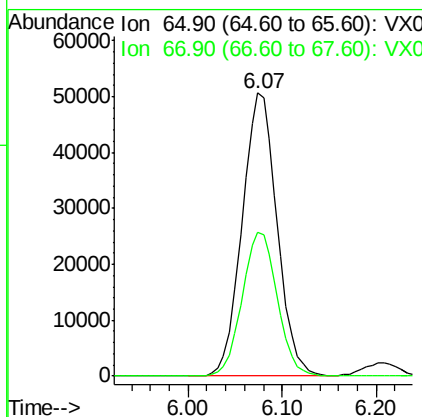
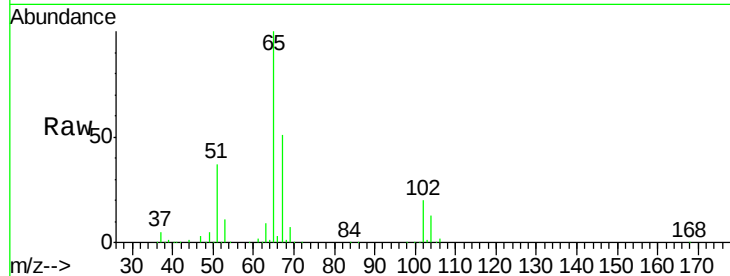
#33
 1,2-Dichloroethane-d4
 Concen: 43.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.2

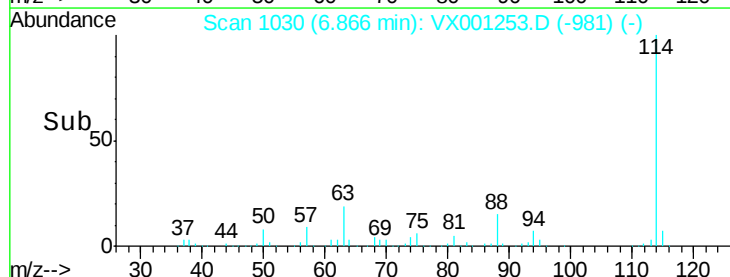
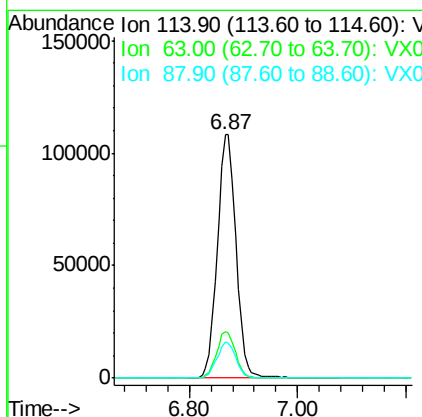
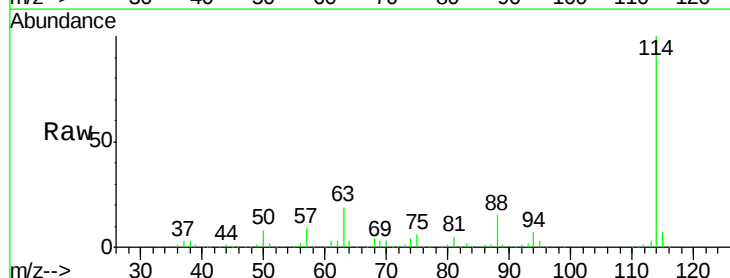
Manual Integrations
 APPROVED

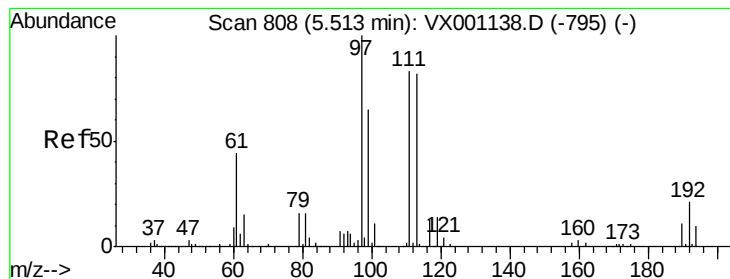
apatel
 5/1/2018 7:44:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.4
88	15.0	0.0	31.8





#35

Dibromofluoromethane

Concen: 50.36 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 107638

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

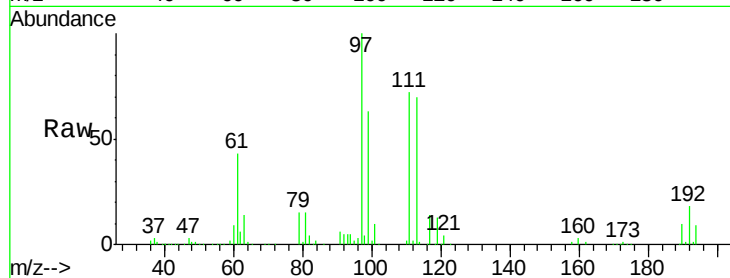
192 26.2 20.6 30.8

Manual Integrations

APPROVED

apatel

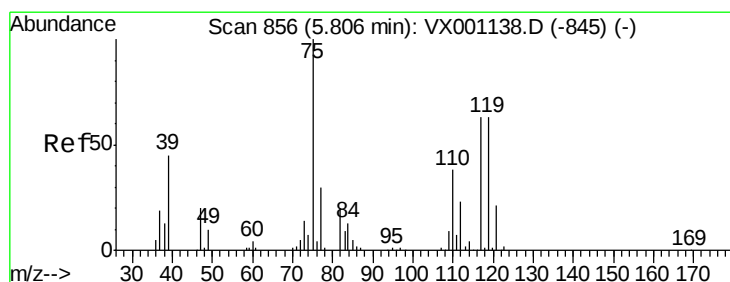
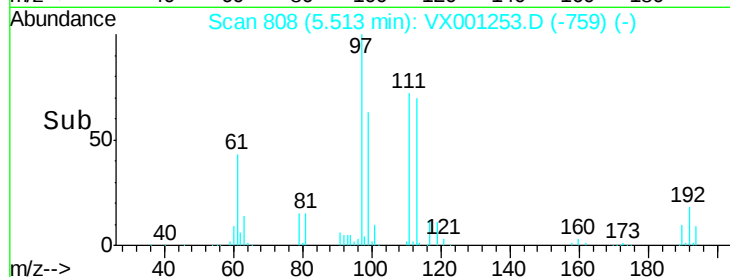
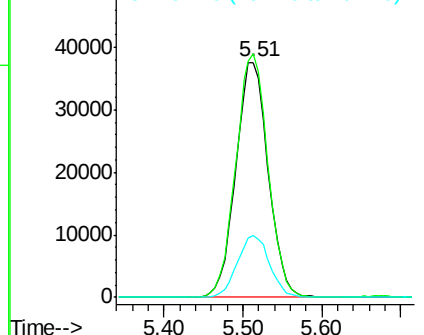
5/1/2018 7:44:59 PM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.89 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

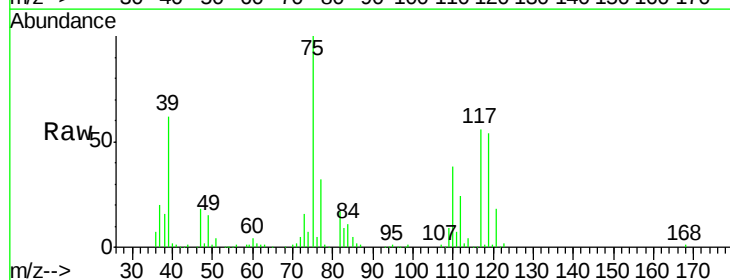
Tgt Ion: 75 Resp: 147672

Ion Ratio Lower Upper

75 100

110 37.6 19.0 57.0

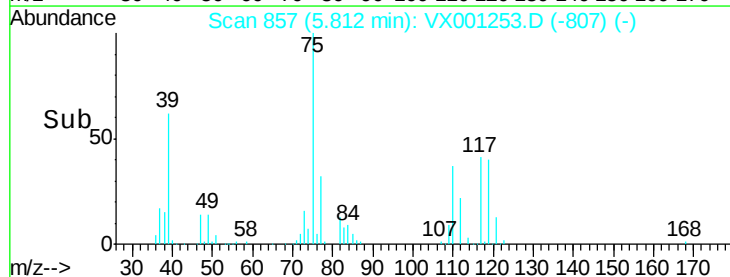
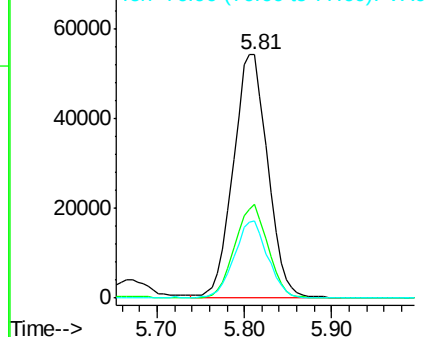
77 31.2 24.8 37.2

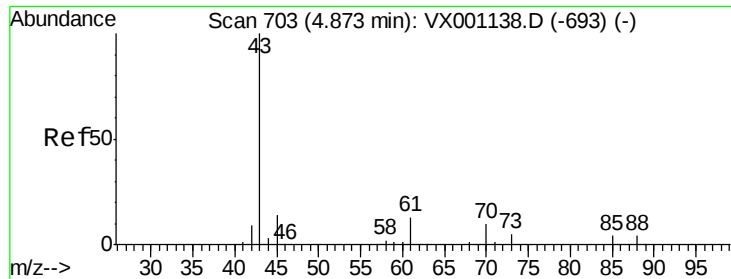


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





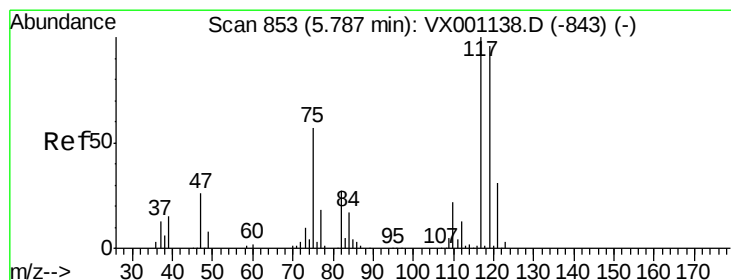
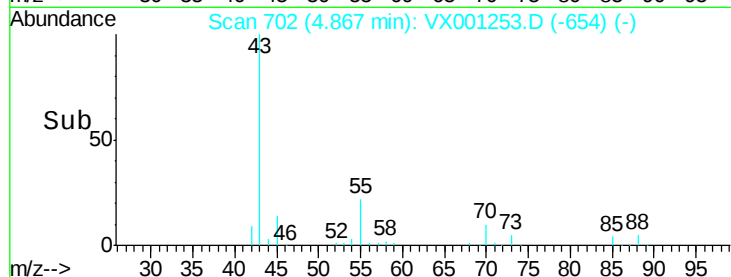
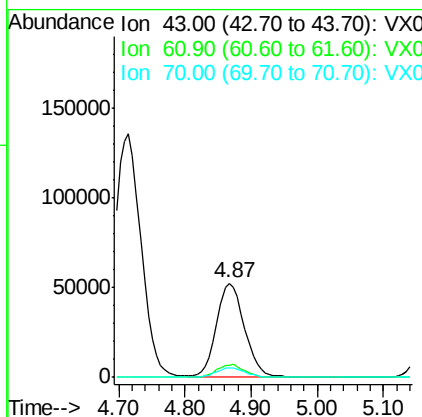
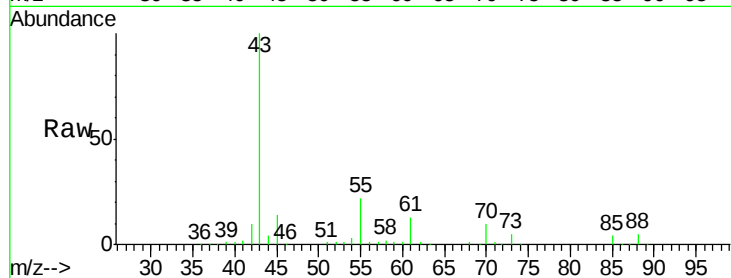
#37
Ethyl Acetate
Concen: 45.19 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	153981
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	10.2	8.2	12.2

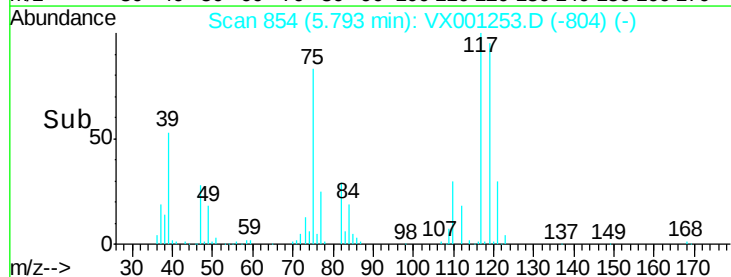
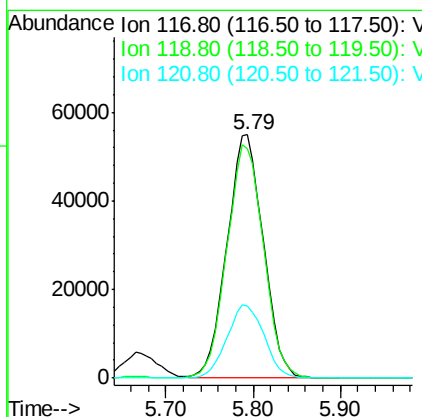
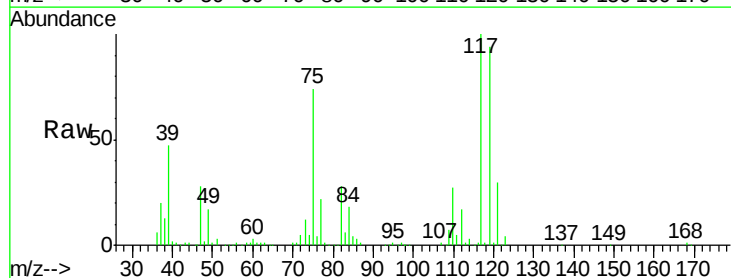
Manual Integrations
APPROVED

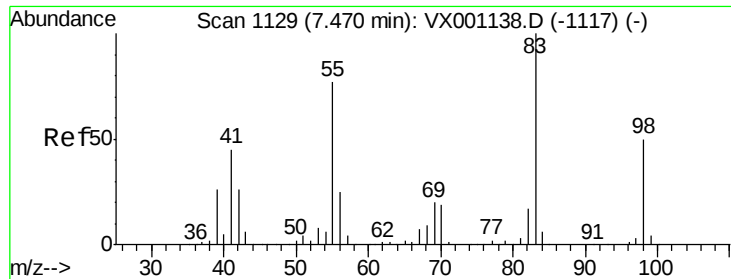
apatel
5/1/2018 7:44:59 PM



#38
Carbon Tetrachloride
Concen: 54.36 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion:	117	Resp:	158616
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.5	114.7
121	29.6	24.6	37.0





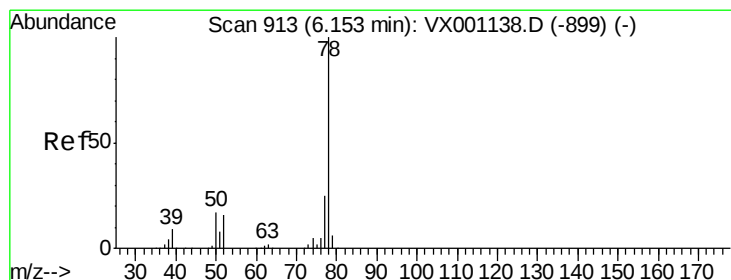
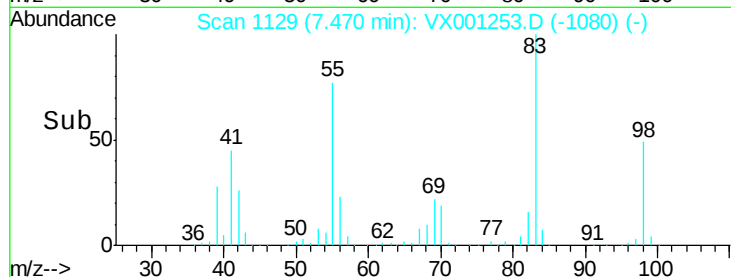
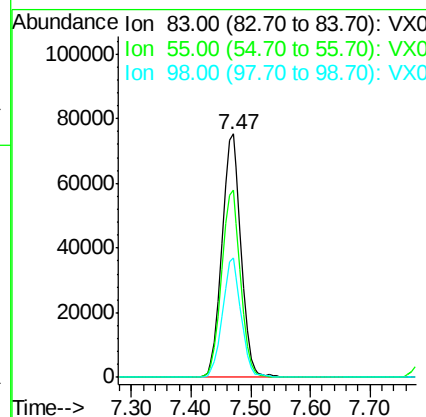
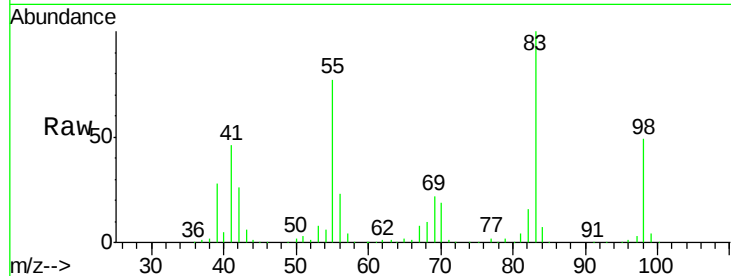
#39
Methvlcvclohexane
Concen: 53.21 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167577		
55	76.8	61.8	92.6	
98	48.9	40.0	60.0	

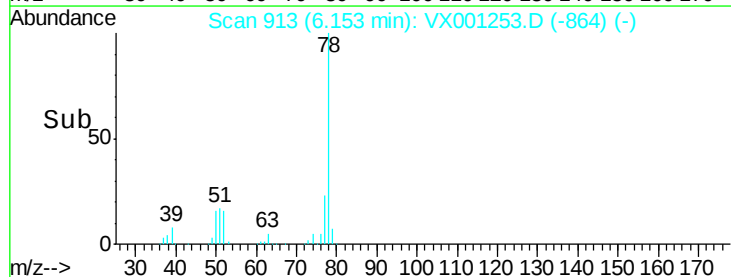
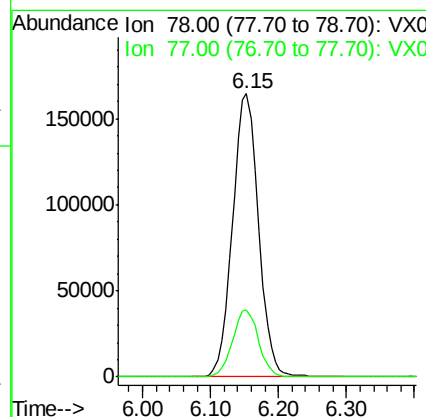
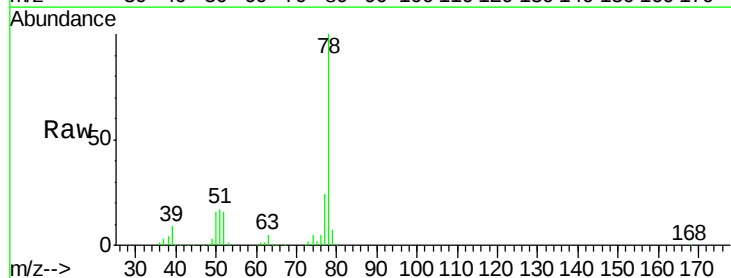
Manual Integrations
APPROVED

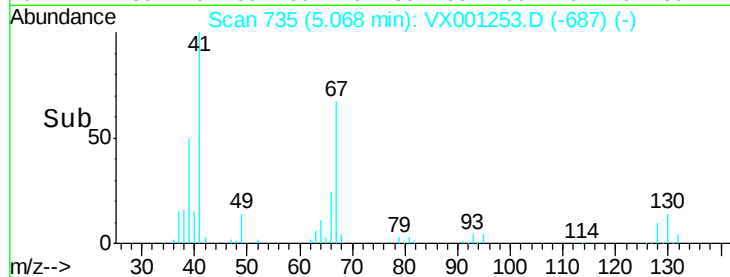
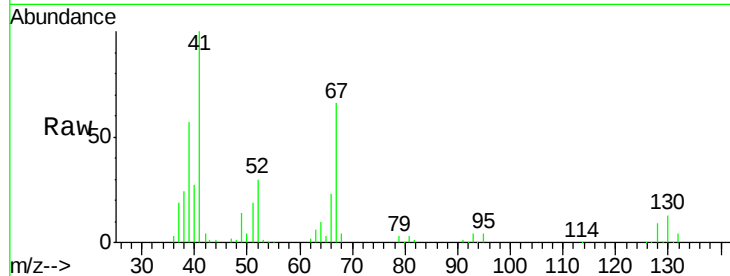
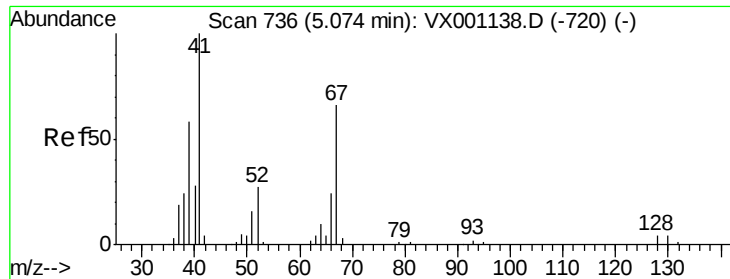
apatel
5/1/2018 7:44:59 PM



#40
Benzene
Concen: 52.76 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

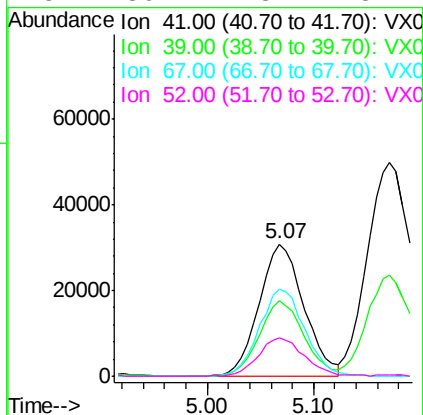
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	434280		
77	23.8	19.7	29.5	





#41
Methacrylonitrile
Concen: 47.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

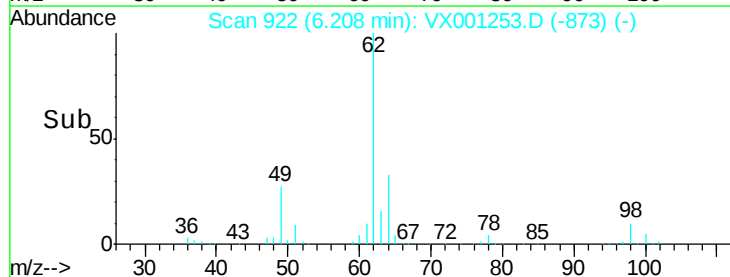
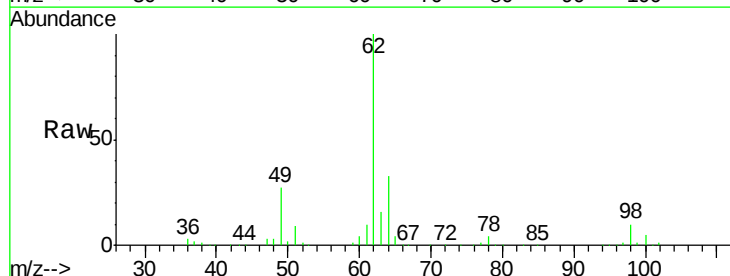
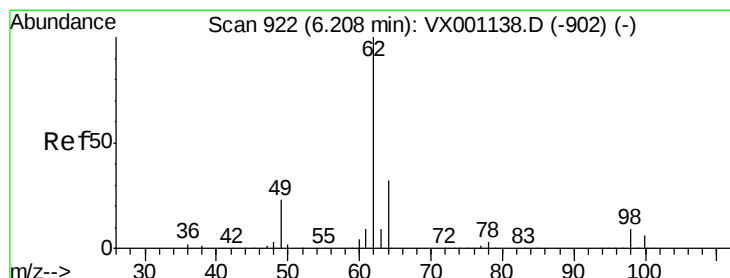
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	45.9	68.9	
67	67.0	53.2	79.8	
52	30.2	23.1	34.7	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

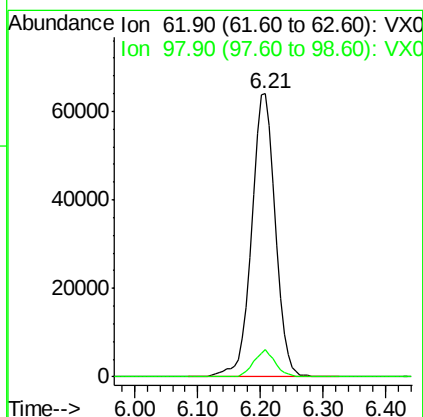
Manual Integrations
APPROVED

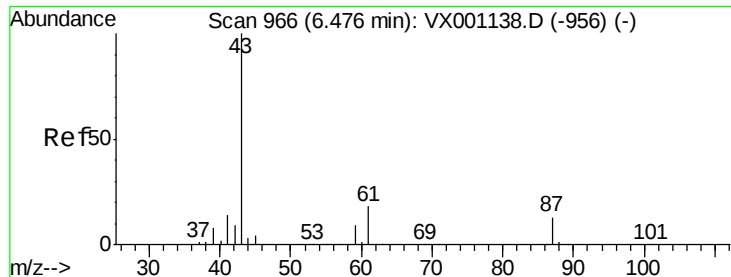
apatel
5/1/2018 7:44:59 PM



#42
1,2-Dichloroethane
Concen: 50.47 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.0	





#43

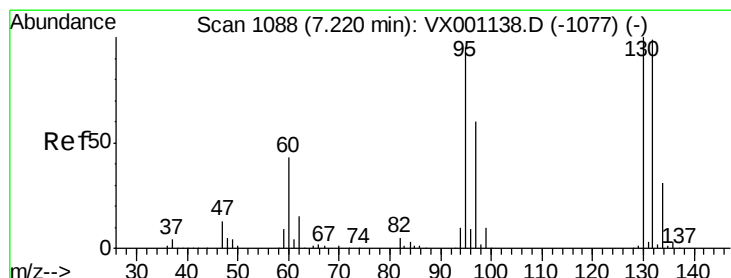
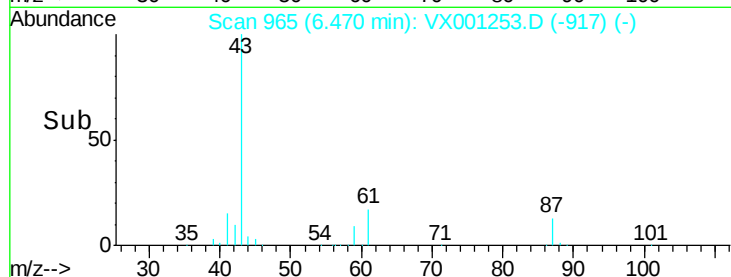
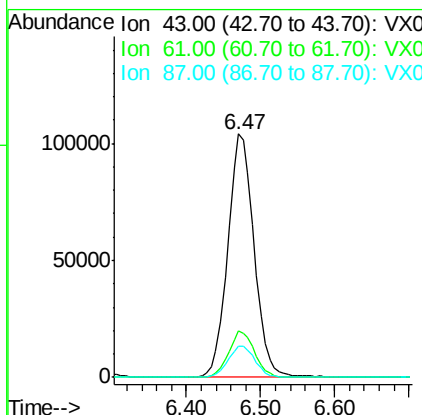
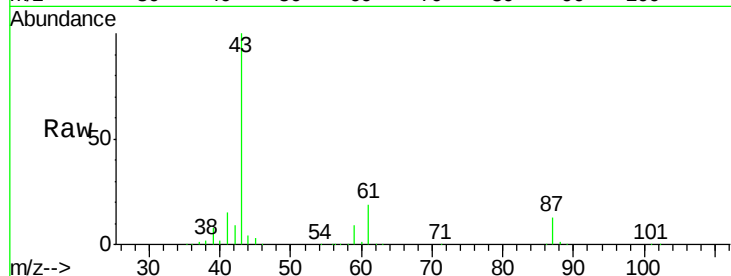
Isopropyl Acetate
 Concen: 47.86 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.0	22.6
87	13.1	10.3	15.5

Manual Integrations
 APPROVED

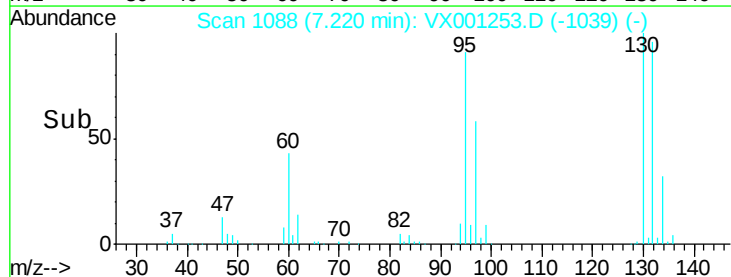
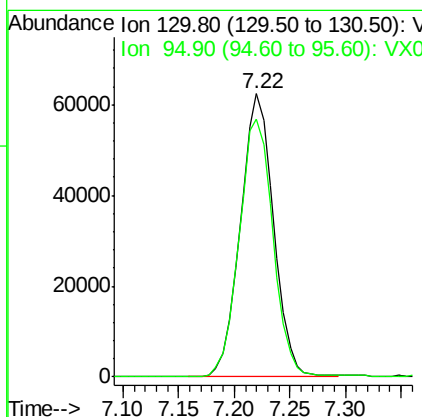
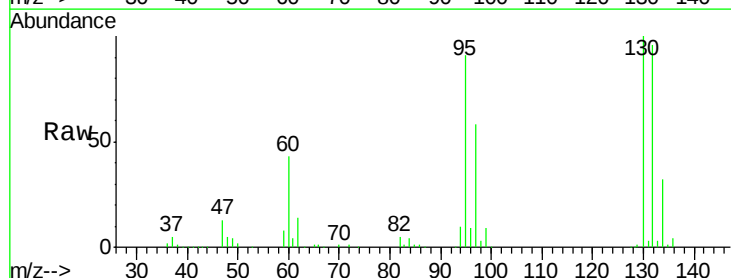
apatel
 5/1/2018 7:44:59 PM

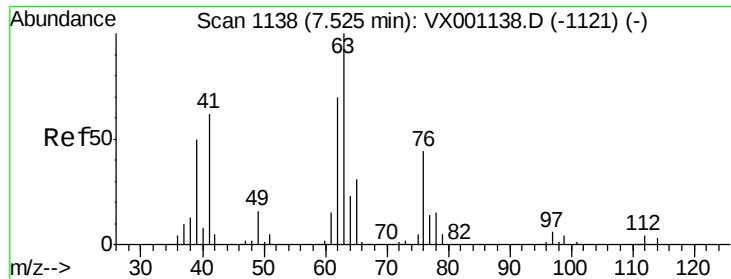


#44

Trichloroethene
 Concen: 52.73 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	189.6





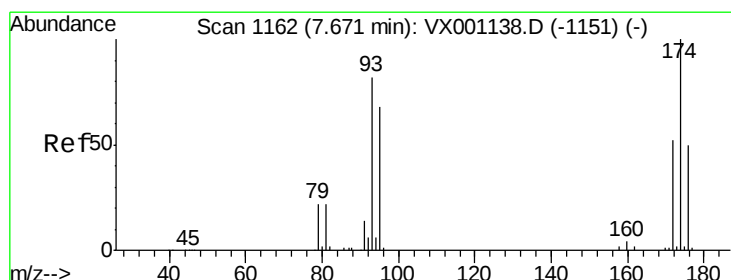
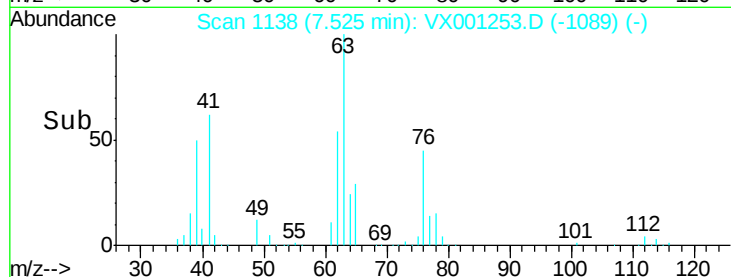
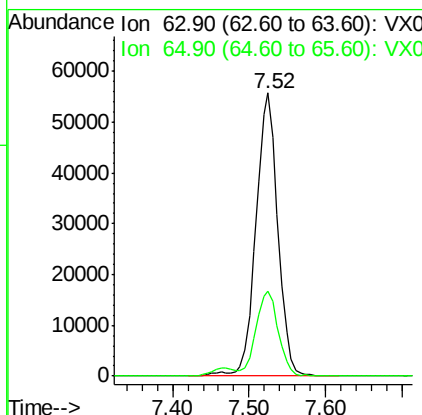
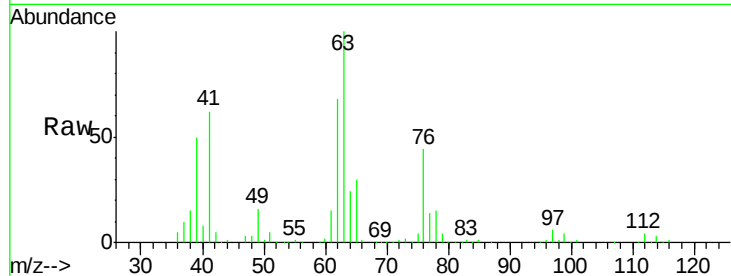
#45
 1,2-Dichloropropane
 Concen: 51.59 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 111699
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3

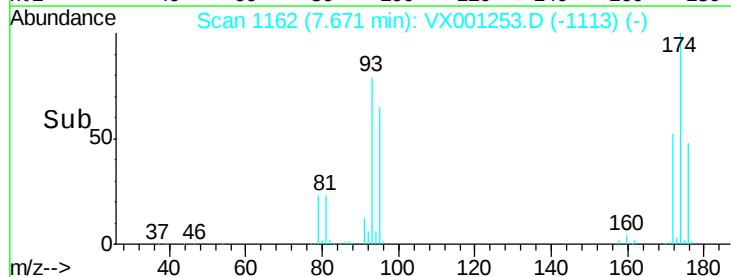
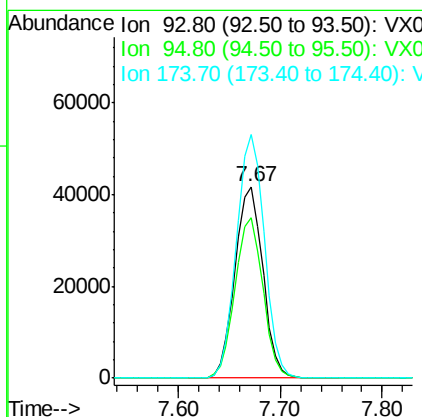
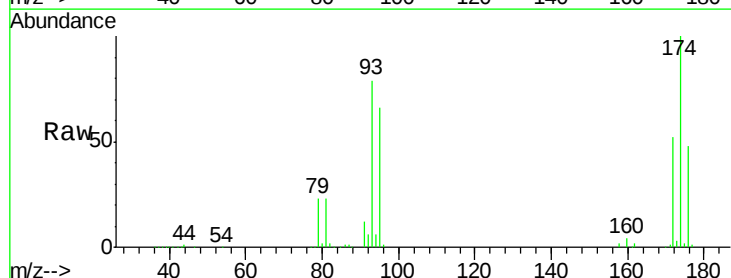
Manual Integrations
 APPROVED

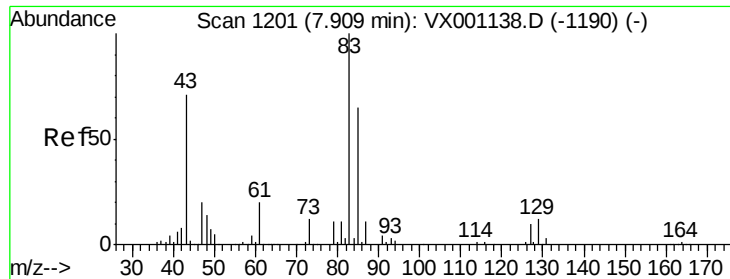
apatel
 5/1/2018 7:44:59 PM



#46
 Dibromomethane
 Concen: 52.91 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion: 93 Resp: 79328
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 126.9 99.6 149.4





#47

Bromodichloromethane

Concen: 54.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

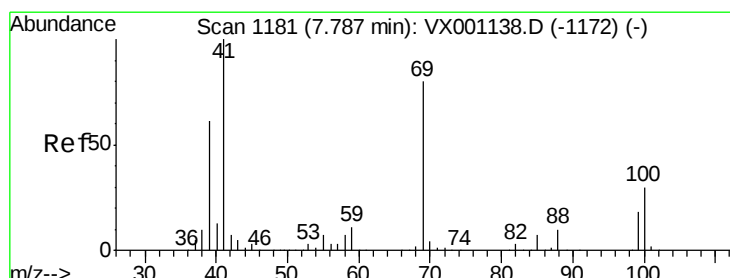
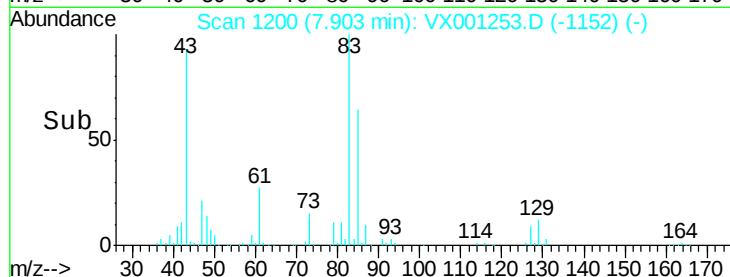
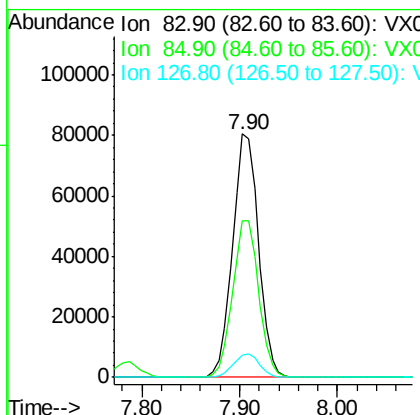
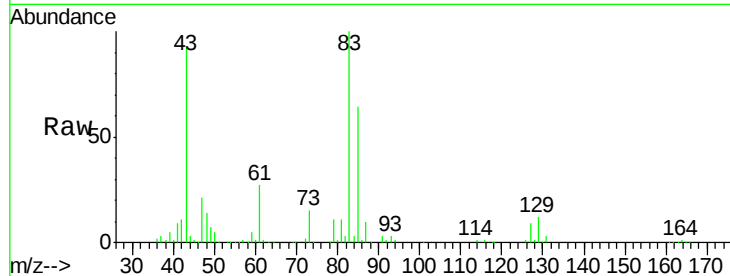
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	148149
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9
127	9.0	7.7	11.5

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#48

Methyl methacrylate

Concen: 47.65 ug/l

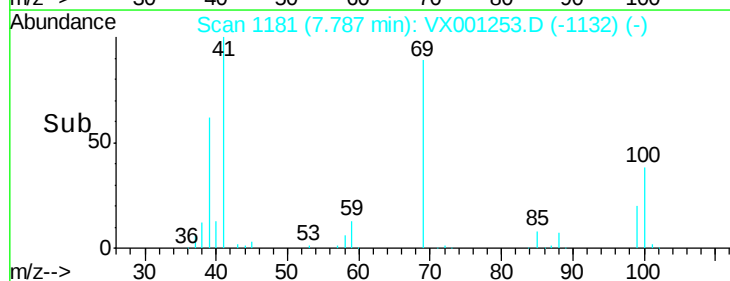
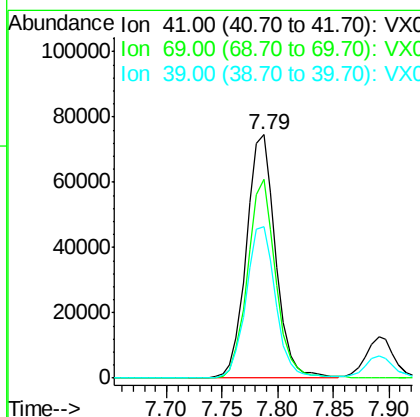
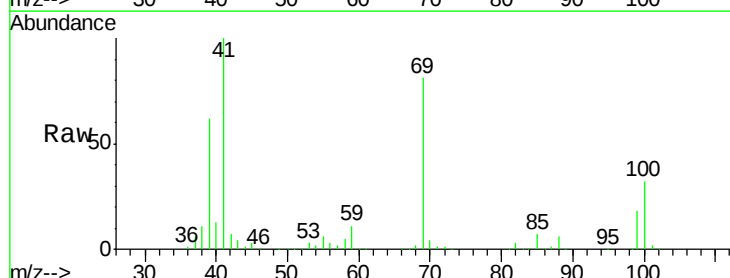
RT: 7.79 min Scan# 1181

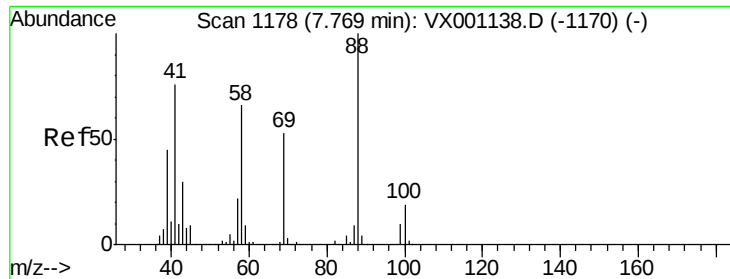
Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	41	Resp:	135543
Ion	Ratio	Lower	Upper
41	100		
69	79.2	62.4	93.6
39	63.1	48.7	73.1





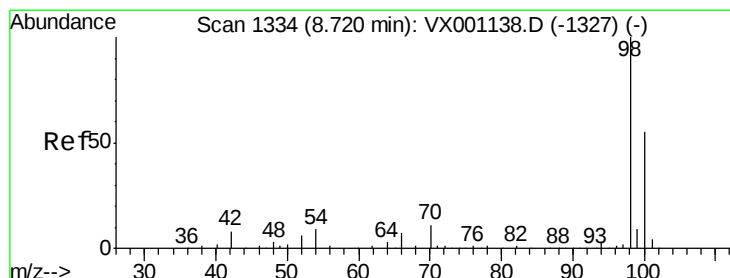
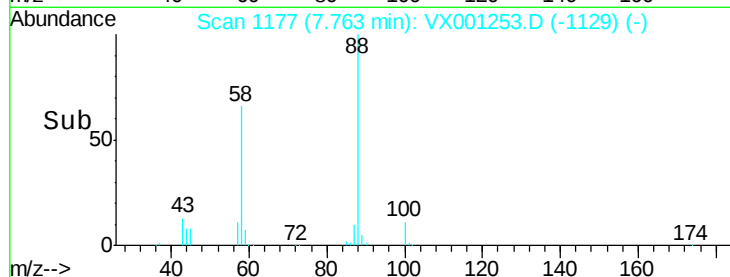
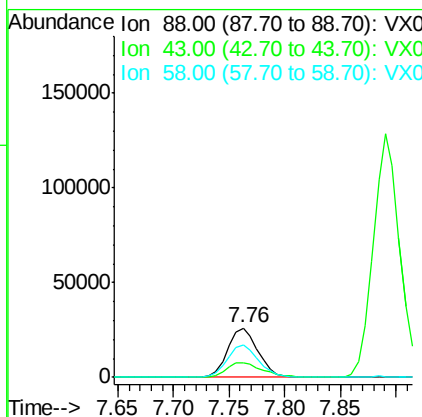
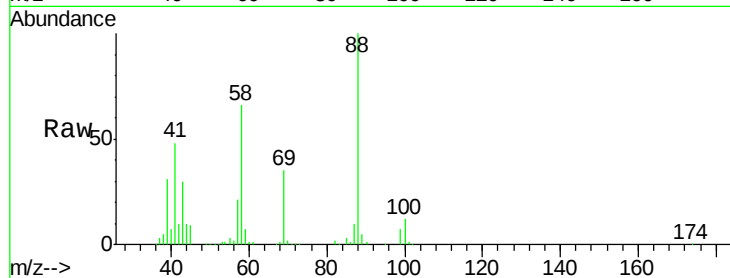
#49
1,4-Dioxane
Concen: 863.30 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.3	40.9
58	68.5	54.2	81.4

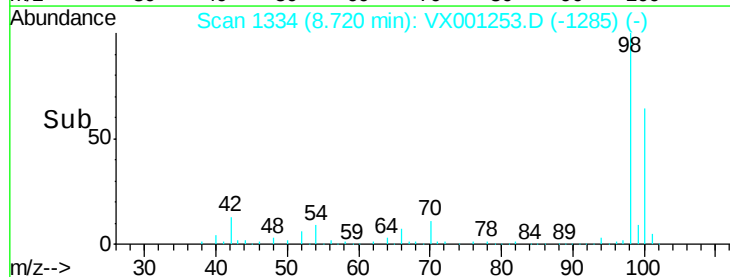
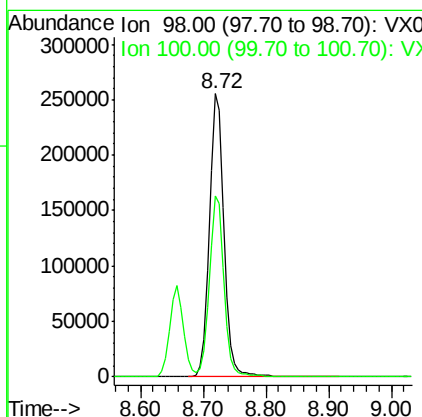
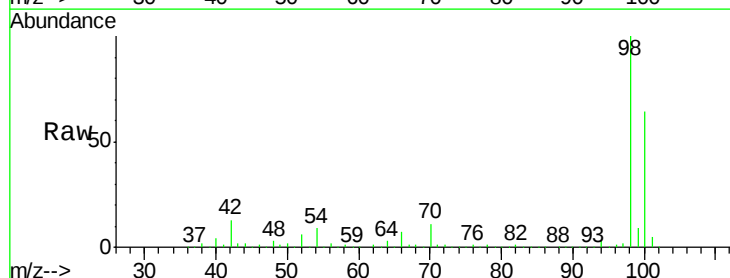
Manual Integrations
APPROVED

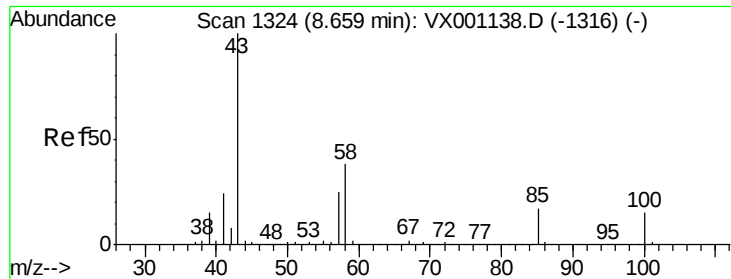
apatel
5/1/2018 7:44:59 PM



#50
Toluene-d8
Concen: 50.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 239.16 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 840762

Ion Ratio Lower Upper

43 100

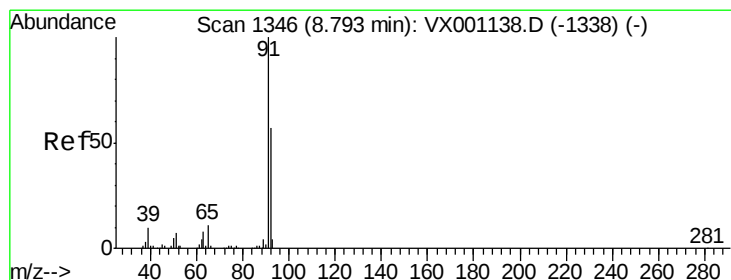
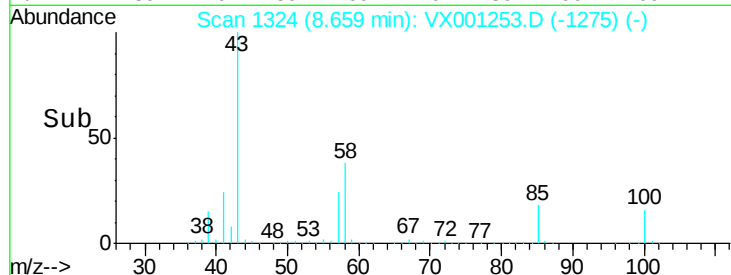
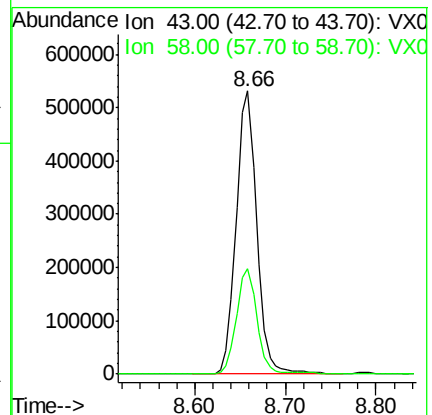
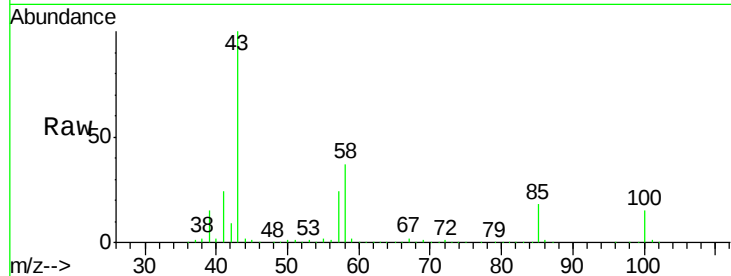
58 37.0 30.2 45.2

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:59 PM



#52

Toluene

Concen: 54.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001253.D

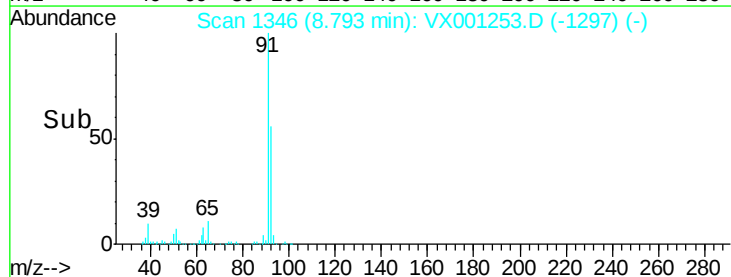
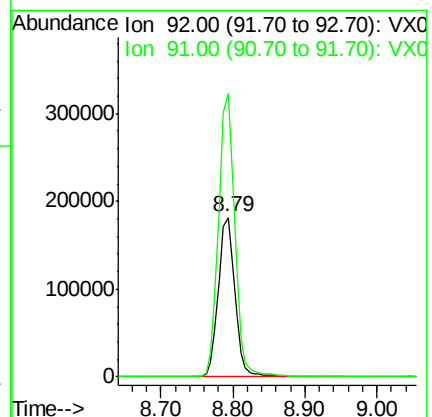
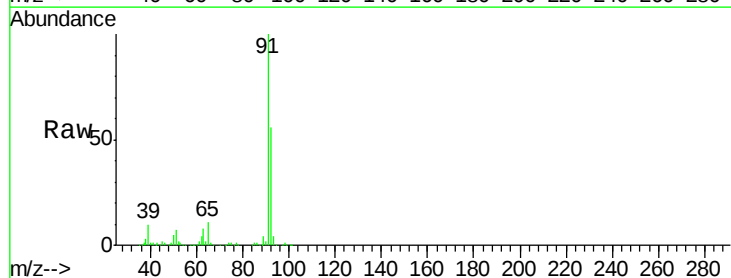
Acq: 29 Apr 2018 09:25

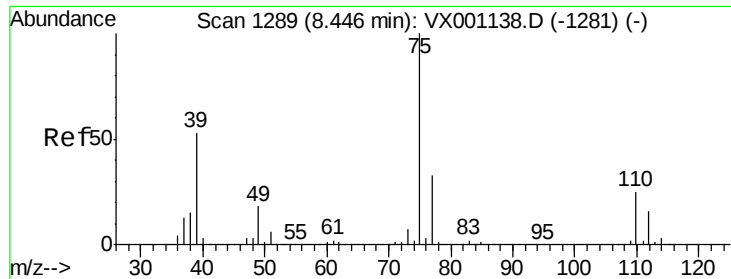
Tgt Ion: 92 Resp: 290783

Ion Ratio Lower Upper

92 100

91 175.6 139.8 209.6





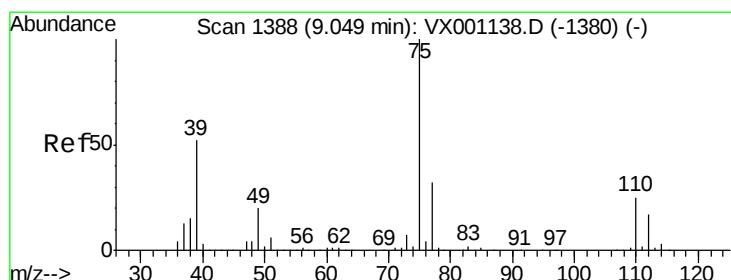
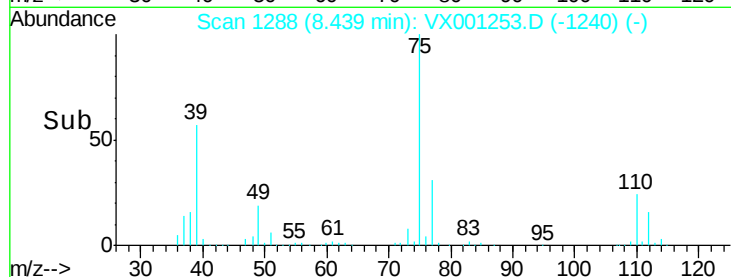
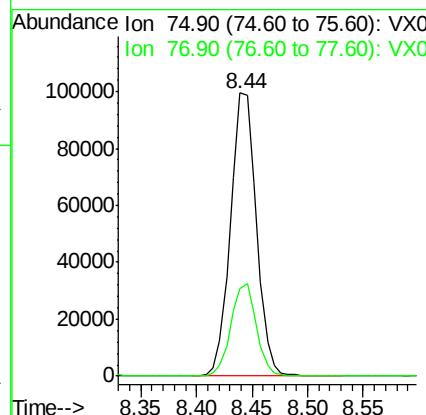
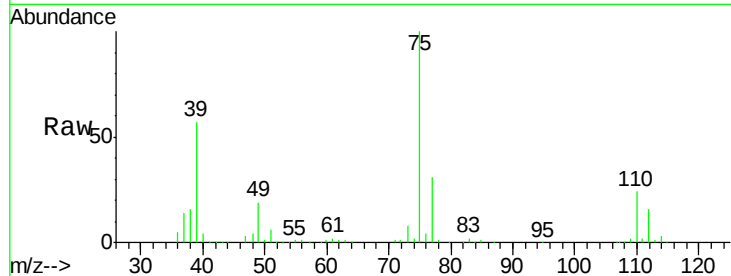
#53
t-1,3-Dichloropropene
Concen: 50.67 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 160443
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4

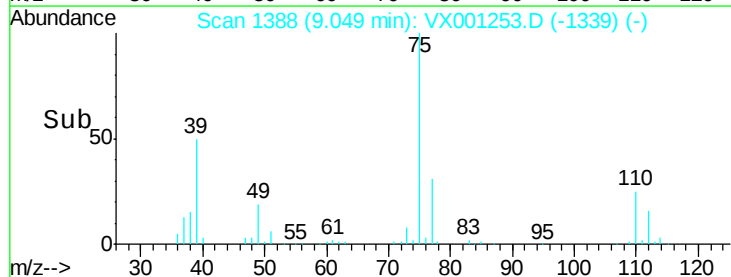
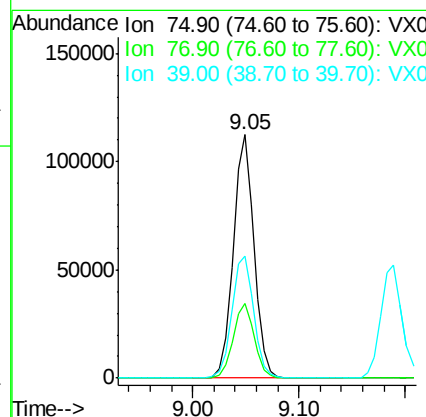
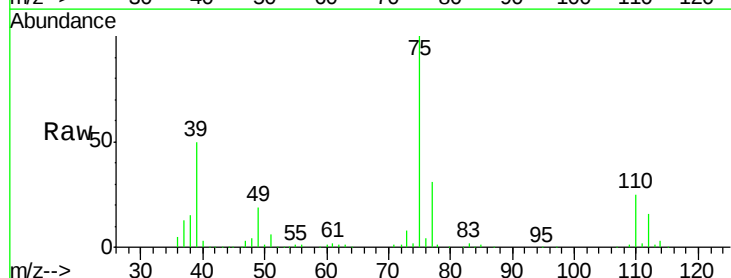
Manual Integrations
APPROVED

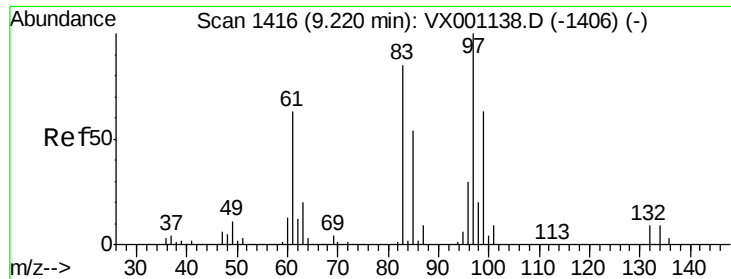
apatel
5/1/2018 7:44:59 PM



#54
cis-1,3-Dichloropropene
Concen: 44.84 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion: 75 Resp: 152936
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 50.0 42.0 63.0





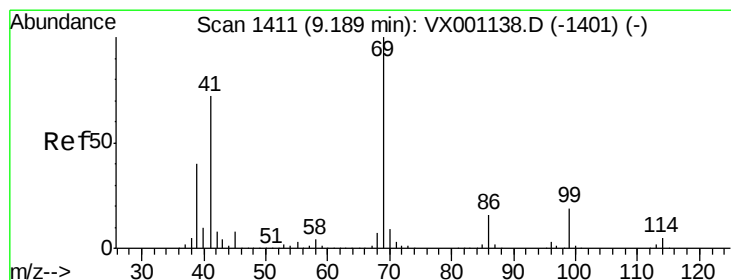
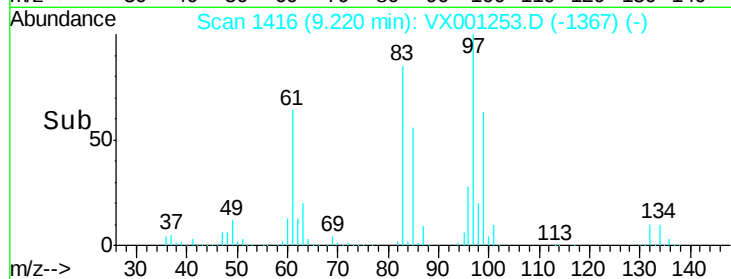
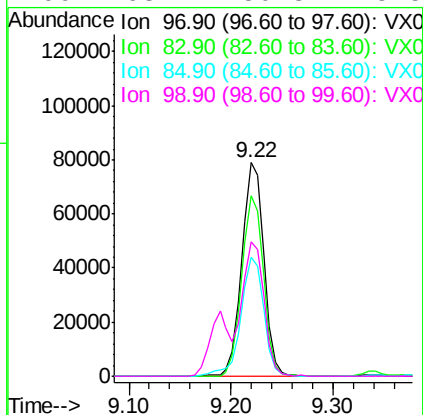
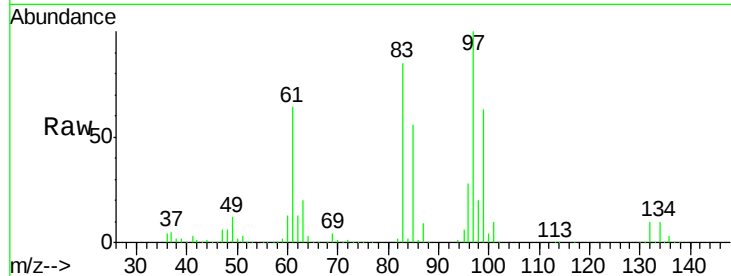
#55
 1,1,2-Trichloroethane
 Concen: 51.69 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.7	68.0	102.0		
85	55.6	42.9	64.3		
99	63.1	50.3	75.5		

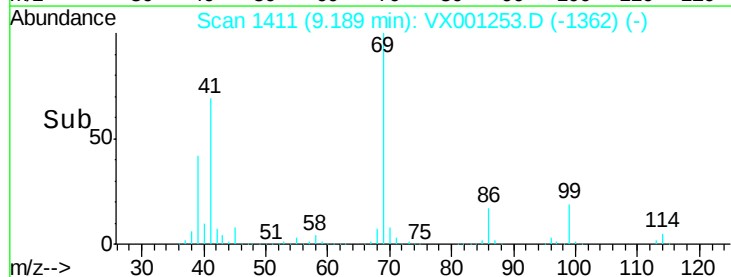
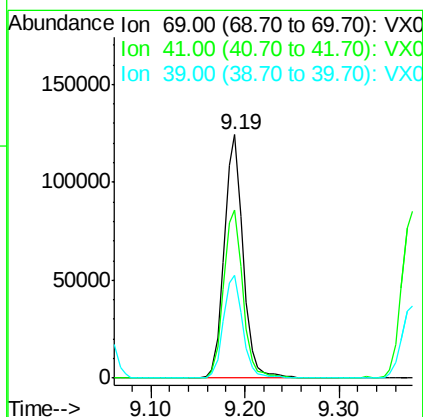
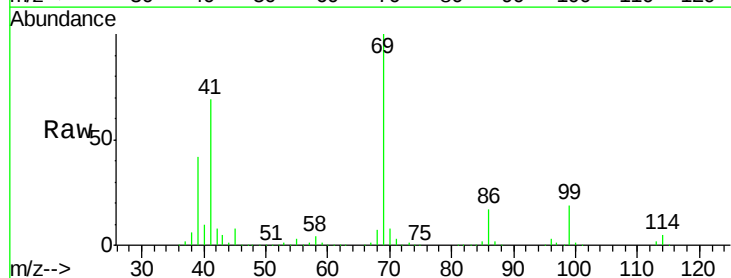
Manual Integrations
 APPROVED

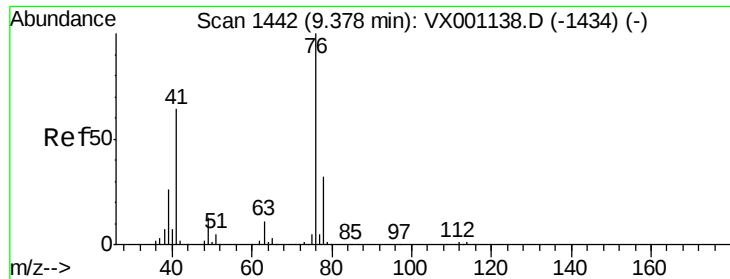
apatel
 5/1/2018 7:44:59 PM



#56
 Ethyl methacrylate
 Concen: 51.09 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	70.6	57.7	86.5		
39	43.3	33.3	49.9		





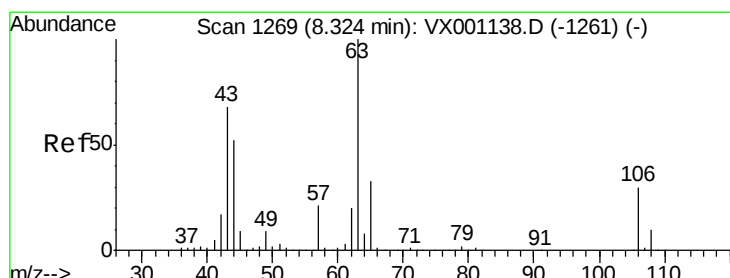
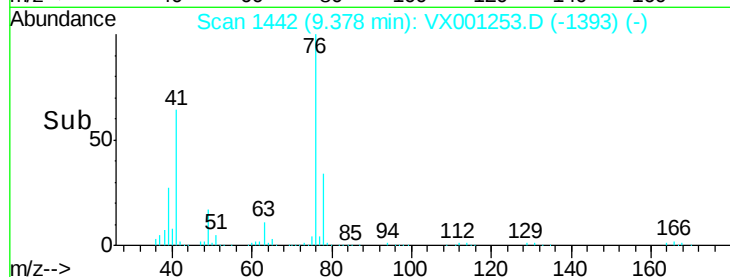
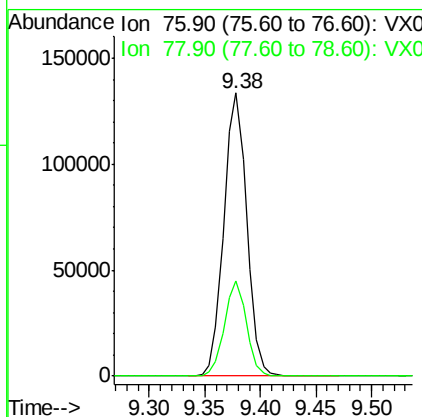
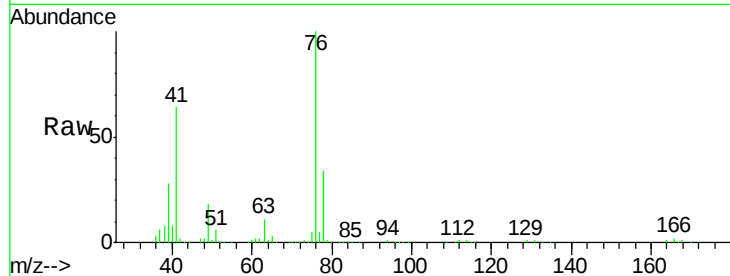
#57
 1,3-Dichloropropane
 Concen: 51.67 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

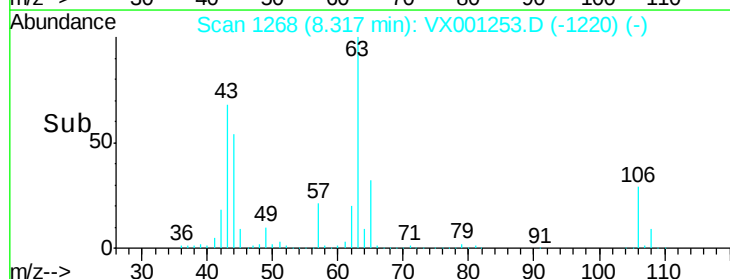
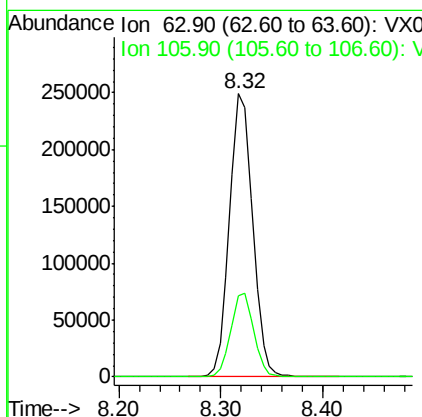
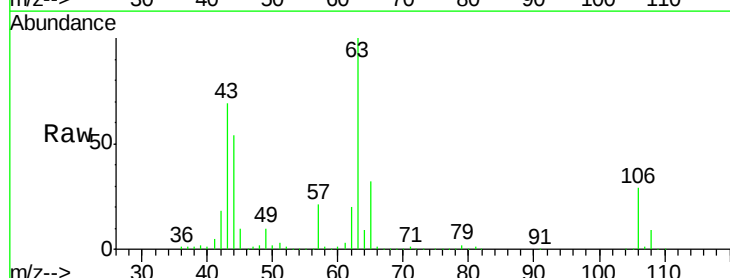
Manual Integrations
 APPROVED

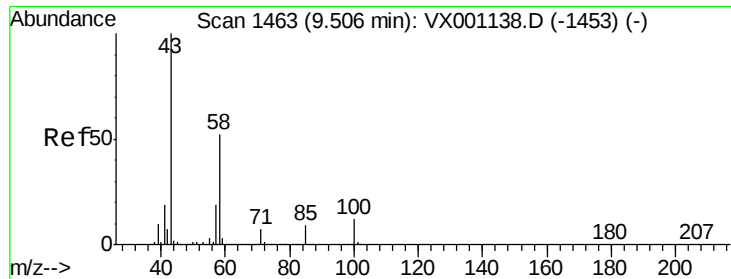
apatel
 5/1/2018 7:44:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.22 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.7	35.5





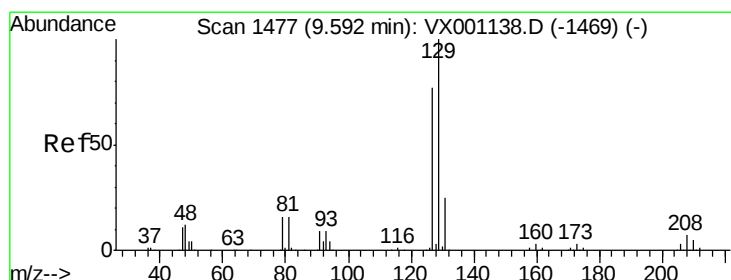
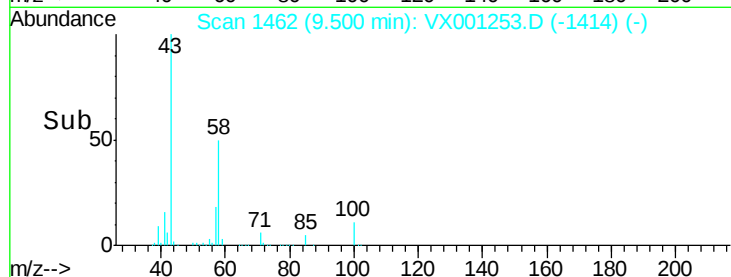
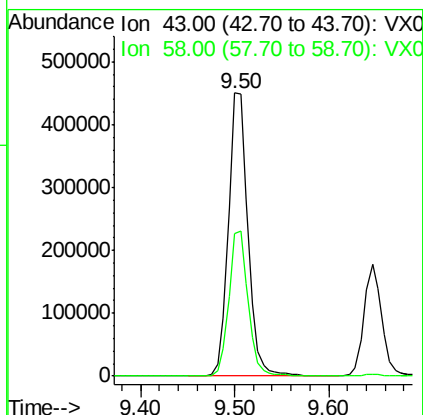
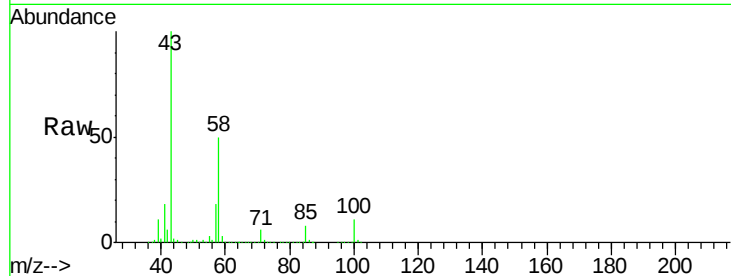
#59
2-Hexanone
Concen: 235.55 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 648806
Ion Ratio Lower Upper
43 100
58 50.5 25.8 77.4

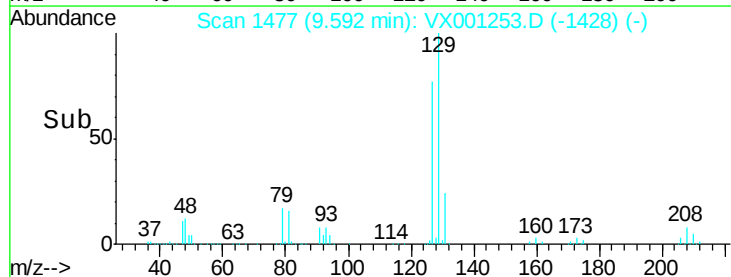
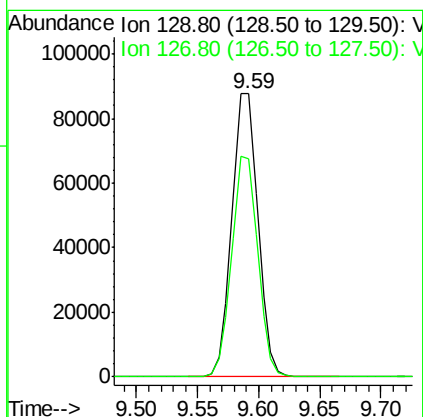
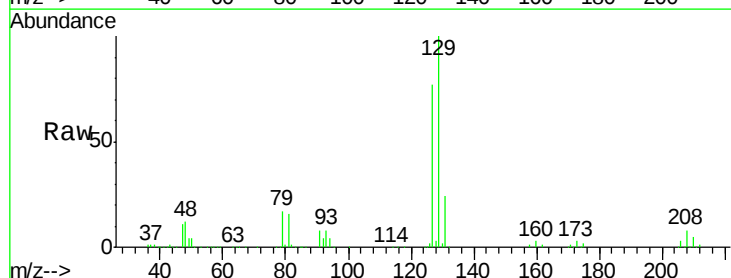
Manual Integrations
APPROVED

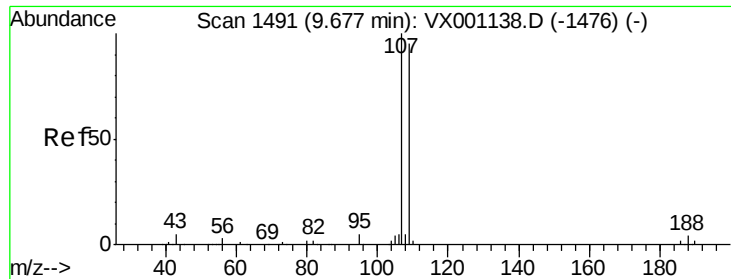
apatel
5/1/2018 7:44:59 PM



#60
Dibromochloromethane
Concen: 48.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion: 129 Resp: 129199
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 127342

Ion Ratio Lower Upper

107 100

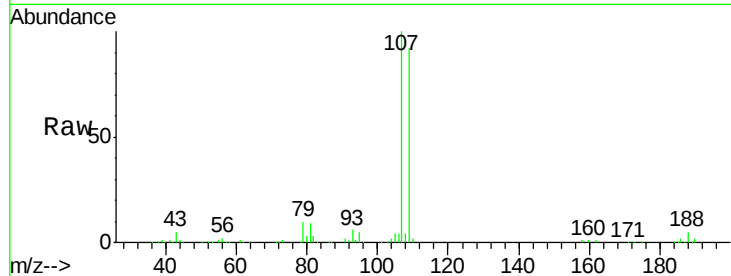
109 94.7 75.2 112.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:59 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

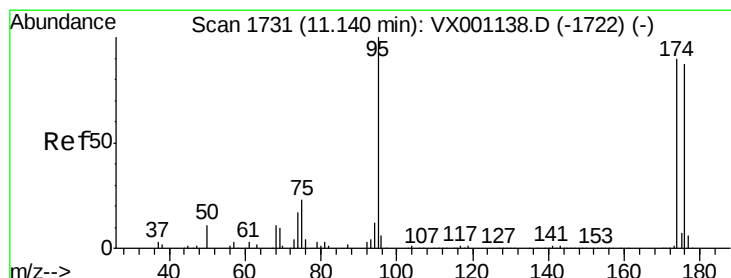
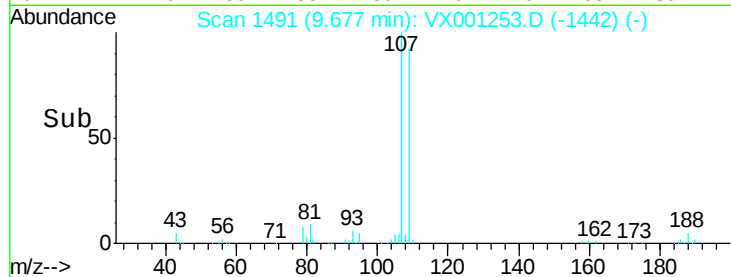
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

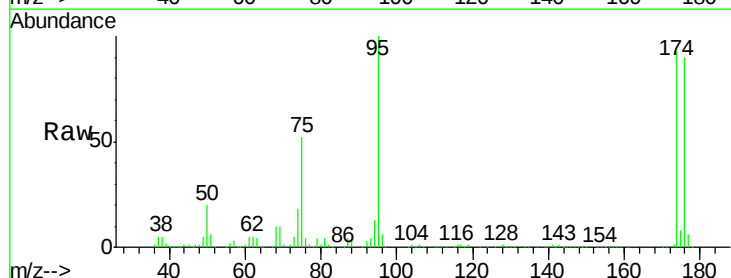
Tgt Ion: 95 Resp: 158817

Ion Ratio Lower Upper

95 100

174 101.9 0.0 194.4

176 99.6 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

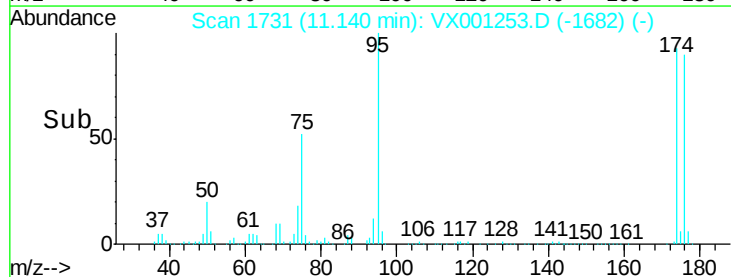
150000

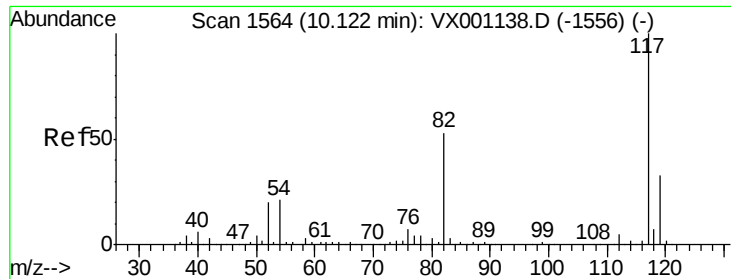
100000

50000

0

Time-->





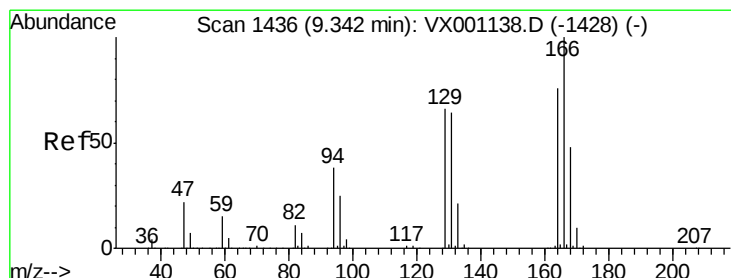
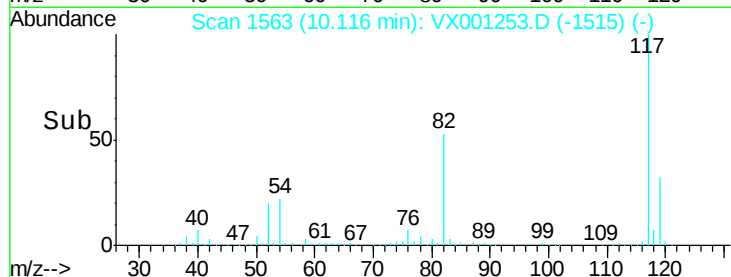
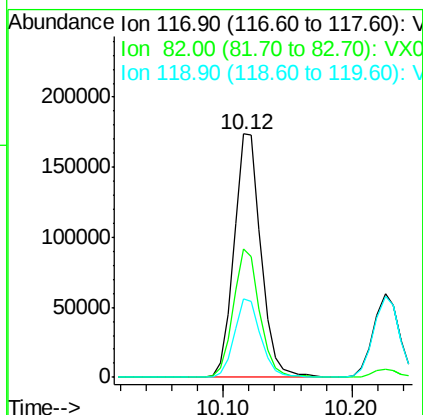
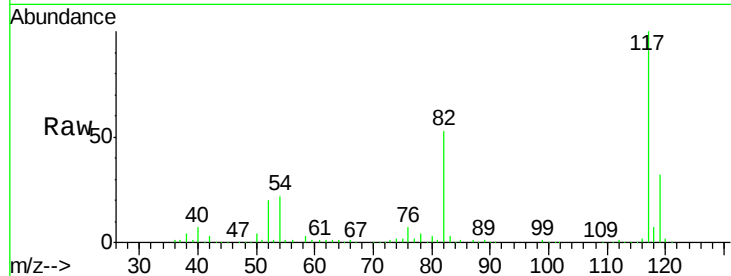
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.1	26.1	39.1

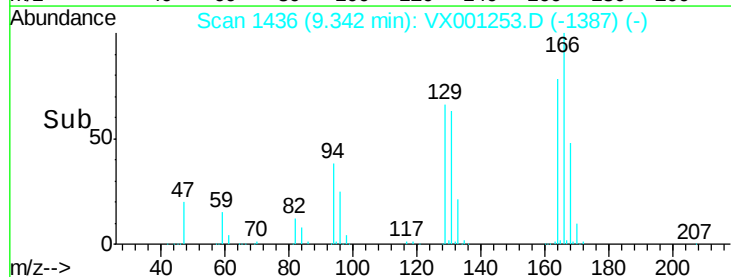
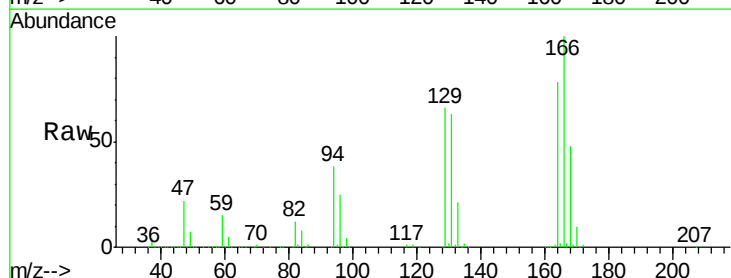
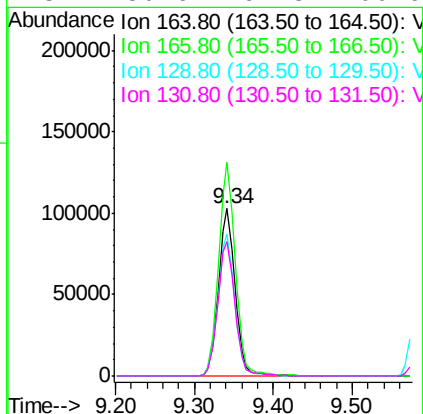
Manual Integrations
APPROVED

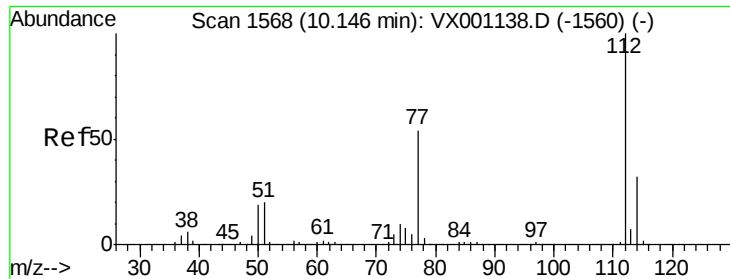
apatel
5/1/2018 7:44:59 PM



#64
Tetrachloroethene
Concen: 56.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	105.0	157.6
129	84.7	69.4	104.2
131	80.6	67.3	100.9





#65

Chlorobenzene

Concen: 51.47 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 340625

Ion Ratio Lower Upper

112 100

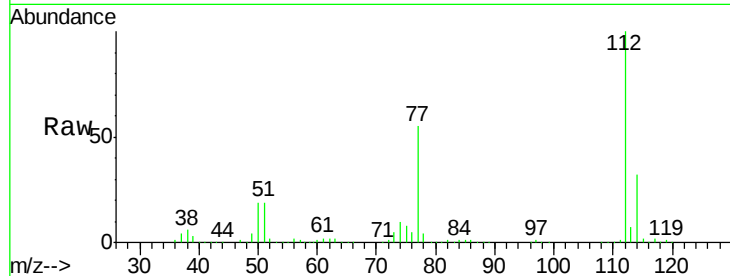
114 32.1 25.7 38.5

Manual Integrations

APPROVED

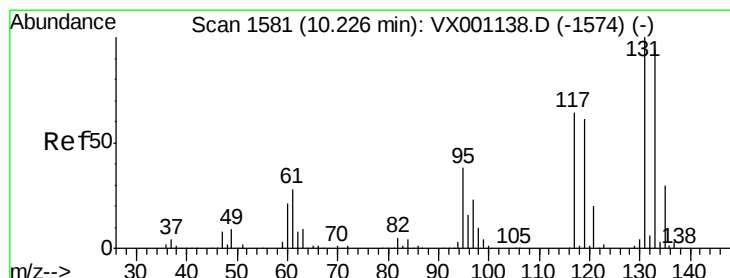
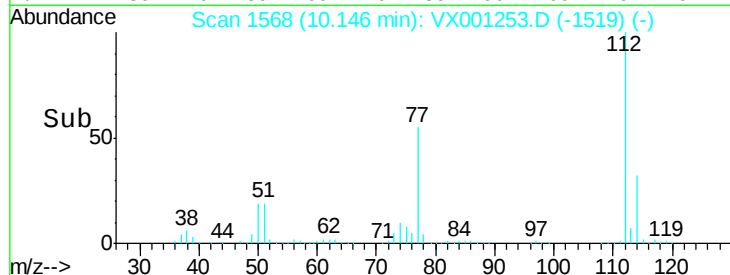
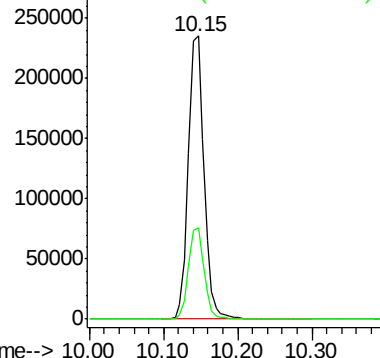
apatel

5/1/2018 7:44:59 PM



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: 55.24 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

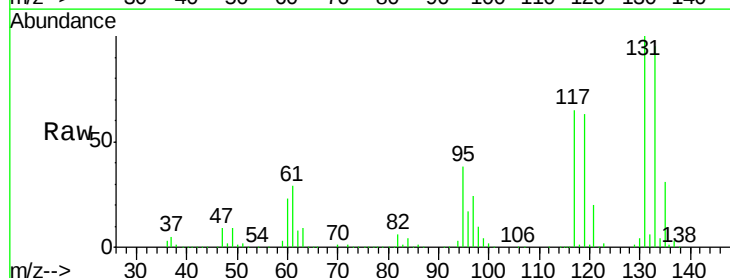
Tgt Ion:131 Resp: 126478

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.4

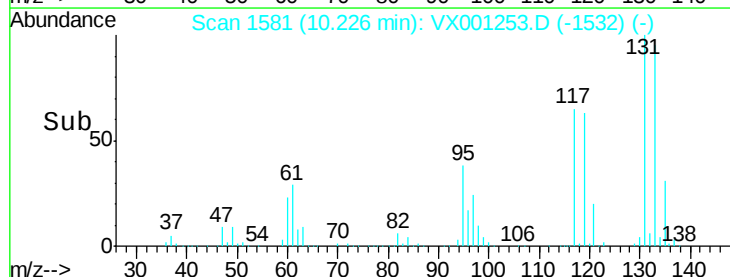
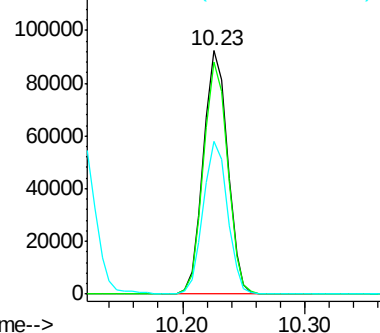
119 62.8 31.3 93.8

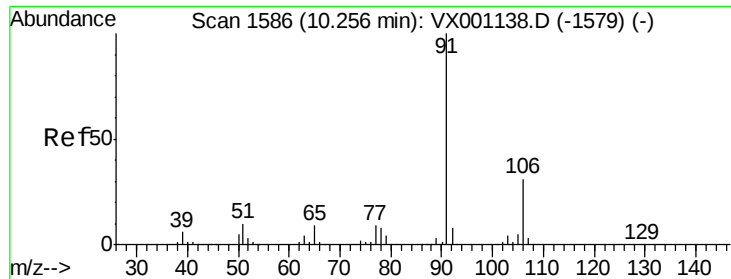


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





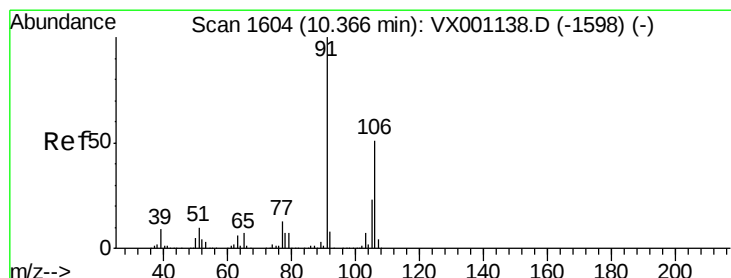
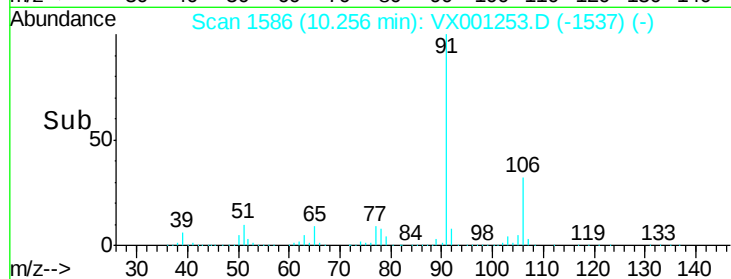
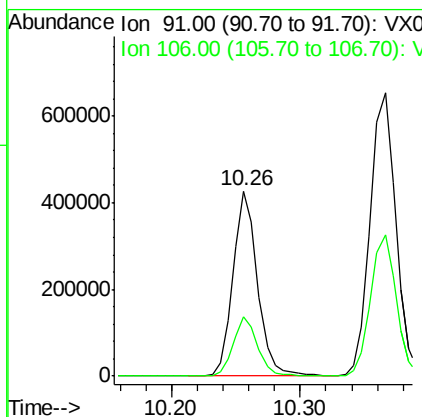
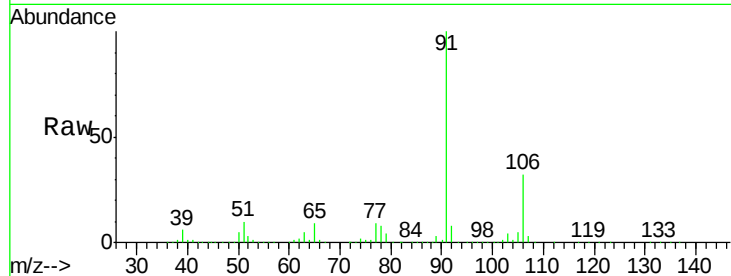
#67
Ethyl Benzene
Concen: 52.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 569825
Ion Ratio Lower Upper
91 100
106 32.3 24.8 37.2

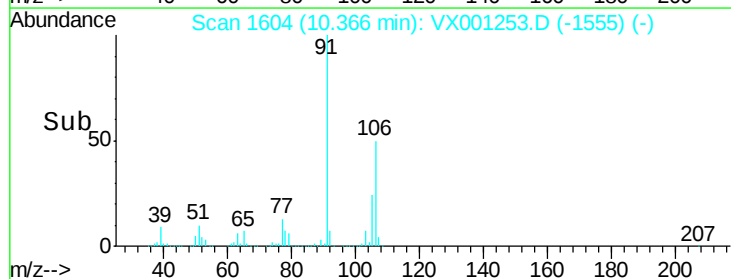
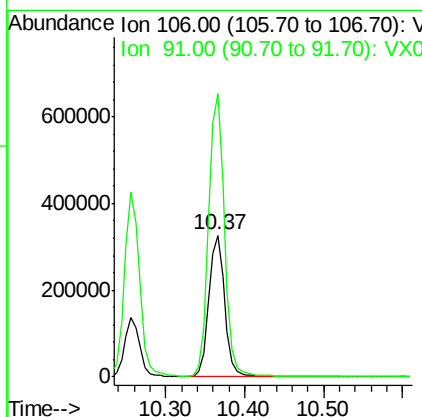
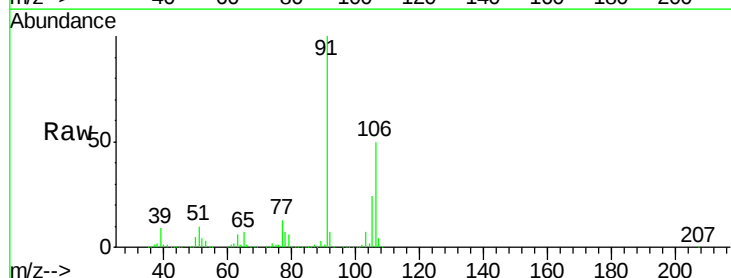
Manual Integrations
APPROVED

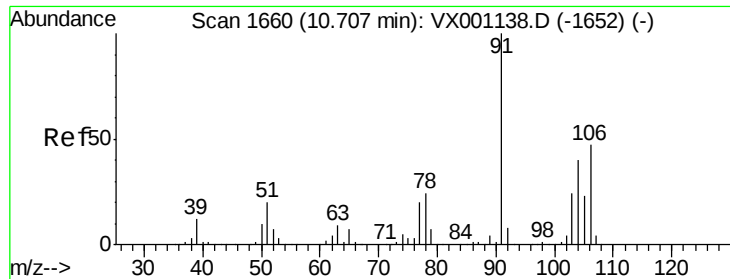
apatel
5/1/2018 7:44:59 PM



#68
m/p-Xylenes
Concen: 106.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion: 106 Resp: 454282
Ion Ratio Lower Upper
106 100
91 200.4 160.9 241.3





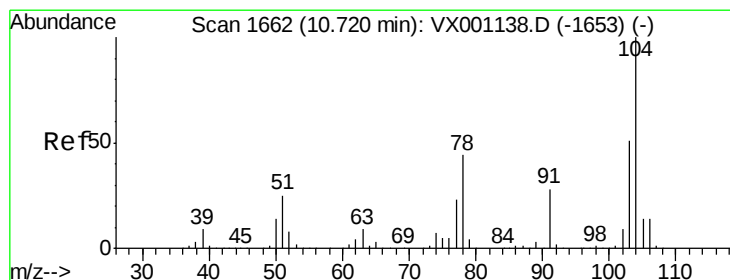
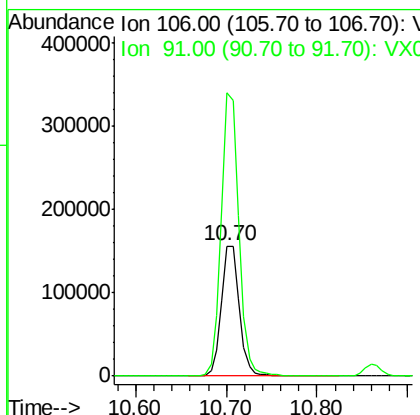
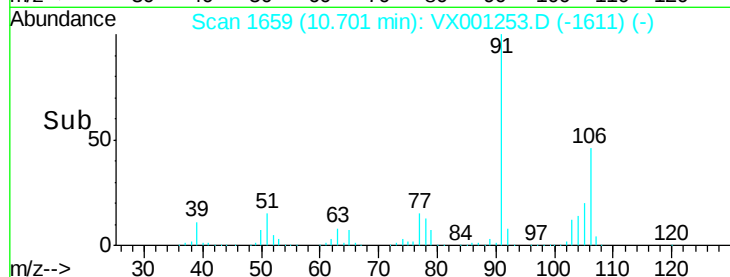
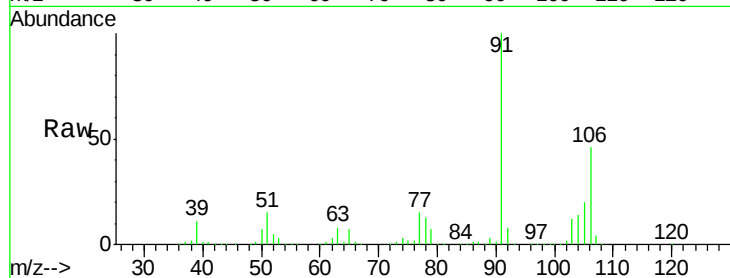
#69
o-Xylene
Concen: 52.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 217980
Ion Ratio Lower Upper
106 100
91 214.0 106.2 318.5

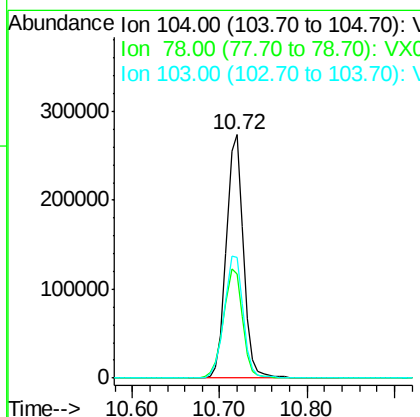
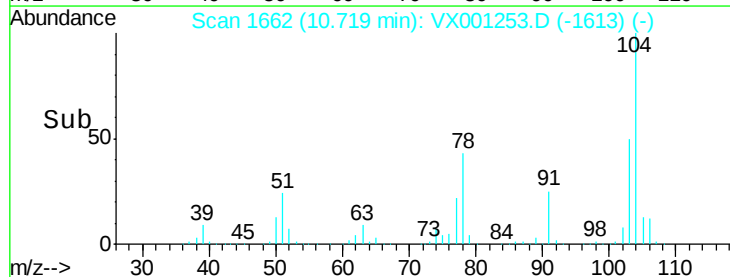
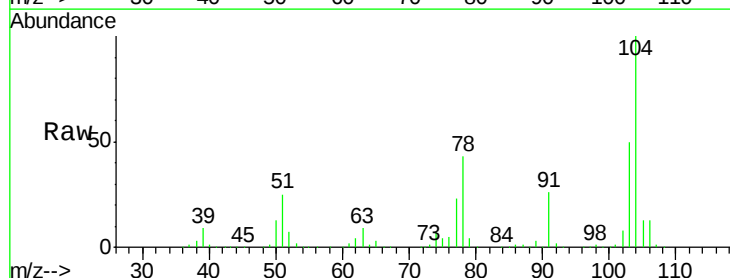
Manual Integrations
APPROVED

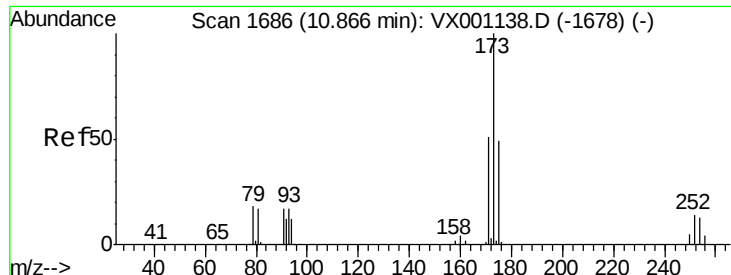
apatel
5/1/2018 7:44:59 PM



#70
Styrene
Concen: 54.09 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion:104 Resp: 371131
Ion Ratio Lower Upper
104 100
78 49.9 40.3 60.5
103 55.5 44.3 66.5





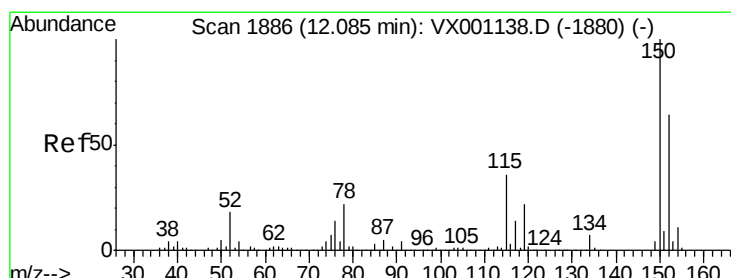
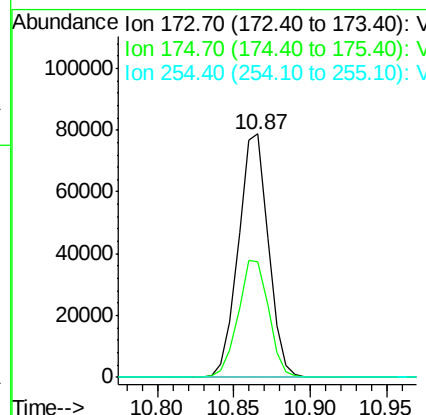
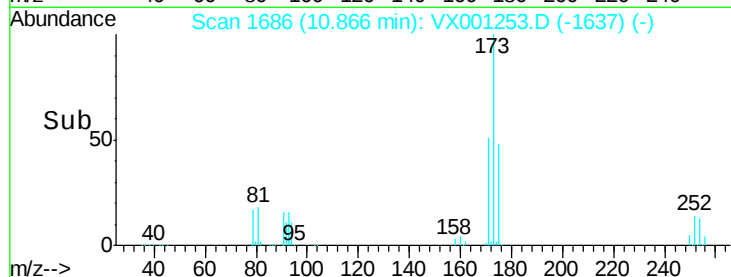
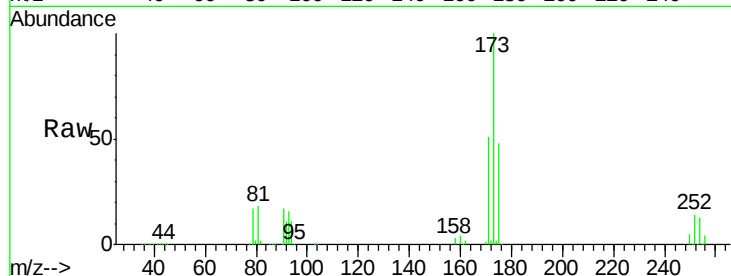
#71
Bromoform
Concen: 44.91 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.8
254	0.2	0.2	0.2

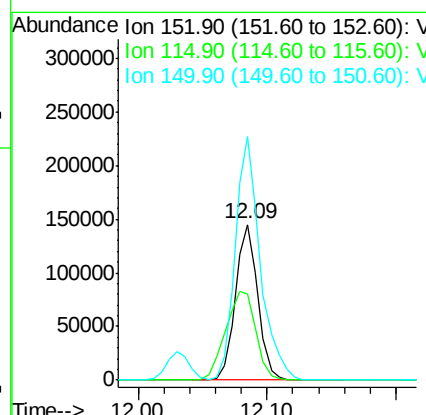
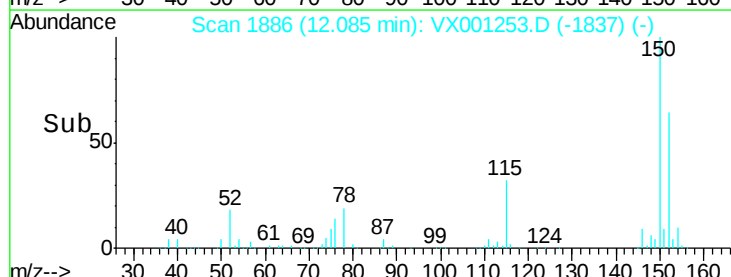
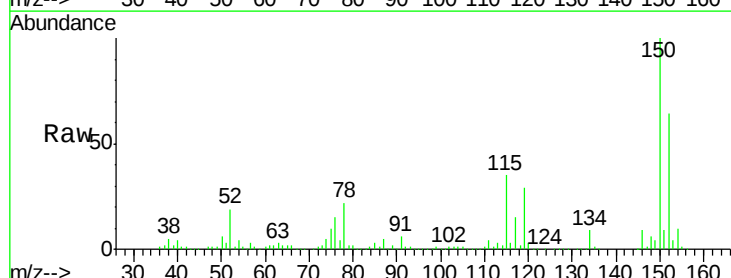
Manual Integrations
APPROVED

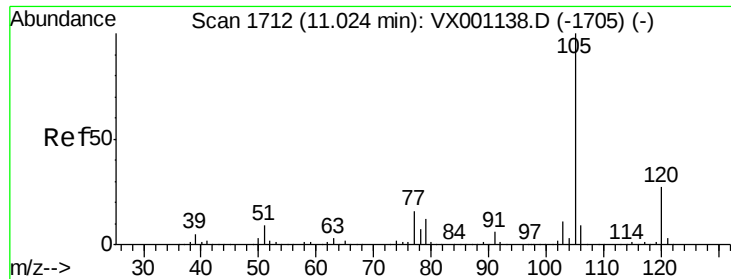
apatel
5/1/2018 7:44:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001253.D
Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	38.0	114.0
150	174.1	0.0	349.6





#73

Isopropylbenzene

Concen: 51.69 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 592861

Ion Ratio Lower Upper

105 100

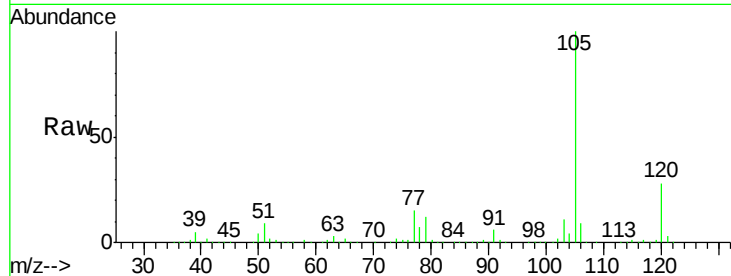
120 27.3 13.6 40.8

Manual Integrations

APPROVED

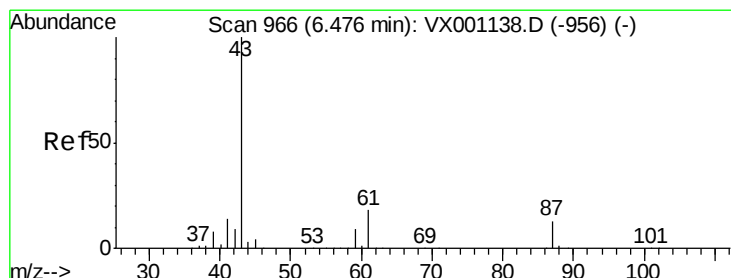
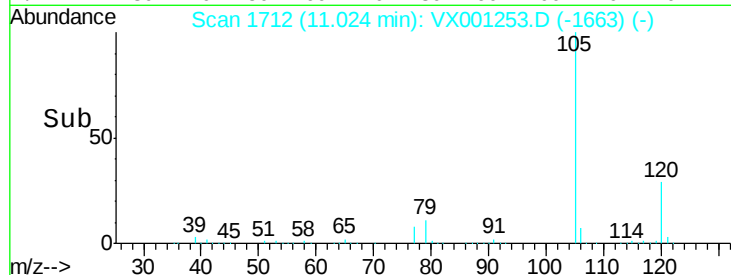
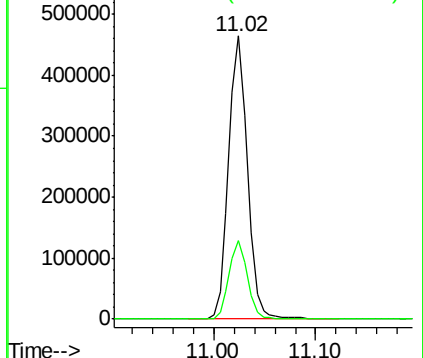
apatel

5/1/2018 7:44:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.32 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion: 43 Resp: 256141

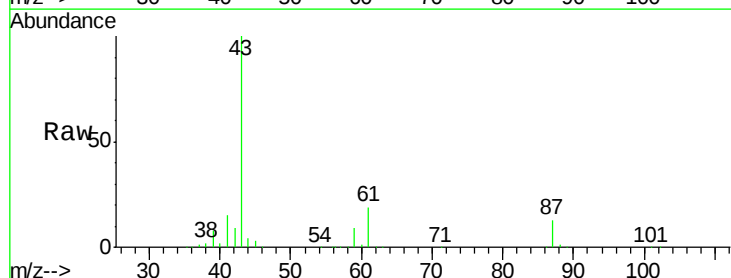
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.9 15.0 22.6

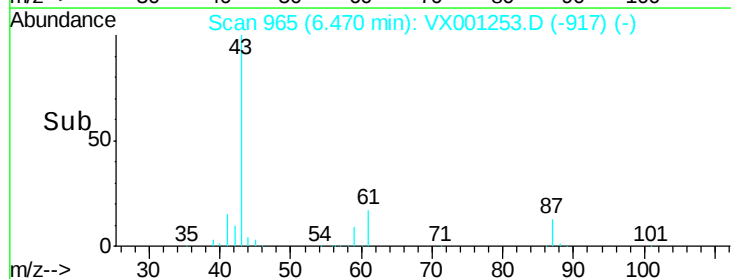
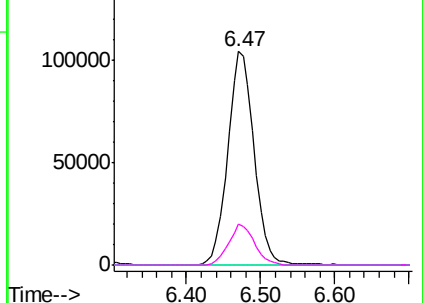


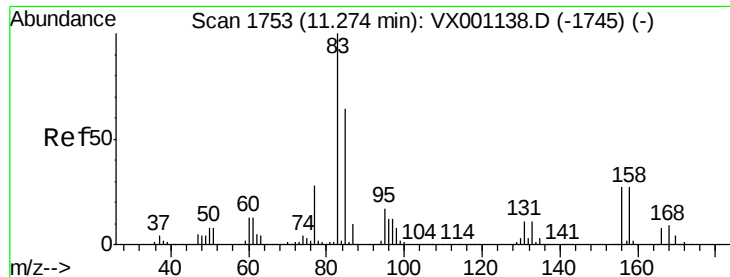
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 181772

Ion Ratio Lower Upper

83 100

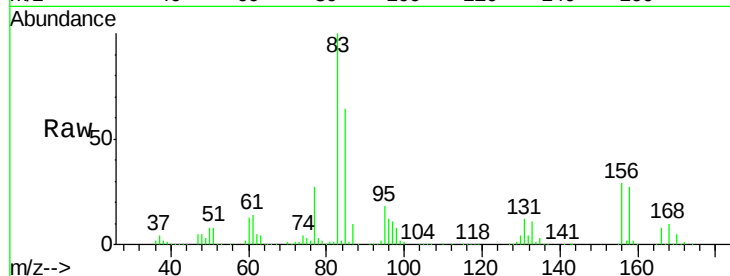
131 11.5 5.8 17.4

85 64.4 32.1 96.3

Manual Integrations
APPROVED

apatel

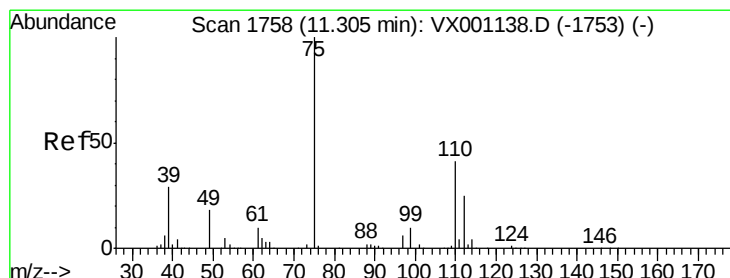
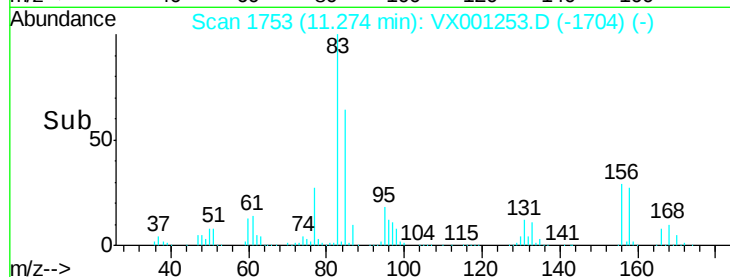
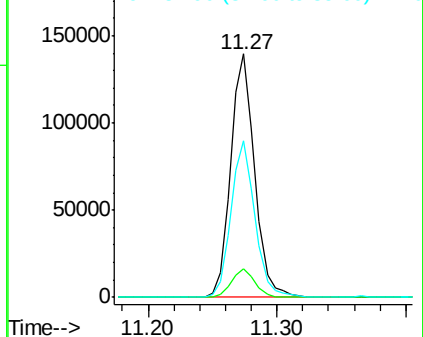
5/1/2018 7:44:59 PM



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



#76

1,2,3-Trichloropropane

Concen: 46.14 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001253.D

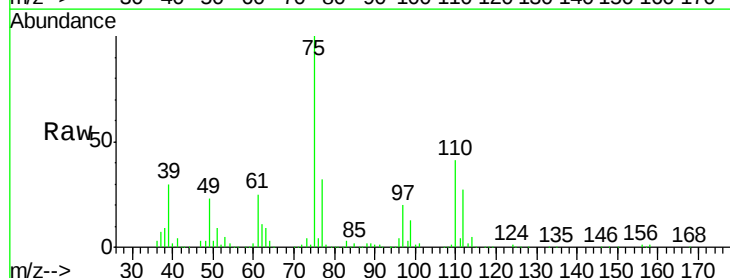
Acq: 29 Apr 2018 09:25

Tgt Ion: 75 Resp: 165345

Ion Ratio Lower Upper

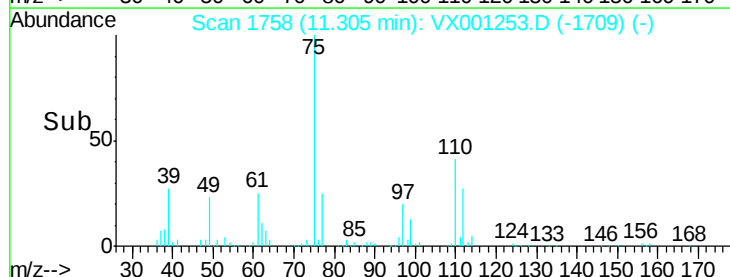
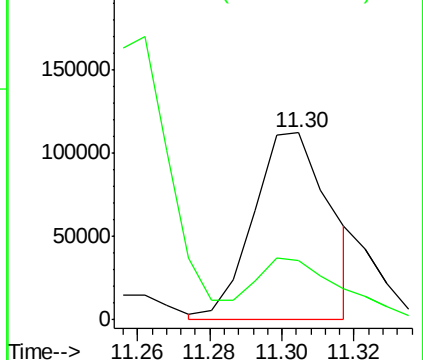
75 100

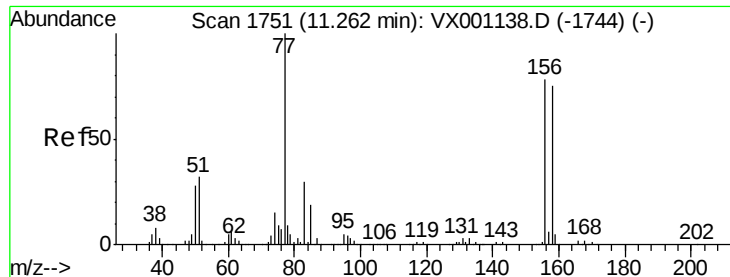
77 36.7 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.97 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

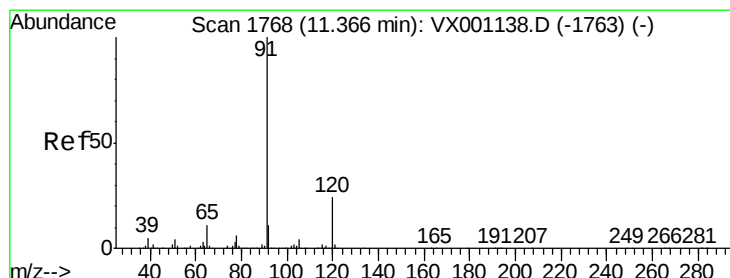
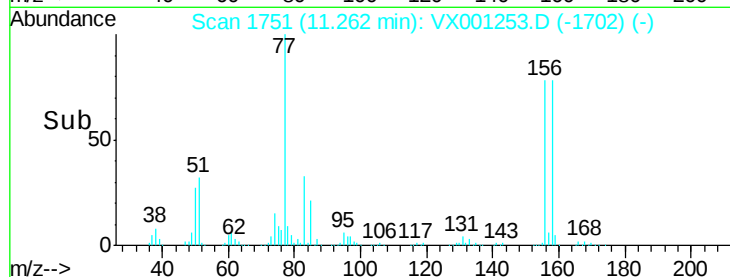
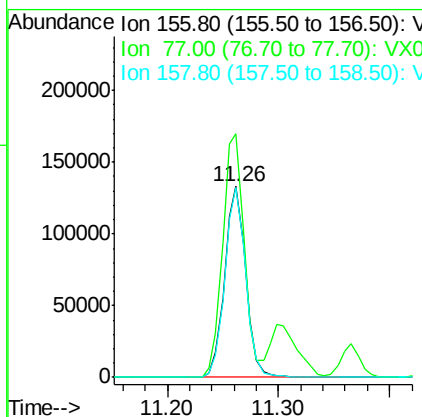
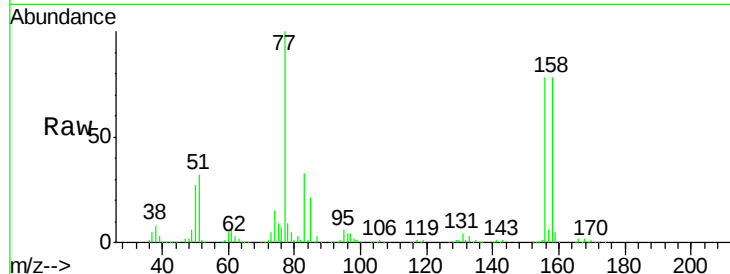
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		173384		
77	132.3	67.8	203.2		
158	98.3	48.9	146.7		

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#78

n-propylbenzene

Concen: 52.17 ug/l

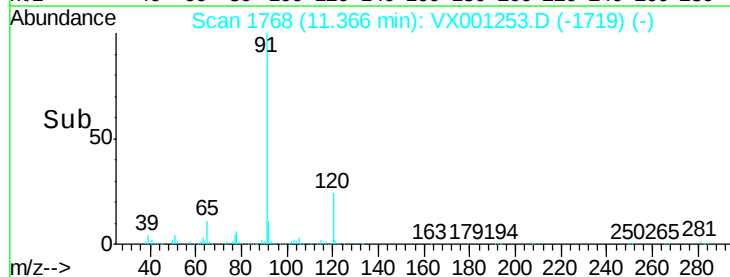
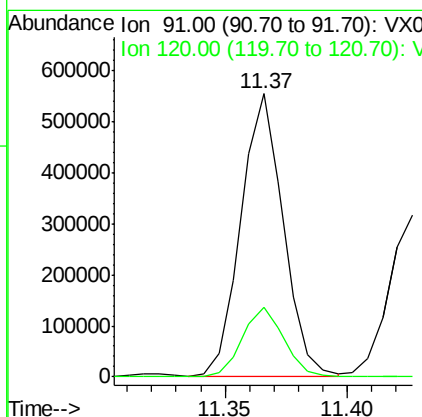
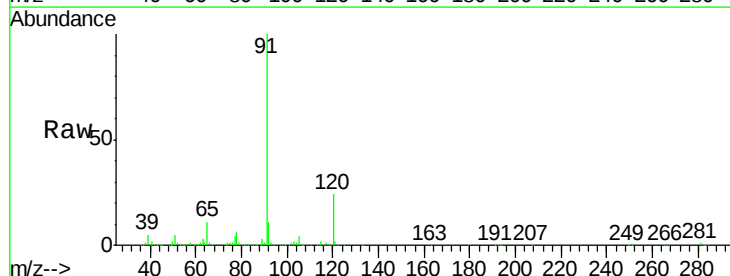
RT: 11.37 min Scan# 1768

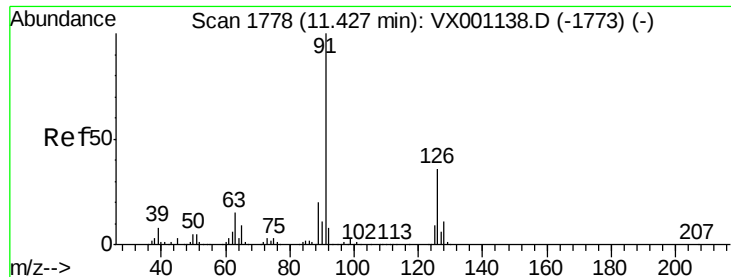
Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		667287		
120	24.6	12.2	36.6		





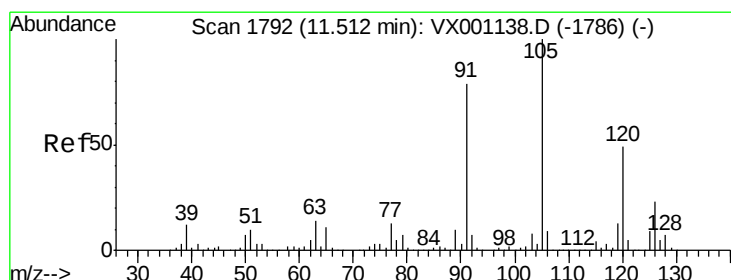
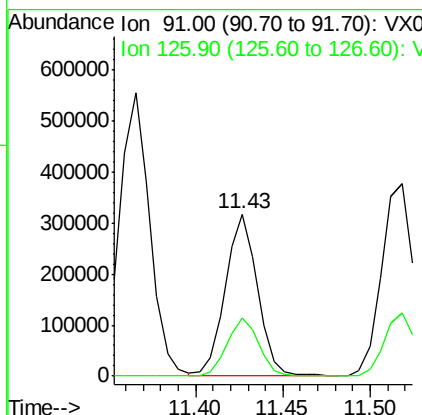
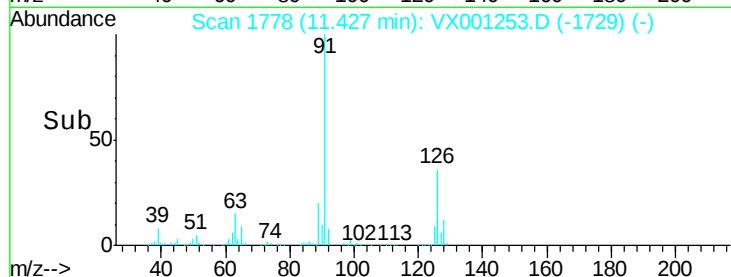
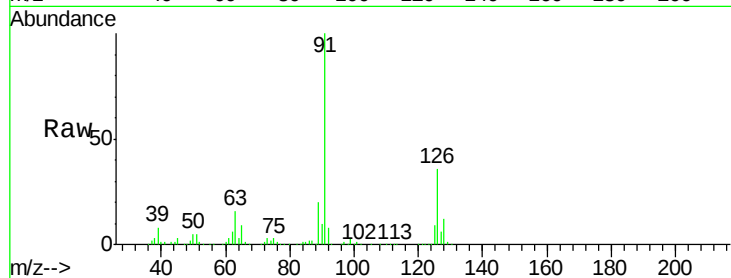
#79
 2-Chlorotoluene
 Concen: 50.76 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 402473
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.2 54.6

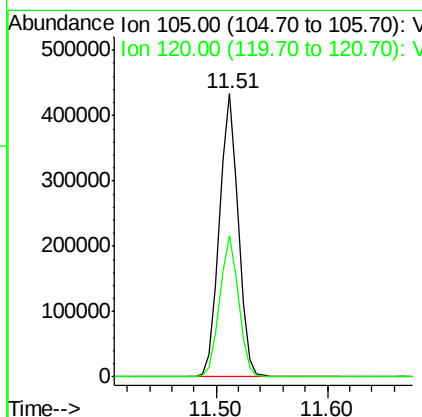
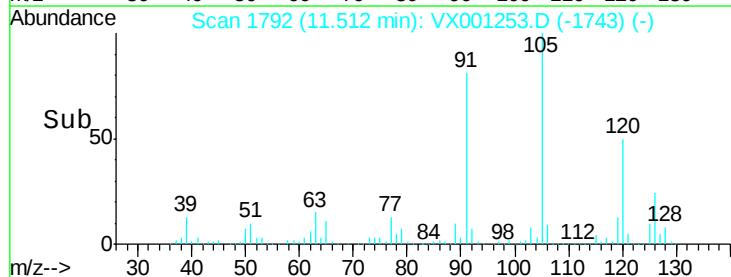
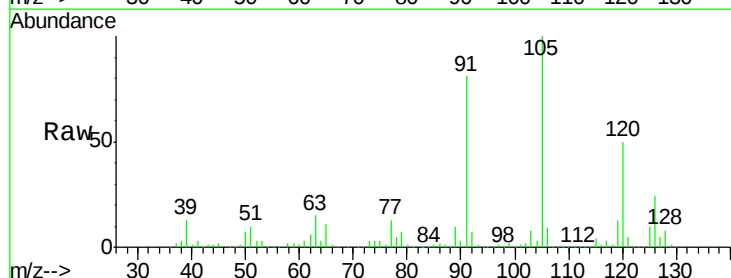
Manual Integrations
 APPROVED

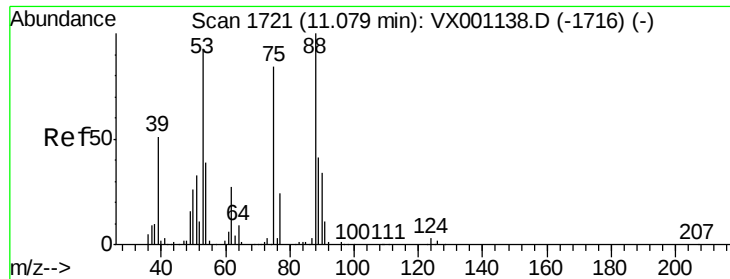
apatel
 5/1/2018 7:44:59 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.54 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion: 105 Resp: 510190
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 35.19 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 37743

Ion Ratio Lower Upper

75 100

53 113.3 87.9 131.9

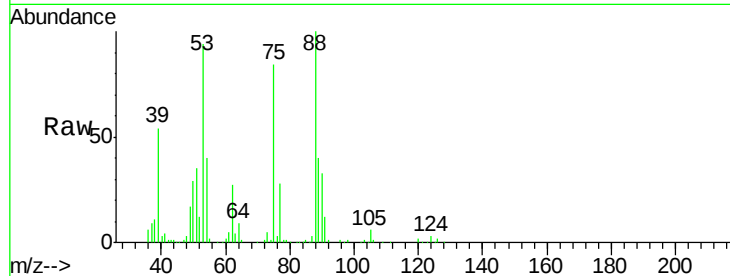
89 47.0 37.7 56.5

Manual Integrations

APPROVED

apatel

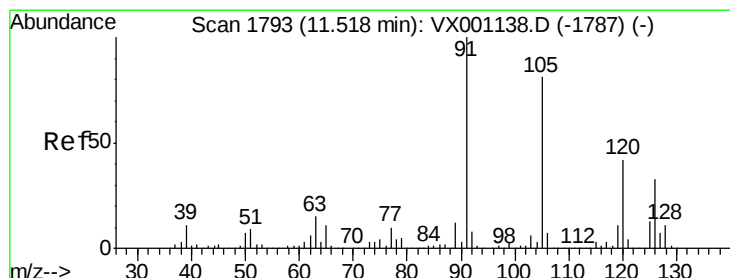
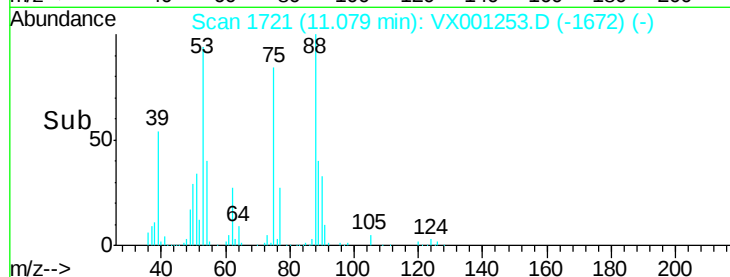
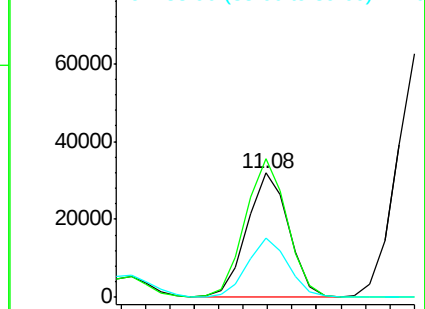
5/1/2018 7:44:59 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.67 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001253.D

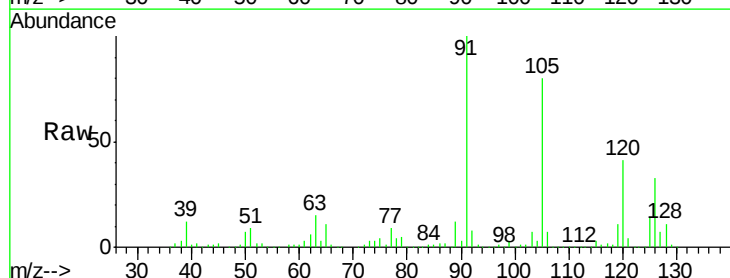
Acq: 29 Apr 2018 09:25

Tgt Ion: 91 Resp: 486912

Ion Ratio Lower Upper

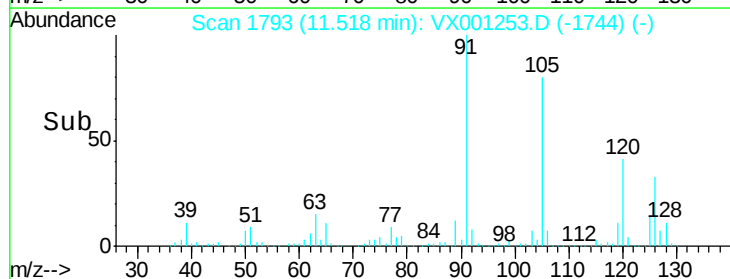
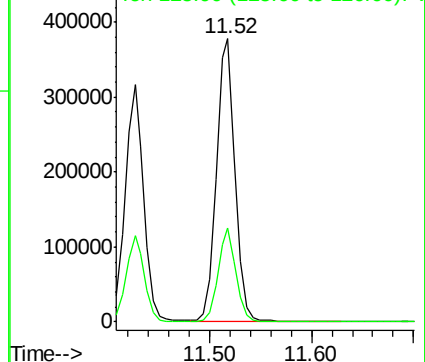
91 100

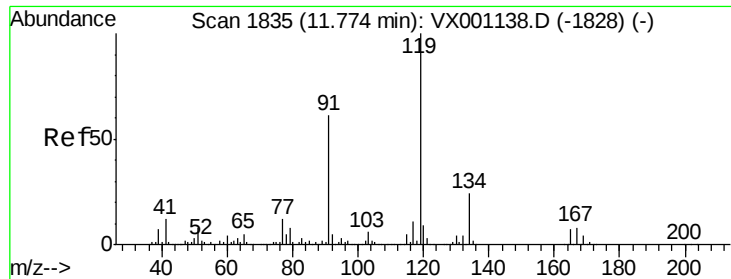
126 31.6 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





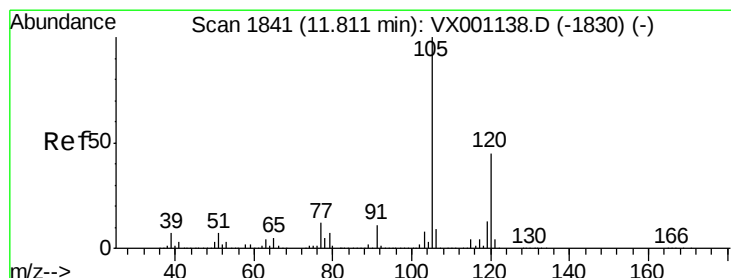
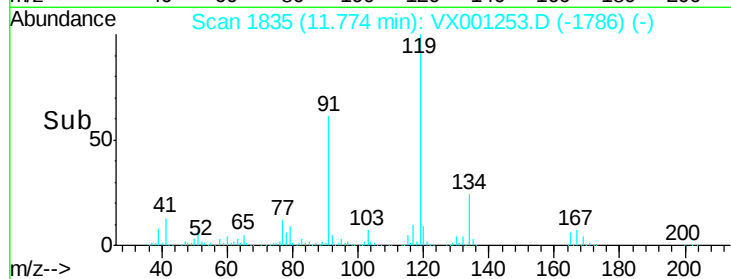
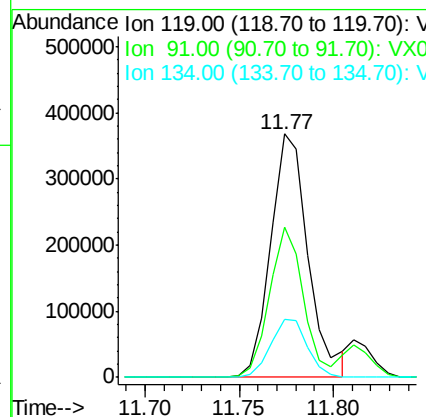
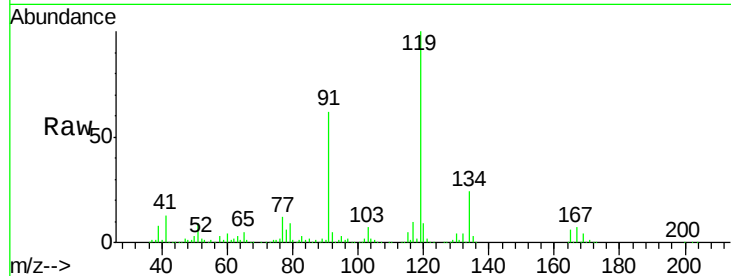
#83
 tert-Butylbenzene
 Concen: 52.24 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.6	82.8
134	23.4	11.5	34.5

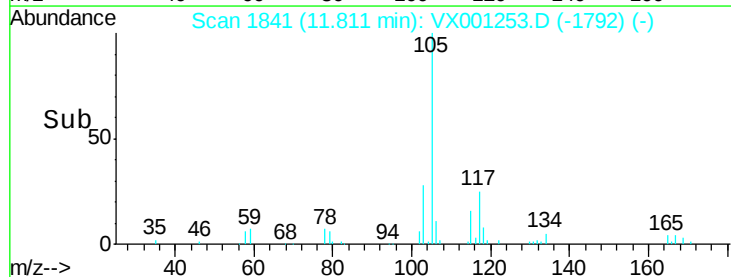
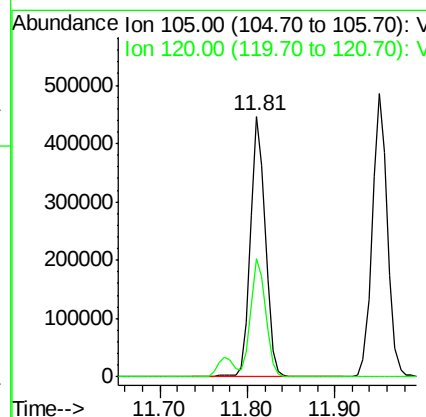
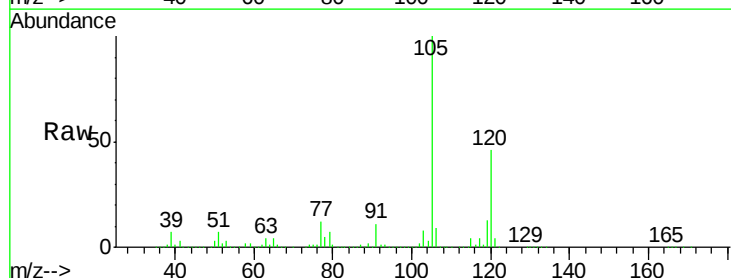
Manual Integrations
 APPROVED

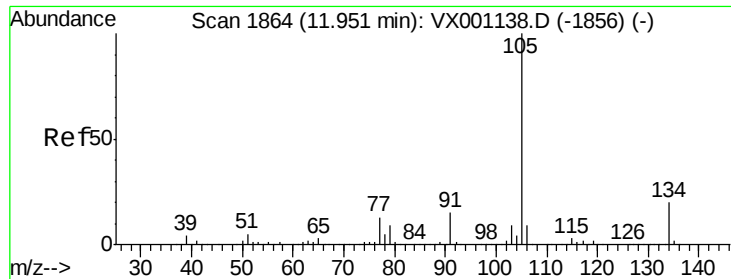
apatel
 5/1/2018 7:44:59 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.45 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 593782

Ion Ratio Lower Upper

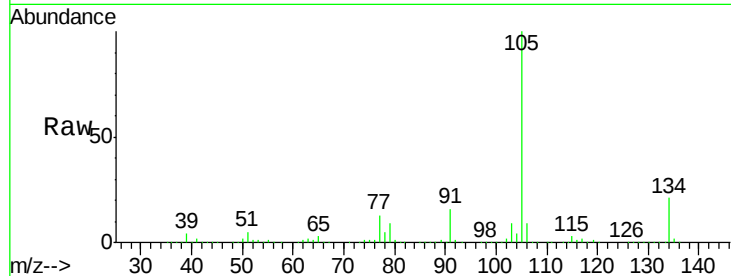
105 100

134 21.4 10.5 31.5

Manual Integrations
APPROVED

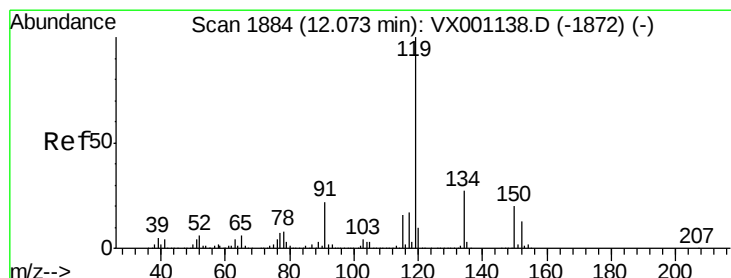
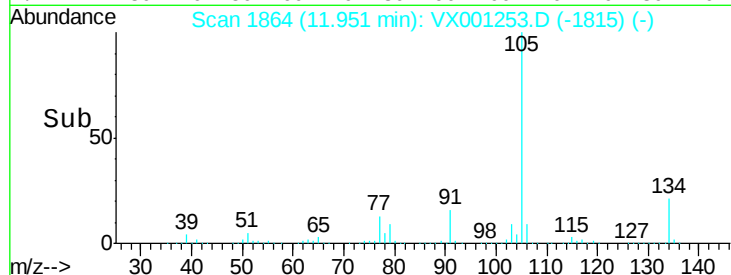
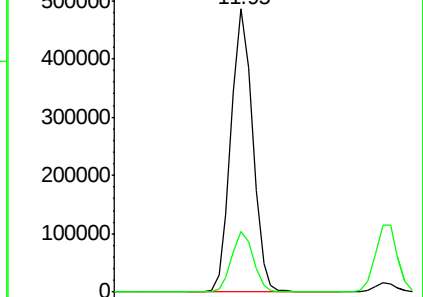
apatel

5/1/2018 7:44:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

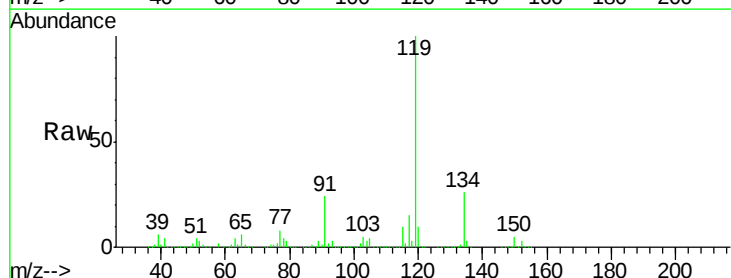
Tgt Ion:119 Resp: 553043

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

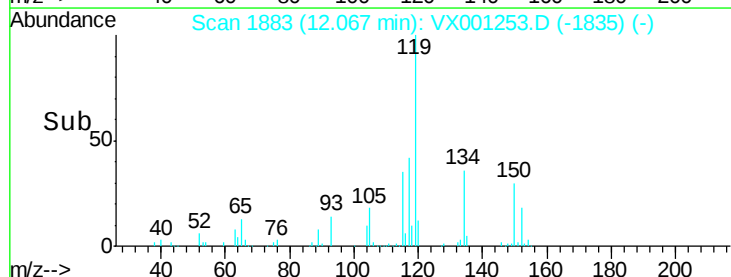
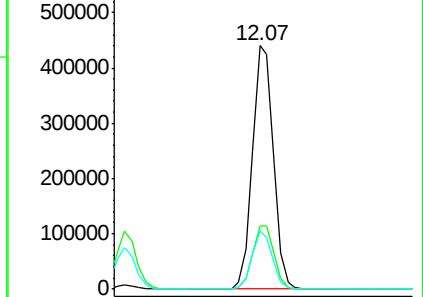
91 23.1 11.6 34.8

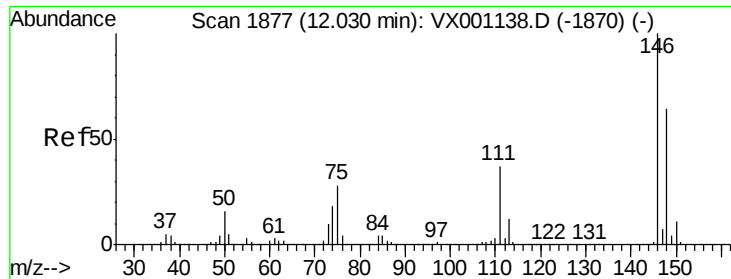


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.87 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

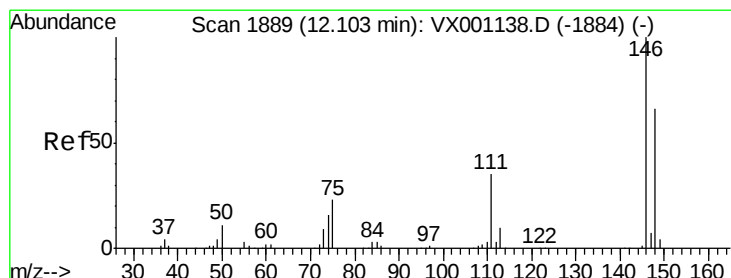
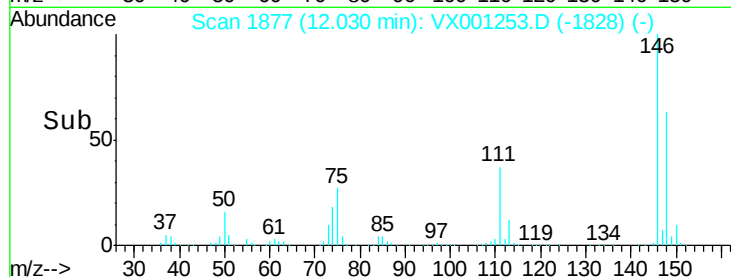
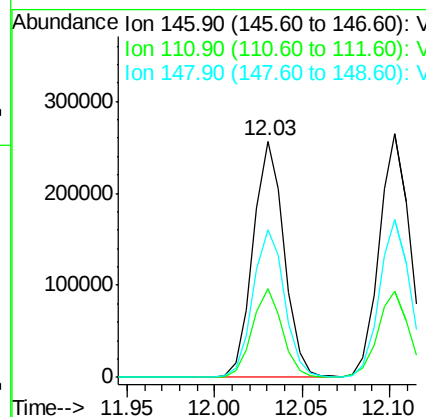
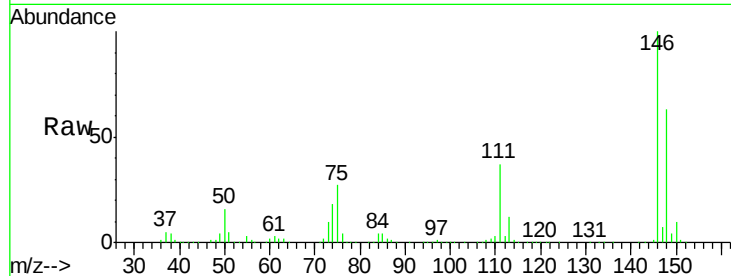
ClientSampled :

VSTDCCC050EC

Tot Ion:	146	Resp:	316758
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.6	56.0
148	63.5	32.3	96.8

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#88

1,4-Dichlorobenzene

Concen: 50.64 ug/l

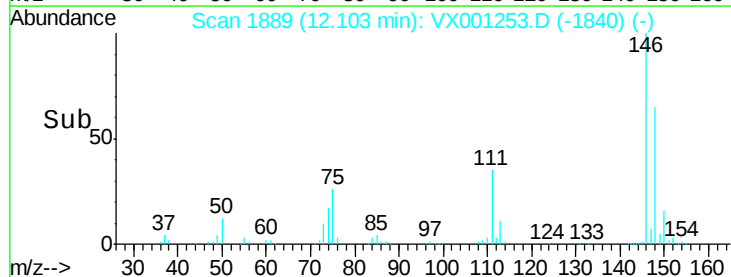
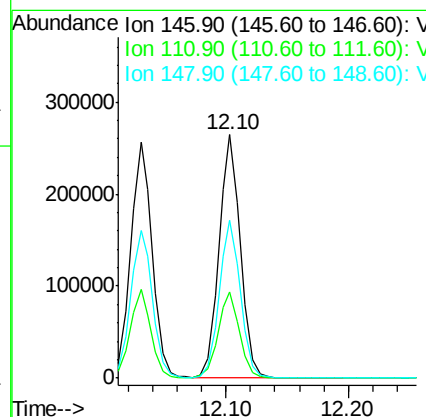
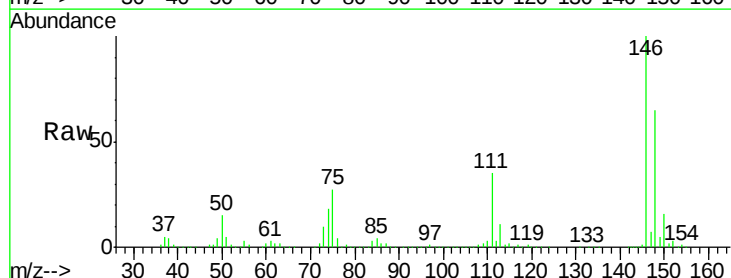
RT: 12.10 min Scan# 1889

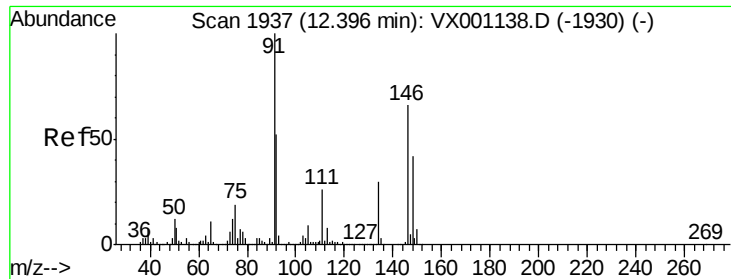
Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	146	Resp:	322205
Ion Ratio	Lower	Upper	
146	100		
111	35.5	18.0	54.0
148	64.5	32.5	97.5





#89

n-Butylbenzene

Concen: 51.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

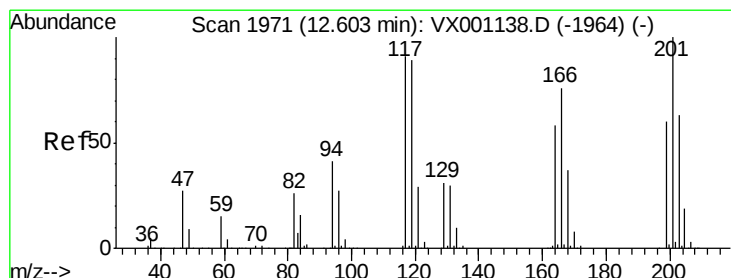
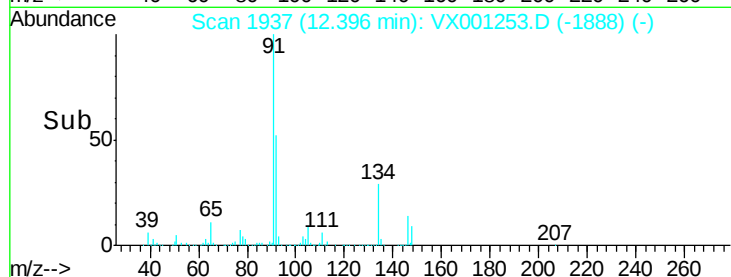
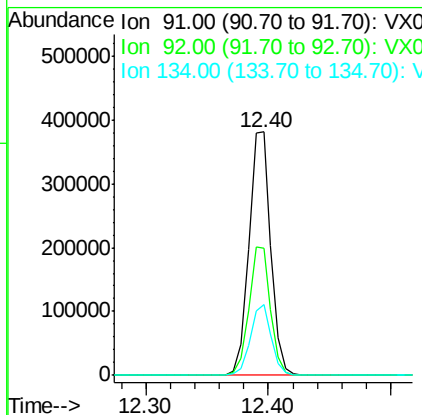
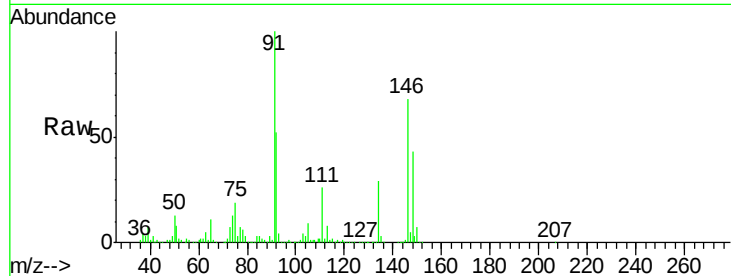
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	472041
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	27.9	14.1	42.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:59 PM



#90

Hexachloroethane

Concen: 48.24 ug/l

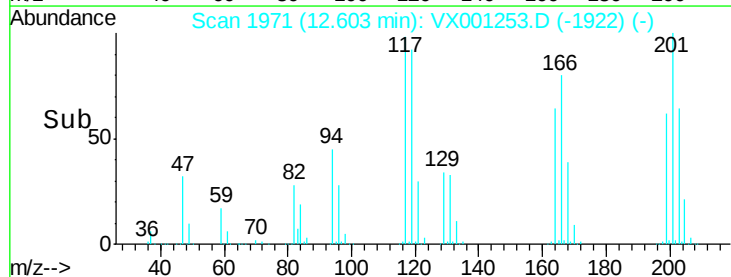
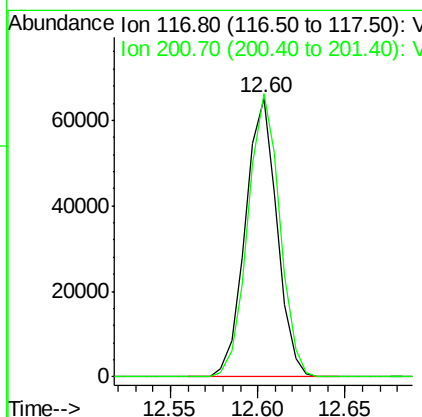
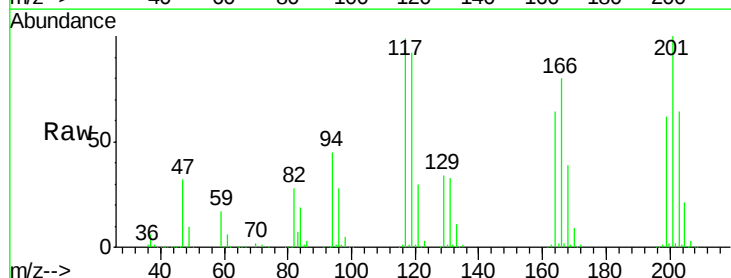
RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	117	Resp:	81761
Ion	Ratio	Lower	Upper
117	100		
201	102.4	51.8	155.4





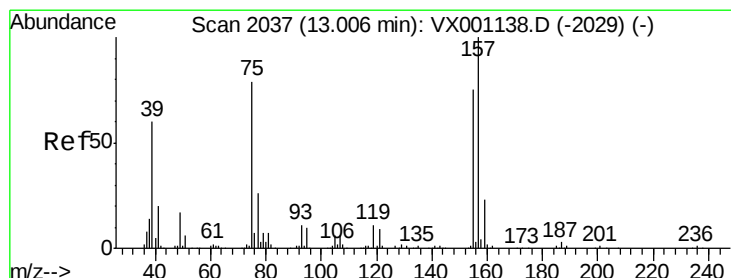
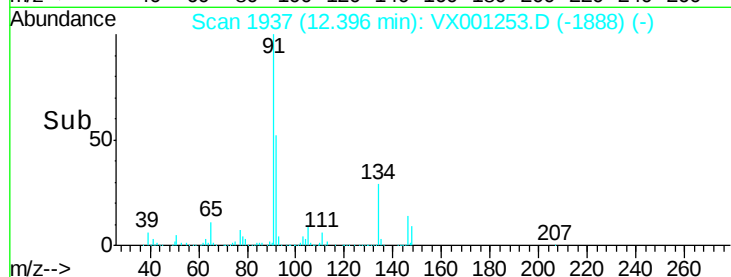
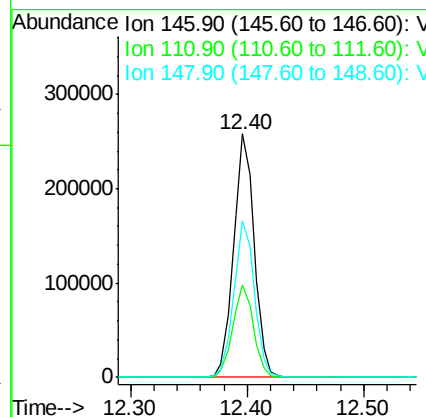
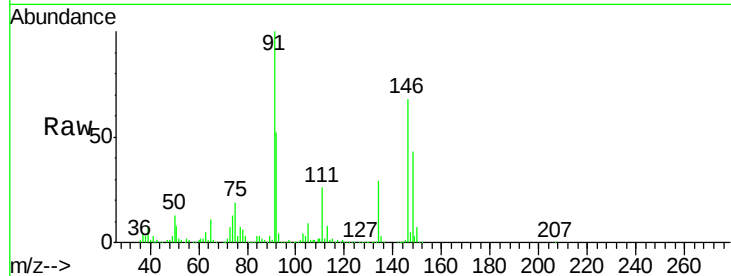
#91
 1,2-Dichlorobenzene
 Concen: 51.47 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.3
148	64.2	32.2	96.6

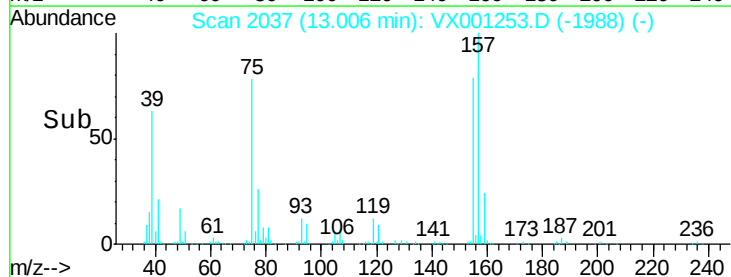
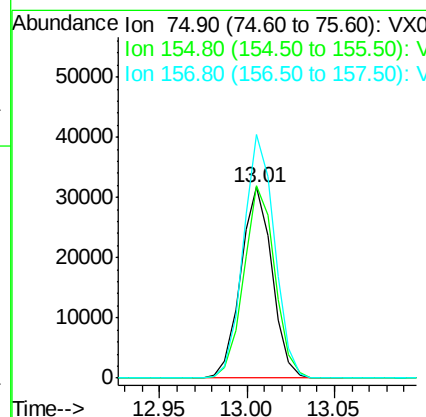
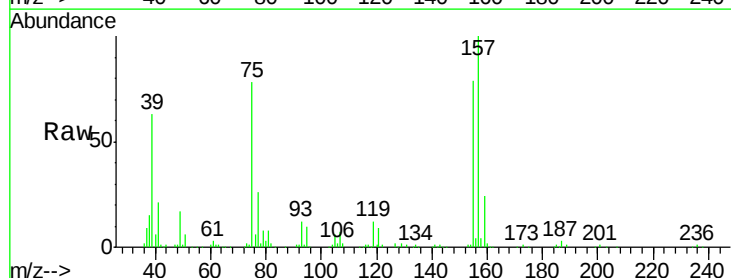
Manual Integrations
 APPROVED

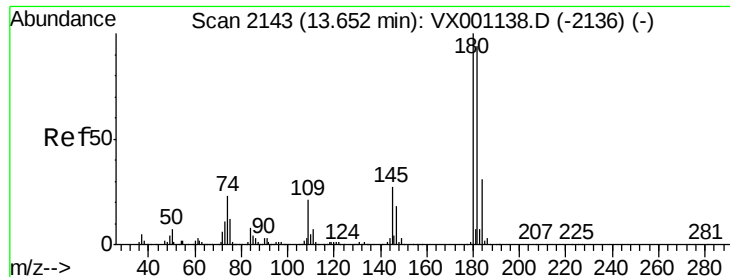
apatel
 5/1/2018 7:44:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	48.4	145.3
157	126.8	62.7	188.1





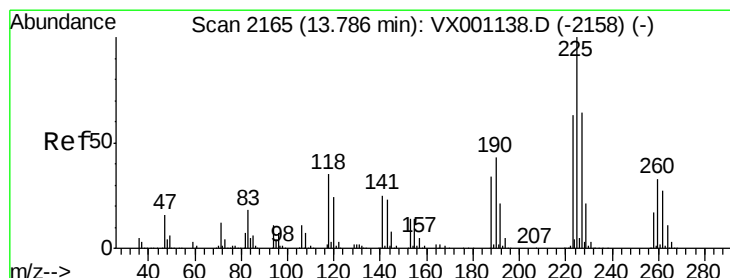
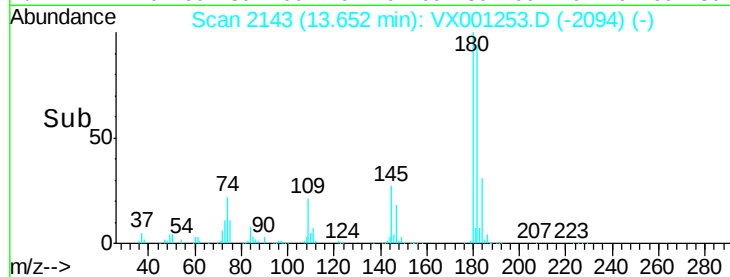
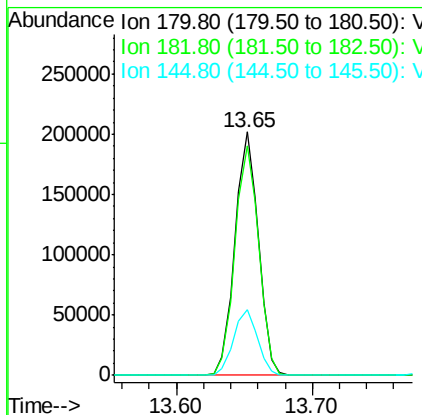
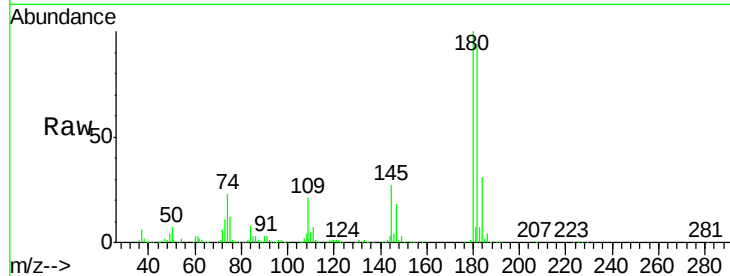
#93
 1,2,4-Trichlorobenzene
 Concen: 49.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	241454		
182	95.8	47.9	143.6	
145	27.4	13.8	41.4	

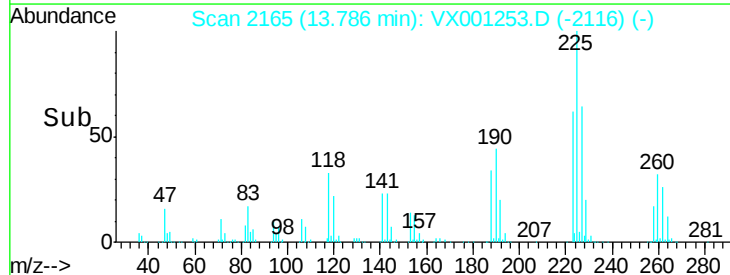
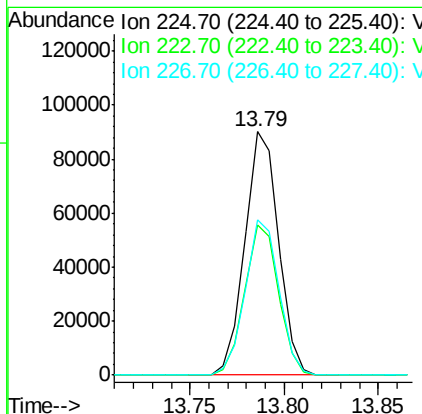
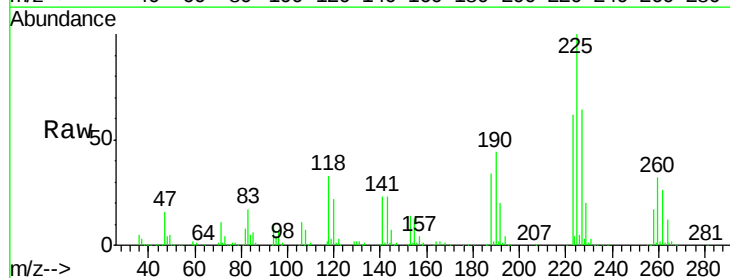
Manual Integrations
 APPROVED

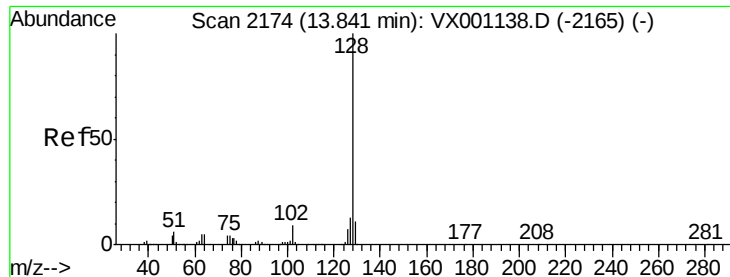
apatel
 5/1/2018 7:44:59 PM



#94
 Hexachlorobutadiene
 Concen: 49.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001253.D
 Acq: 29 Apr 2018 09:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112113		
223	62.1	31.3	93.9	
227	63.8	32.2	96.6	





#95

Naphthalene

Concen: 49.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Instrument :

MSVOA_X

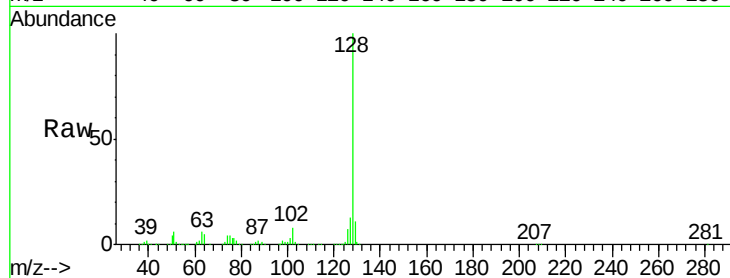
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	662175
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

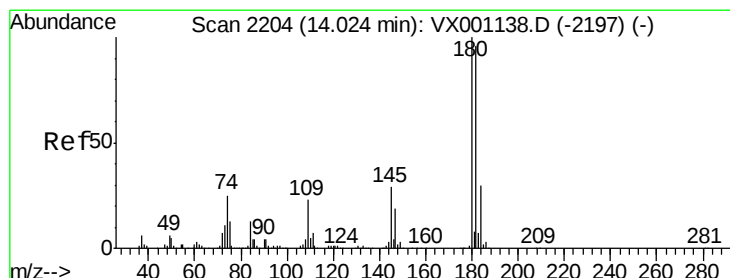
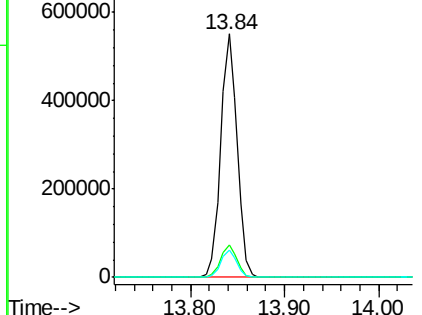
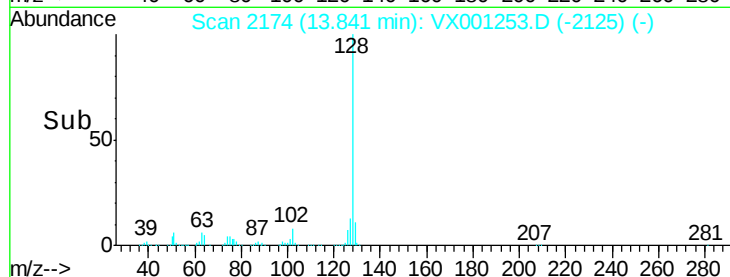
apatel
5/1/2018 7:44:59 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.80 ug/l

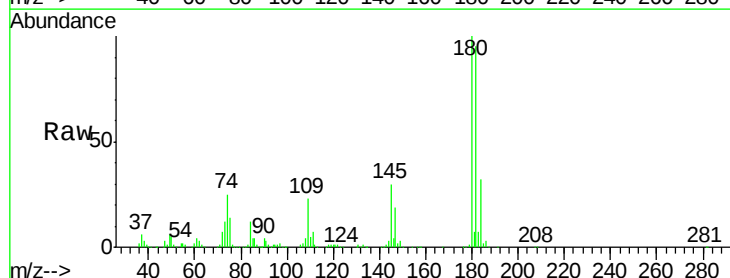
RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001253.D

Acq: 29 Apr 2018 09:25

Tgt Ion:	180	Resp:	239788
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.2	144.6
145	29.0	14.5	43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

