

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001209.D
 Acq On : 28 Apr 2018 13:14
 Operator : JC/MD
 Sample : VX0428WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:39 PM

Quant Time: Apr 30 01:58:17 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	208142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138588	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	5.51	113	111595	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.72	98	432728	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	166432	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43850	20.09	ug/l	100
3) Chloromethane	1.32	50	40854	17.87	ug/l	99
4) Vinyl Chloride	1.40	62	45837	18.90	ug/l	100
5) Bromomethane	1.64	94	33751	21.47	ug/l	92
6) Chloroethane	1.73	64	28345	18.57	ug/l	97
7) Trichlorofluoromethane	1.93	101	80109	20.45	ug/l	99
8) Diethyl Ether	2.19	74	27264	18.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46355	21.48	ug/l	99
10) Methyl Iodide	2.51	142	30540	18.88	ug/l	98
11) Tert butyl alcohol	3.07	59	51294	80.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40577	19.28	ug/l	98
13) Acrolein	2.29	56	13110	54.50	ug/l	91
14) Allyl chloride	2.73	41	71888	18.72	ug/l	96
15) Acrylonitrile	3.15	53	111863	82.33	ug/l	99
16) Acetone	2.45	43	119039	89.72	ug/l	99
17) Carbon Disulfide	2.57	76	96498	17.97	ug/l	100
18) Methyl Acetate	2.78	43	57899	17.44	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	139863	18.05	ug/l	99
20) Methylene Chloride	2.86	84	46132	18.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43543	18.71	ug/l	99
22) Diisopropyl ether	3.87	45	135018	17.57	ug/l	94
23) Vinyl Acetate	3.83	43	600495	92.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79487	19.69	ug/l	97
25) 2-Butanone	4.71	43	161139	81.17	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60341	18.99	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48842	19.17	ug/l	98
28) Bromochloromethane	5.03	49	35807	19.78	ug/l	96
29) Tetrahydrofuran	5.17	42	99932	78.29	ug/l	100
30) Chloroform	5.22	83	80976	18.86	ug/l	98
31) Cyclohexane	5.57	56	67537	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	71363	19.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59600	19.95	ug/l	98
37) Ethyl Acetate	4.87	43	61266	17.13	ug/l	99
38) Carbon Tetrachloride	5.79	117	62668	20.46	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001209.D
 Acq On : 28 Apr 2018 13:14
 Operator : JC/MD
 Sample : VX0428WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0428WBS01

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:39 PM

Quant Time: Apr 30 01:58:17 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	70315	21.27	ug/l	98
40) Benzene	6.15	78	178432	20.65	ug/l	99
41) Methacrylonitrile	5.07	41	34575	17.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68252	19.60	ug/l	98
43) Isopropyl Acetate	6.47	43	99823	17.77	ug/l	100
44) Trichloroethene	7.22	130	55097	21.41	ug/l	95
45) 1,2-Dichloropropane	7.52	63	44249	19.47	ug/l	97
46) Dibromomethane	7.67	93	31680	20.13	ug/l	98
47) Bromodichloromethane	7.90	83	57948	20.27	ug/l	97
48) Methyl methacrylate	7.78	41	52215	17.49	ug/l	97
49) 1,4-Dioxane	7.76	88	22098	369.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	329428	89.28	ug/l	97
52) Toluene	8.79	92	117498	20.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	65736	19.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	60627	18.92	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	46729	19.55	ug/l	98
56) Ethyl methacrylate	9.19	69	65356	18.45	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76842	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	150612	89.95	ug/l	100
59) 2-Hexanone	9.50	43	255098	88.24	ug/l	98
60) Dibromochloromethane	9.59	129	47587	19.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49367	19.71	ug/l	99
64) Tetrachloroethene	9.34	164	63277	22.85	ug/l	98
65) Chlorobenzene	10.14	112	139376	20.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	47808	20.33	ug/l	99
67) Ethyl Benzene	10.26	91	230224	20.85	ug/l	99
68) m/p-Xylenes	10.36	106	183738	42.09	ug/l	99
69) o-Xylene	10.70	106	86969	20.54	ug/l	99
70) Styrene	10.72	104	143779	20.40	ug/l	100
71) Bromoform	10.86	173	36839	18.37	ug/l #	99
73) Isopropylbenzene	11.02	105	234760	20.17	ug/l	99
74) N-amyl acetate	6.47	43	99823	17.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68284	17.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64653m	17.78	ug/l	
77) Bromobenzene	11.26	156	68072	19.72	ug/l	97
78) n-propylbenzene	11.37	91	271382	20.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	160217	19.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201843	20.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14584	16.59	ug/l	90
82) 4-Chlorotoluene	11.51	91	192808	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	194260	19.75	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	207830	20.52	ug/l	99
85) sec-Butylbenzene	11.95	105	240995	20.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	220441	20.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	127271	20.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129788	20.10	ug/l	99
89) n-Butylbenzene	12.39	91	188555	20.39	ug/l	99
90) Hexachloroethane	12.60	117	29547	19.35	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	125531	20.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13869	16.27	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
Data File : VX001209.D
Acq On : 28 Apr 2018 13:14
Operator : JC/MD
Sample : VX0428WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

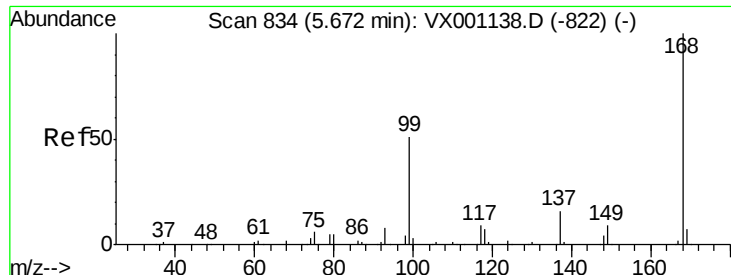
Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM

Quant Time: Apr 30 01:58:17 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	95818	19.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	44238	19.17	ug/l	98
95) Naphthalene	13.84	128	247991	18.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94688	19.38	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion:168 Resp: 208142

Ion Ratio Lower Upper

168 100

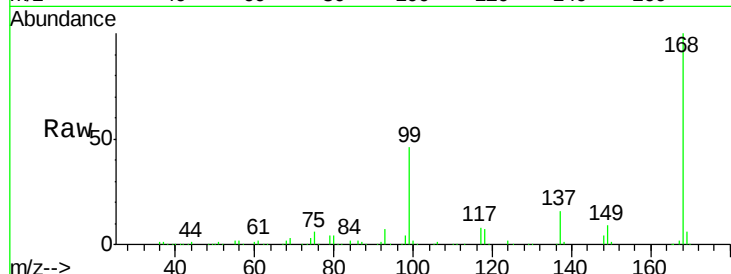
99 46.3 40.6 60.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

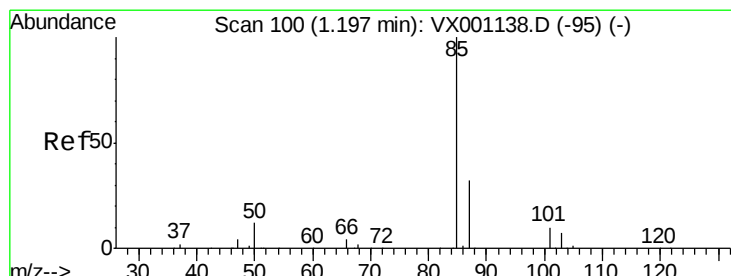
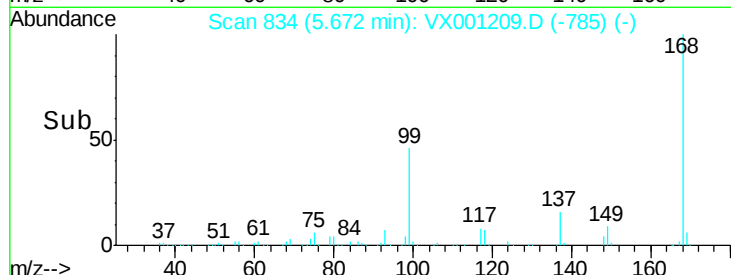
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001209.D

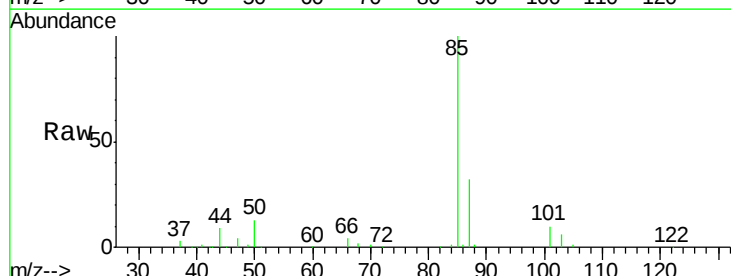
Acq: 28 Apr 2018 13:14

Tgt Ion: 85 Resp: 43850

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

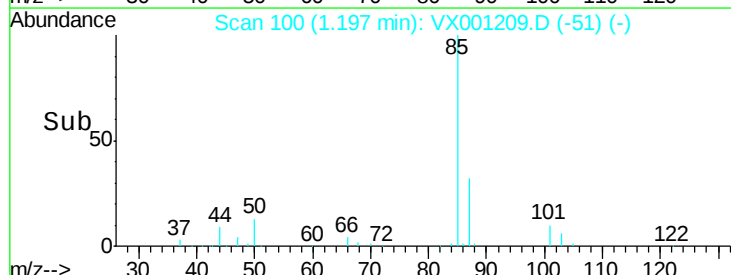
20000

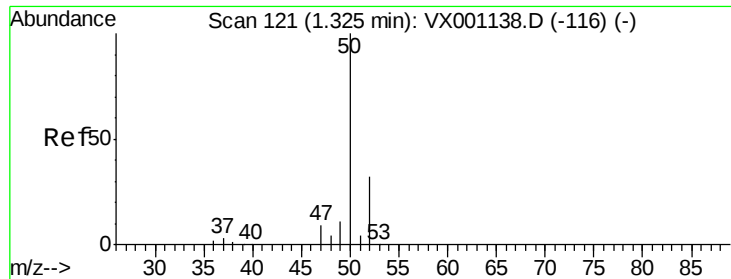
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 50 Resp: 40854

Ion Ratio Lower Upper

50 100

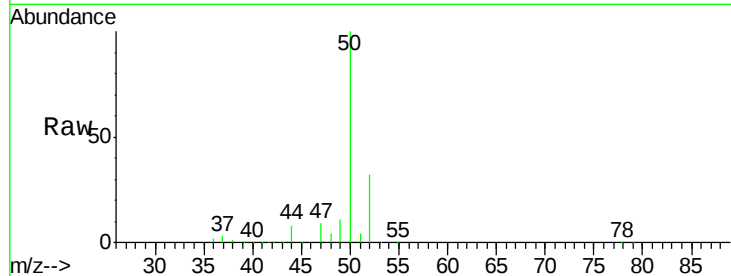
52 31.6 25.9 38.9

Manual Integrations

APPROVED

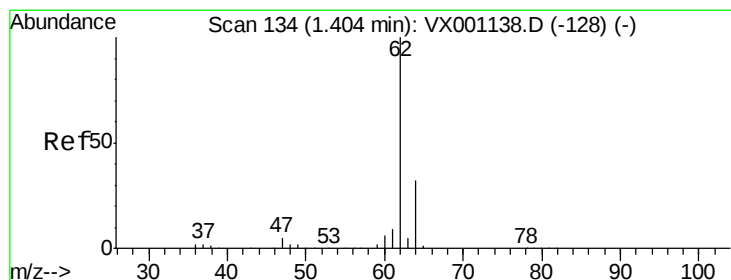
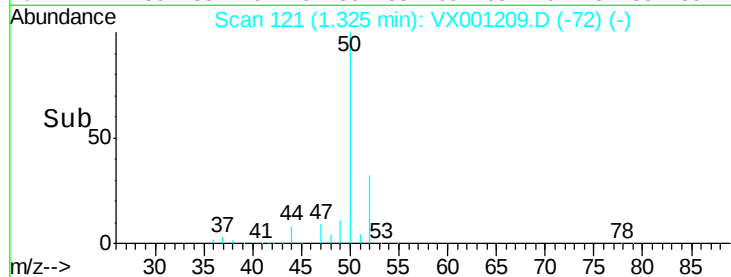
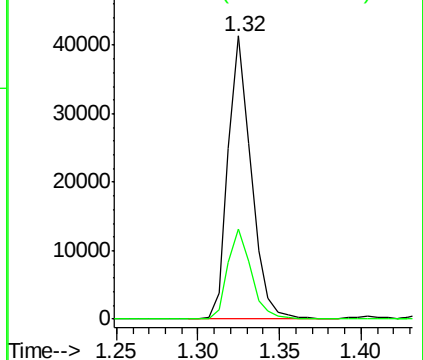
apatel

5/1/2018 7:44:39 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001209.D

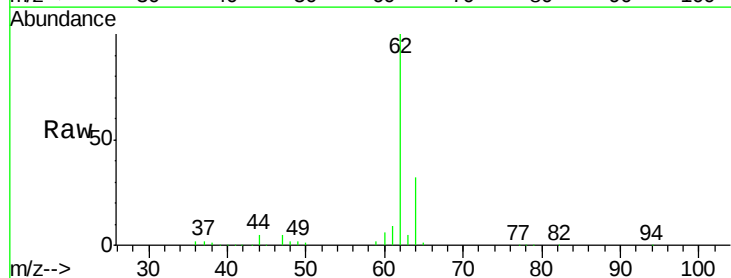
Acq: 28 Apr 2018 13:14

Tgt Ion: 62 Resp: 45837

Ion Ratio Lower Upper

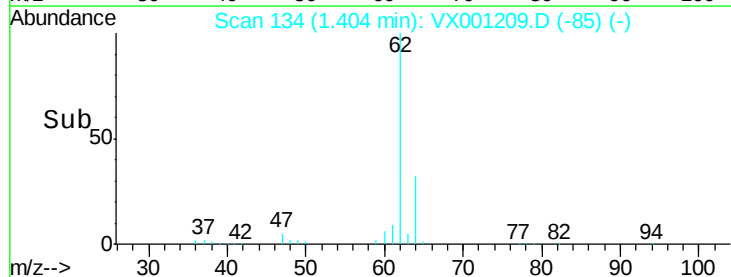
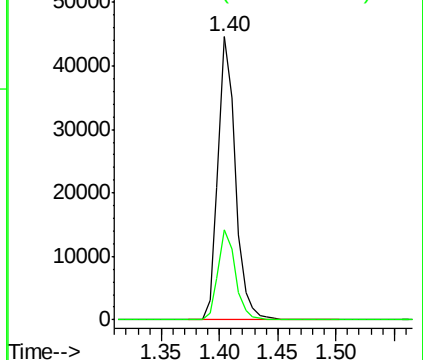
62 100

64 31.9 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: 21.47 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 94 Resp: 33751

Ion Ratio Lower Upper

94 100

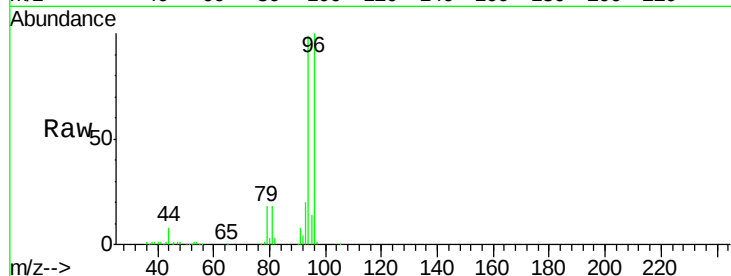
96 101.5 75.3 112.9

Manual Integrations

APPROVED

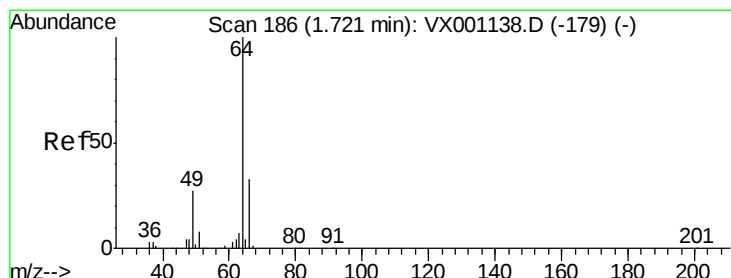
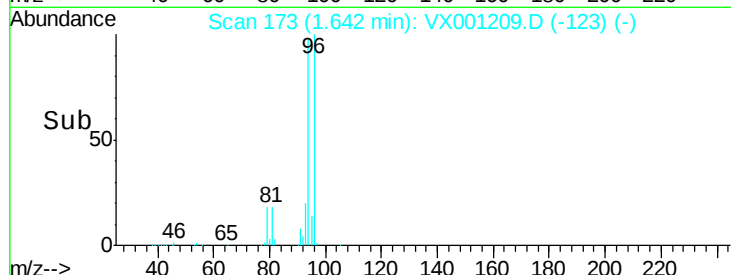
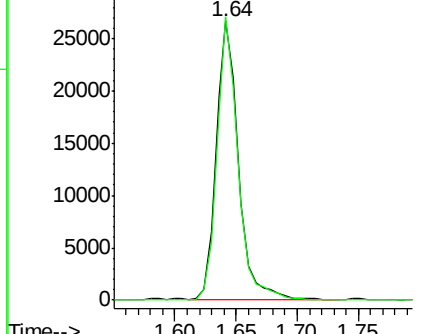
apatel

5/1/2018 7:44:39 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.57 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001209.D

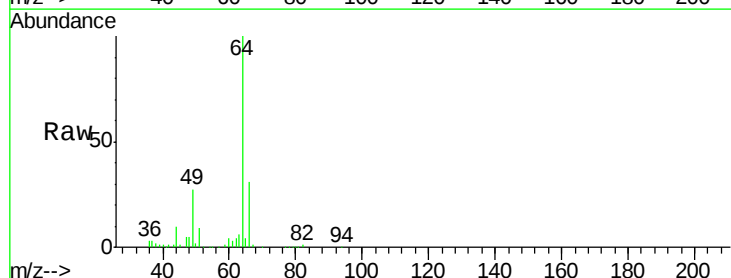
Acq: 28 Apr 2018 13:14

Tgt Ion: 64 Resp: 28345

Ion Ratio Lower Upper

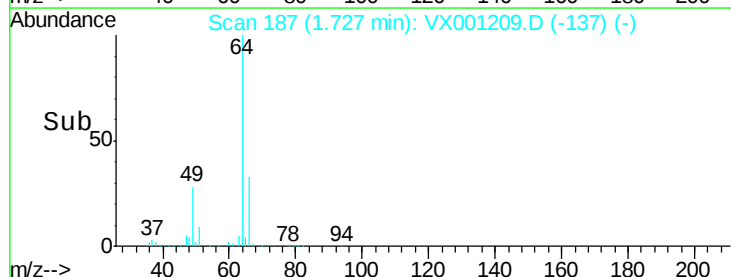
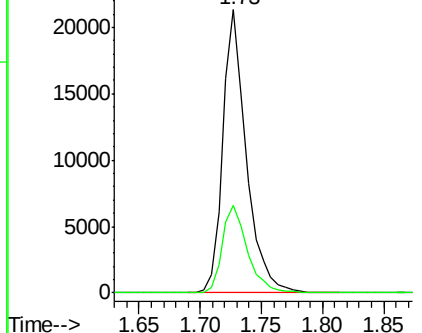
64 100

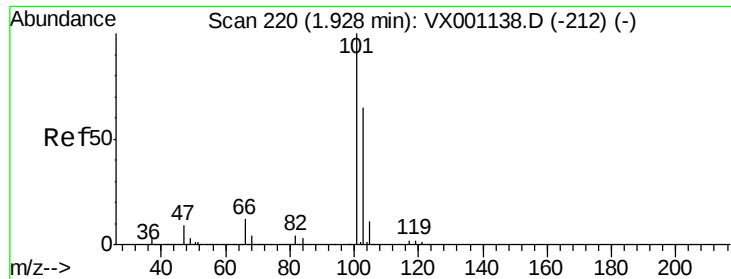
66 30.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

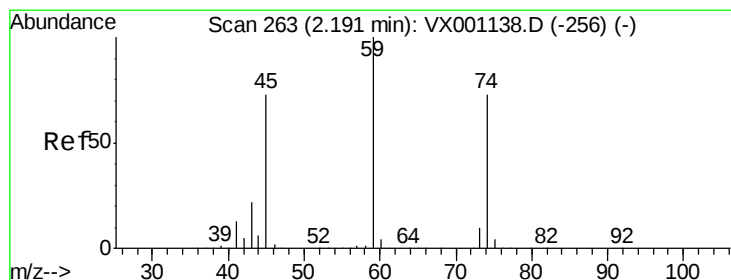
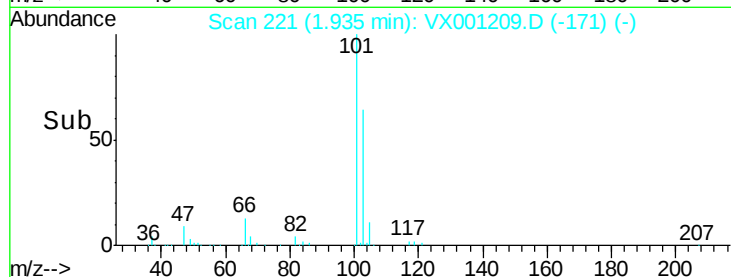
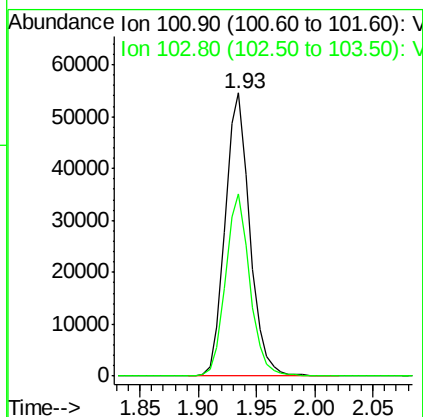
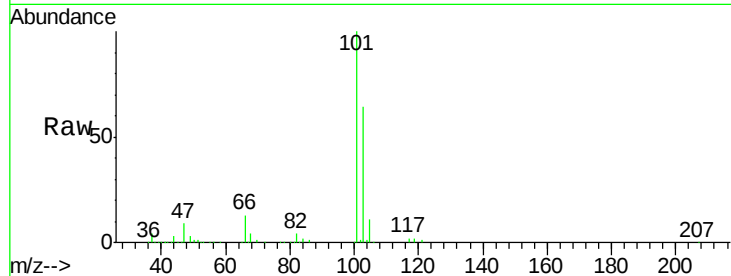
Trichlorofluoromethane
 Concen: 20.45 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.9	77.9

Manual Integrations
 APPROVED

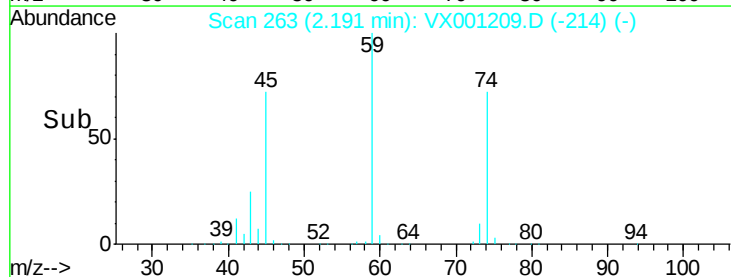
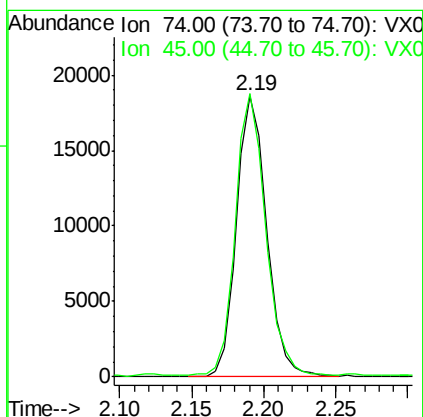
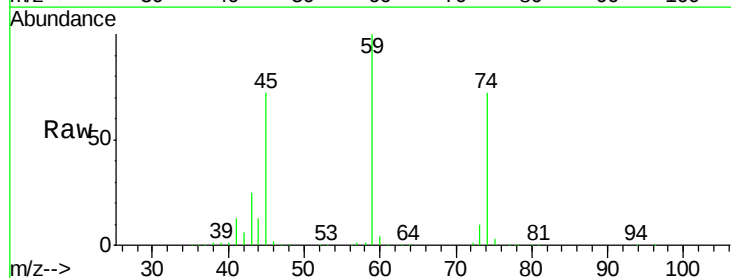
apatel
 5/1/2018 7:44:39 PM

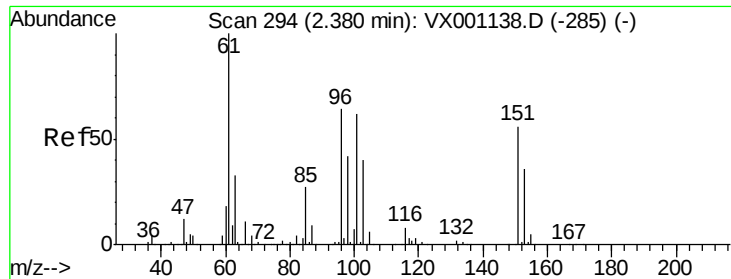


#8

Diethyl Ether
 Concen: 18.10 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.48 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

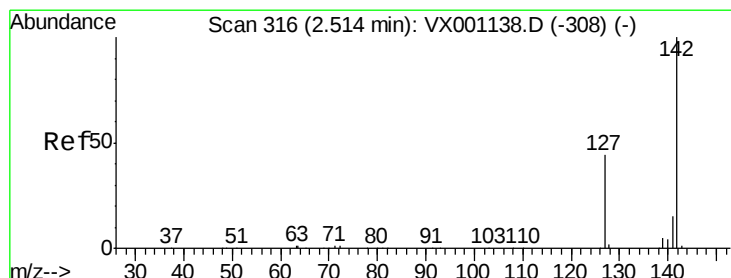
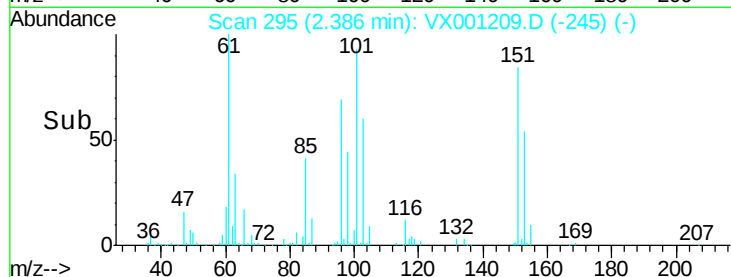
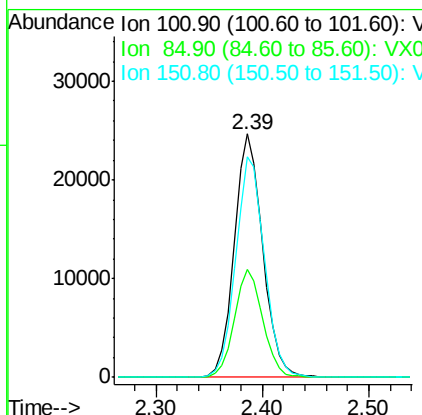
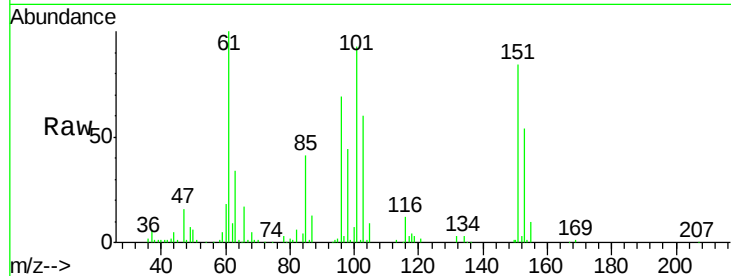
ClientSampleId :

VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	46355		
85	43.9	35.4	53.0	
151	91.1	74.2	111.4	

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#10

Methyl Iodide

Concen: 18.88 ug/l

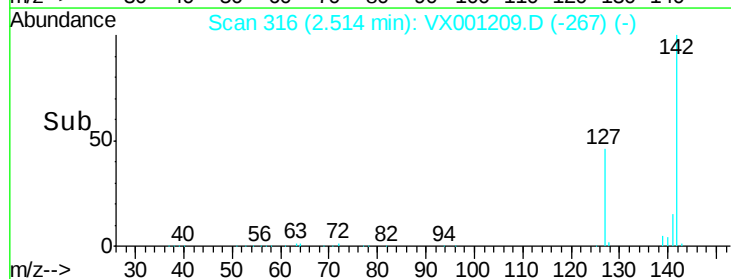
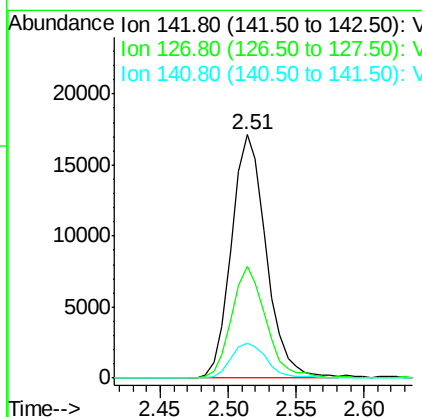
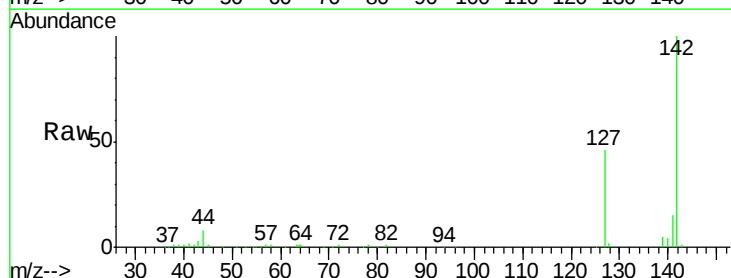
RT: 2.51 min Scan# 316

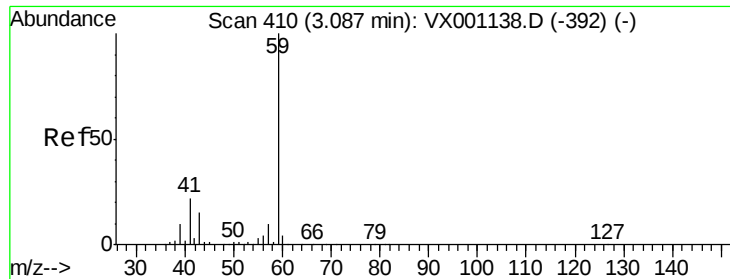
Delta R.T. 0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	30540		
127	45.1	34.7	52.1	
141	14.9	11.6	17.4	





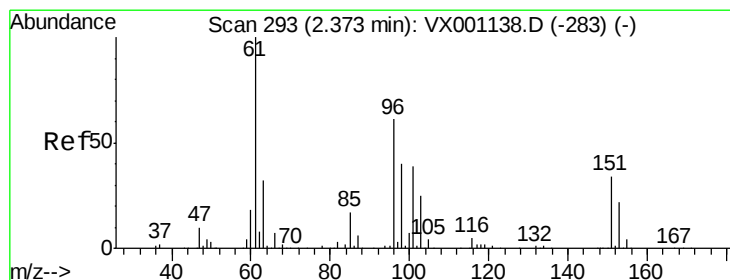
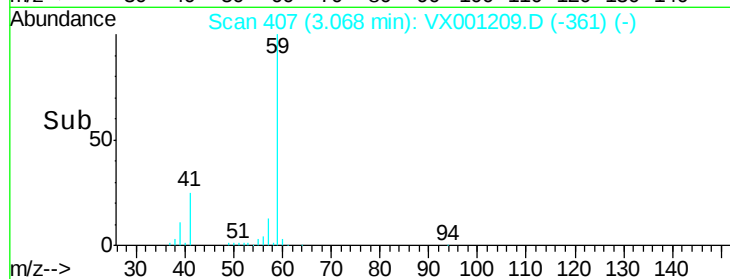
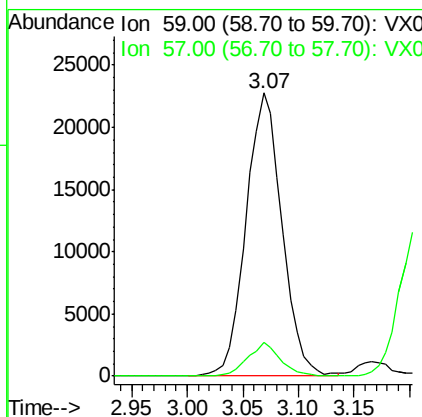
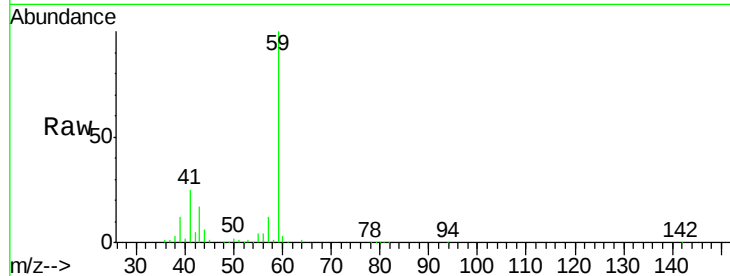
#11
Tert butyl alcohol
Concen: 80.62 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS01

Tot Ion: 59 Resp: 51294
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

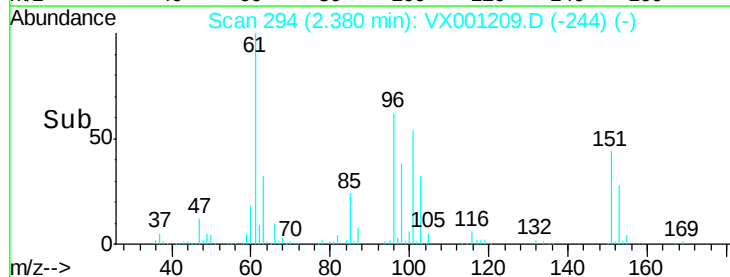
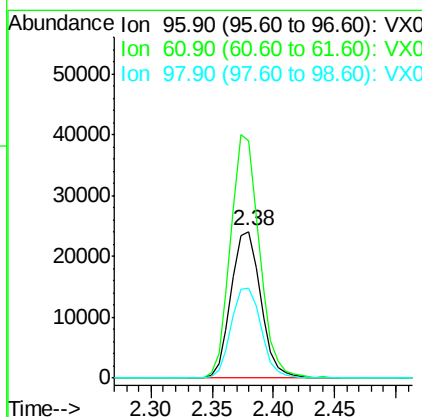
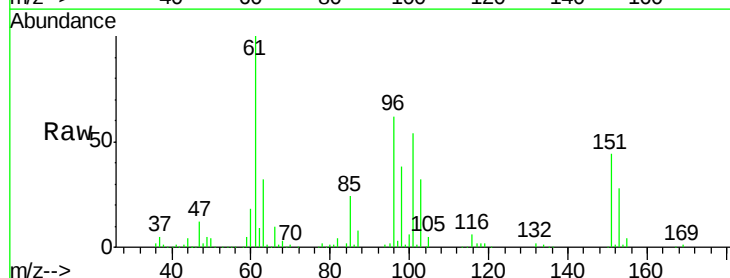
Manual Integrations
APPROVED

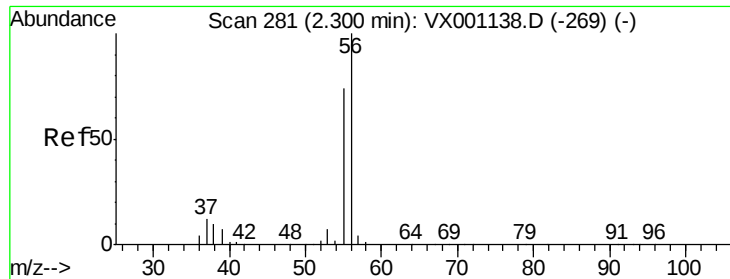
apatel
5/1/2018 7:44:39 PM



#12
1,1-Dichloroethene
Concen: 19.28 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 96 Resp: 40577
Ion Ratio Lower Upper
96 100
61 161.8 130.2 195.4
98 61.6 51.5 77.3





#13

Acrolein

Concen: 54.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 56 Resp: 13110

Ion Ratio Lower Upper

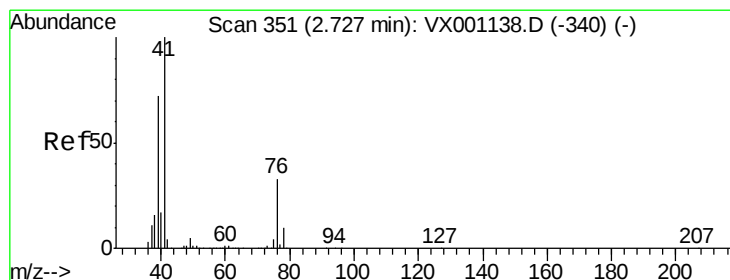
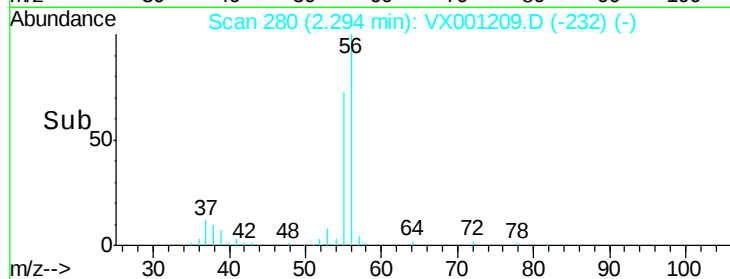
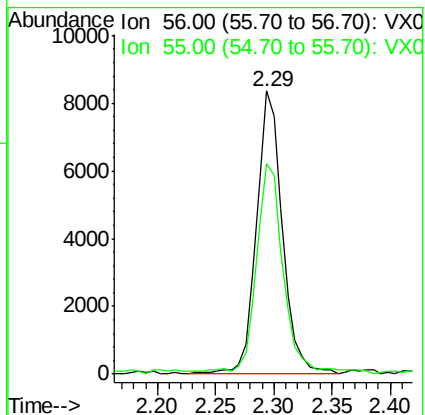
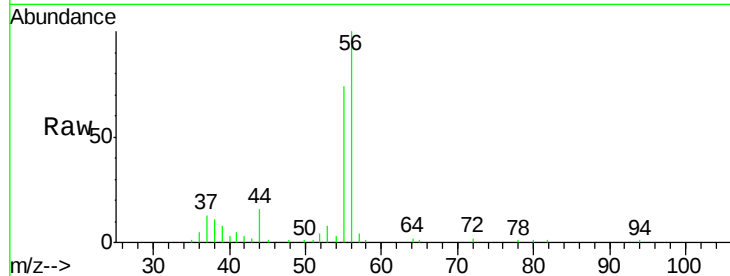
56 100

55 78.9 57.2 85.8

Manual Integrations
APPROVED

apatel

5/1/2018 7:44:39 PM



#14

Allyl chloride

Concen: 18.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

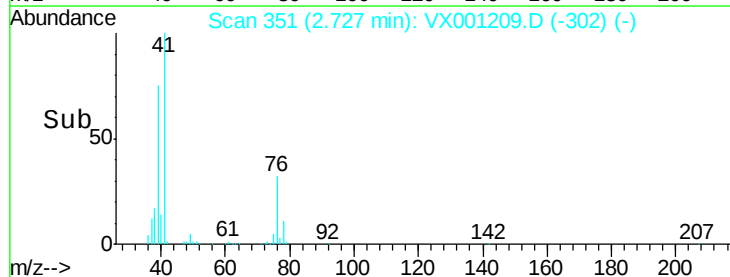
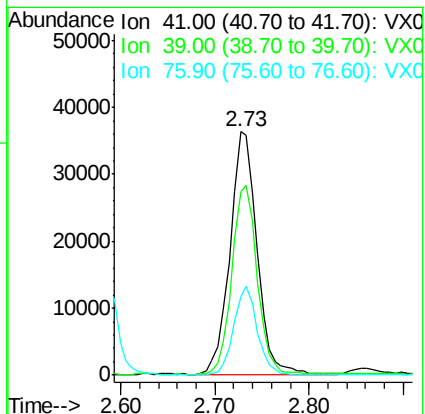
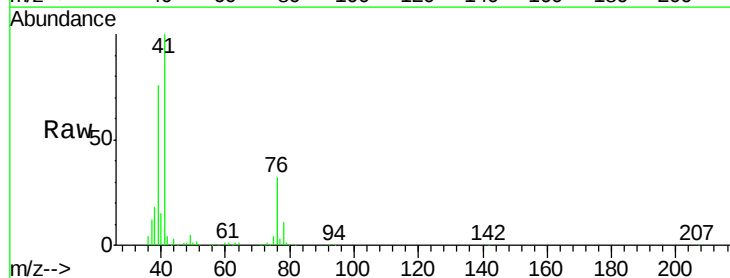
Tgt Ion: 41 Resp: 71888

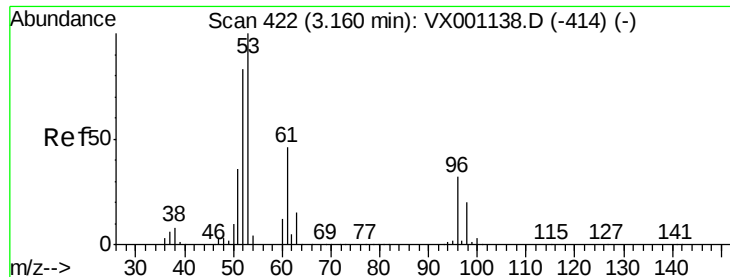
Ion Ratio Lower Upper

41 100

39 73.1 55.6 83.4

76 32.2 24.8 37.2





#15

Acrylonitrile

Concen: 82.33 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

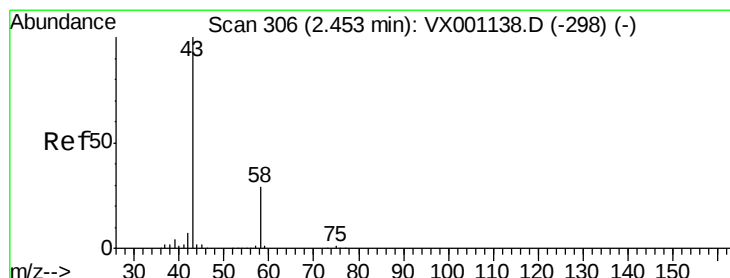
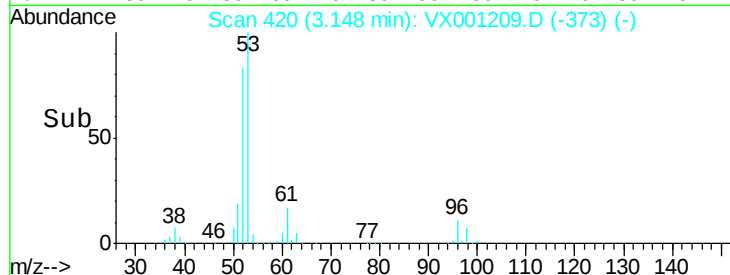
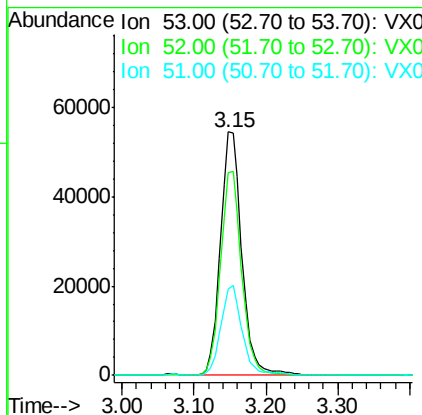
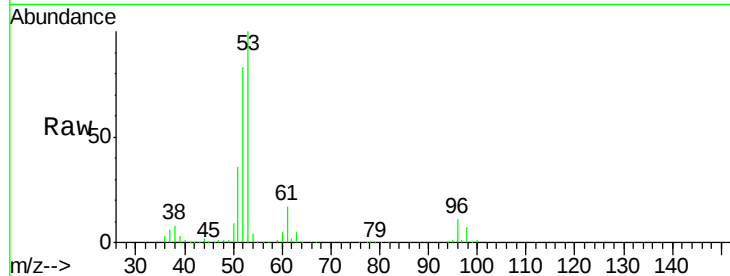
ClientSampleId :

VX0428WBS01

Tot Ion:	53	Resp:	111863
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.5	99.7
51	37.4	29.5	44.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#16

Acetone

Concen: 89.72 ug/l

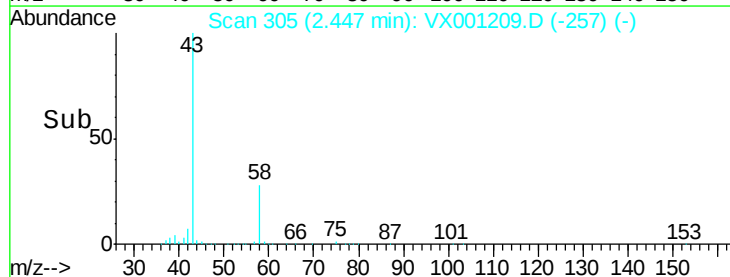
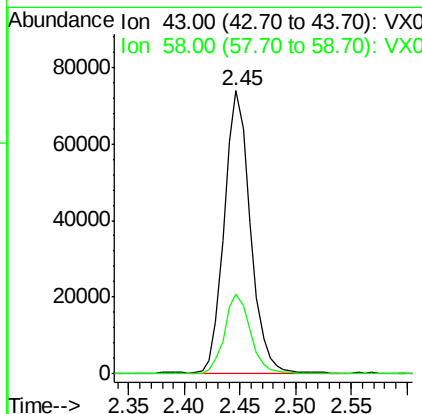
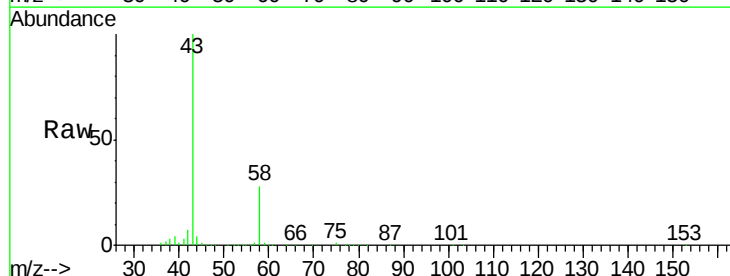
RT: 2.45 min Scan# 305

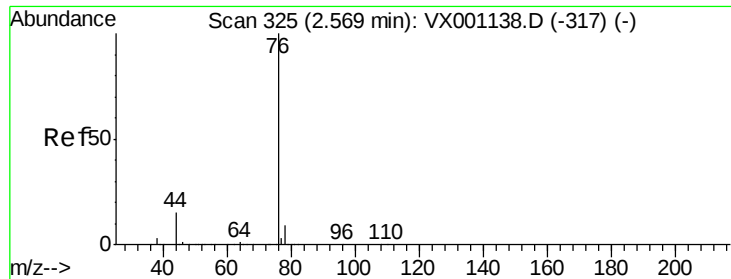
Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	43	Resp:	119039
Ion Ratio		Lower	Upper
43	100		
58	28.1	23.0	34.6





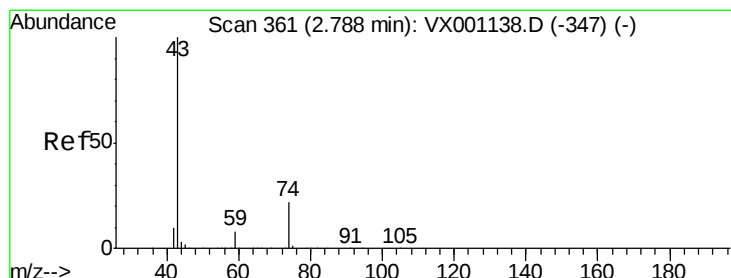
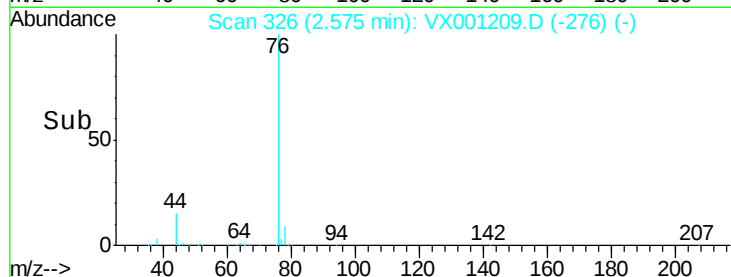
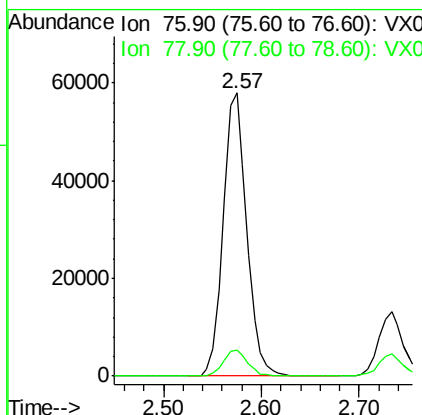
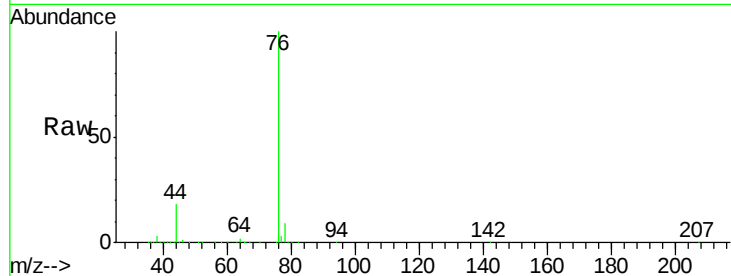
#17
Carbon Disulfide
Concen: 17.97 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

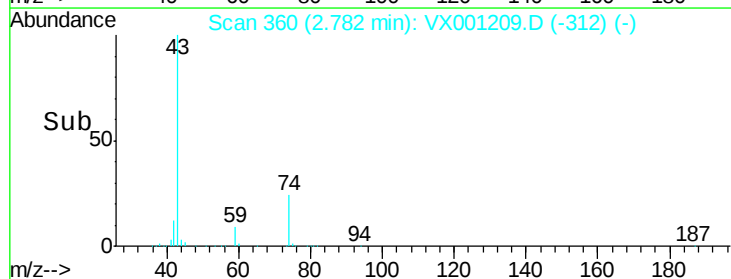
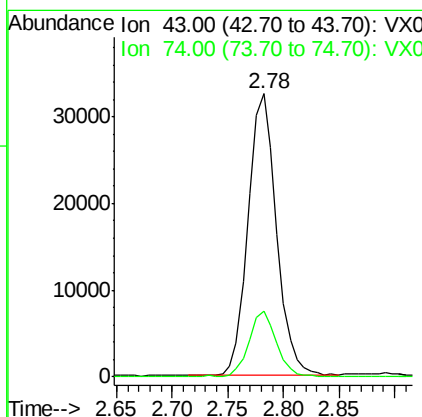
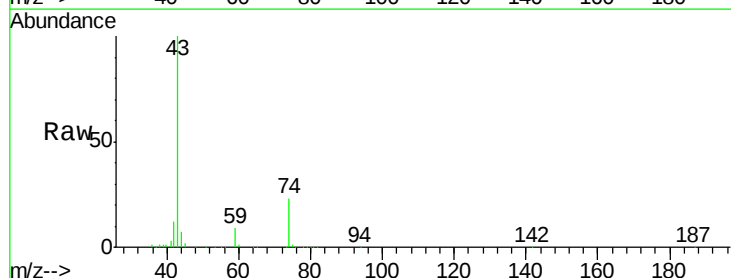
Manual Integrations
APPROVED

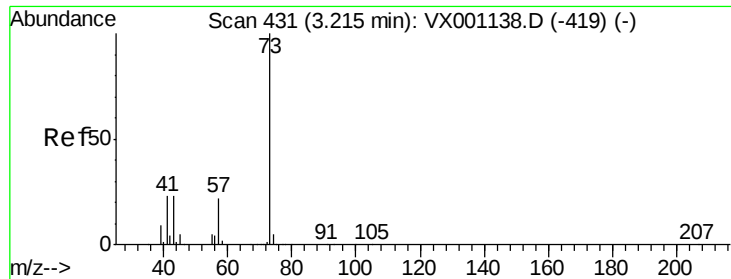
apatel
5/1/2018 7:44:39 PM



#18
Methyl Acetate
Concen: 17.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.1	27.1





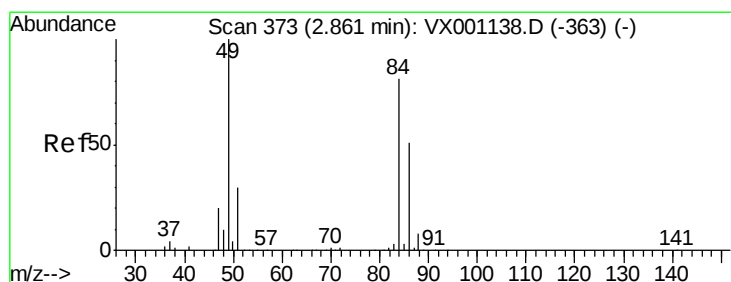
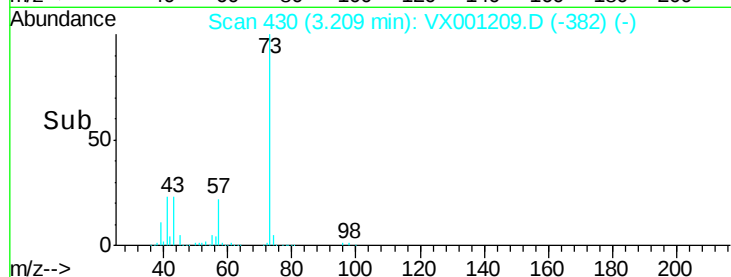
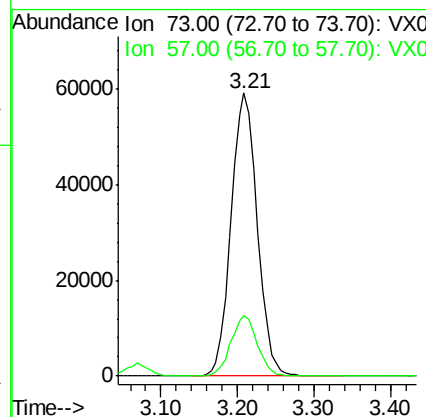
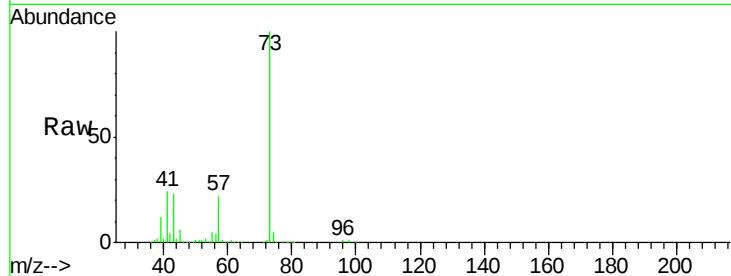
#19
Methyl tert-butyl Ether
Concen: 18.05 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion: 73 Resp: 139863
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

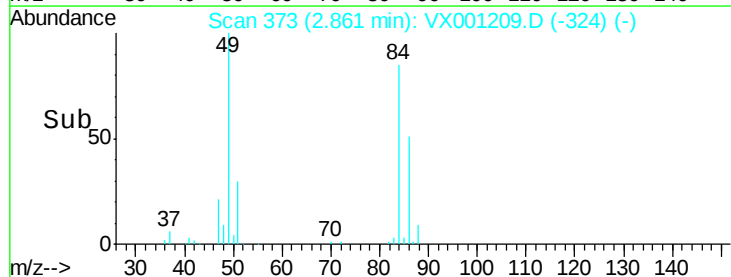
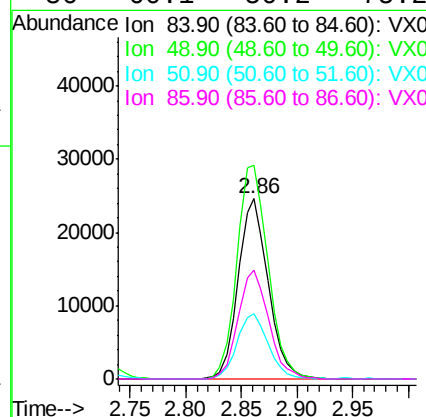
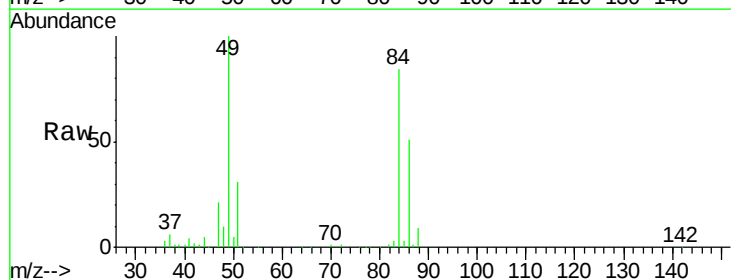
Manual Integrations
APPROVED

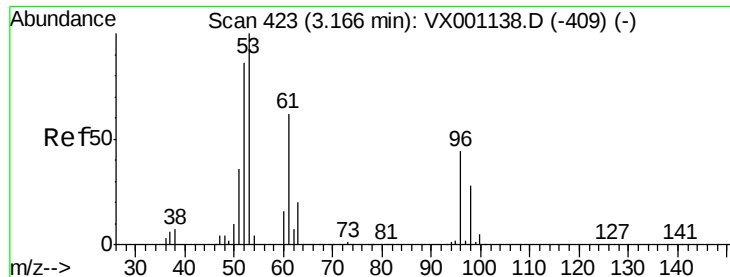
apatel
5/1/2018 7:44:39 PM



#20
Methylene Chloride
Concen: 18.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 84 Resp: 46132
Ion Ratio Lower Upper
84 100
49 118.5 99.2 148.8
51 36.0 29.5 44.3
86 60.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

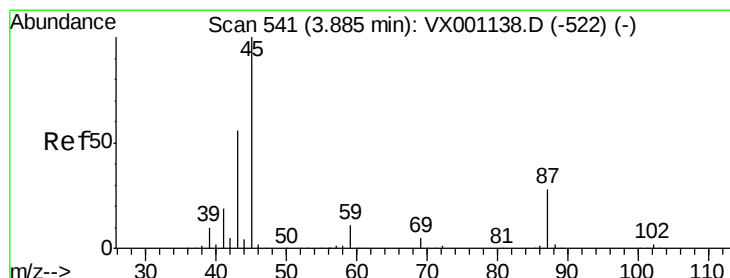
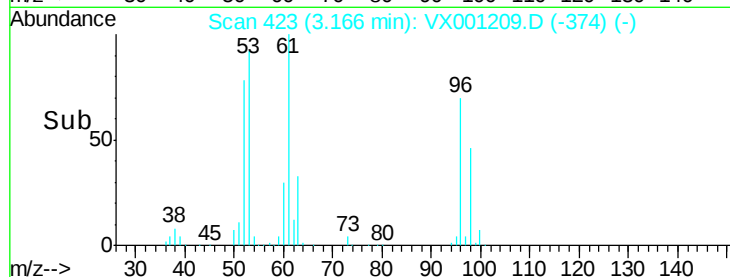
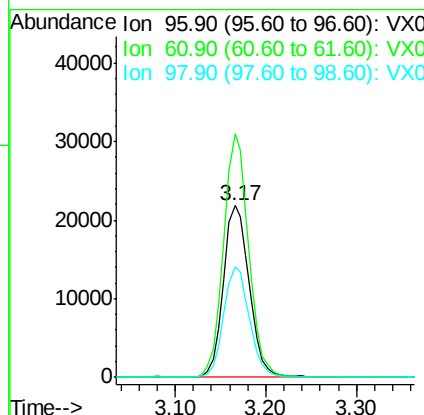
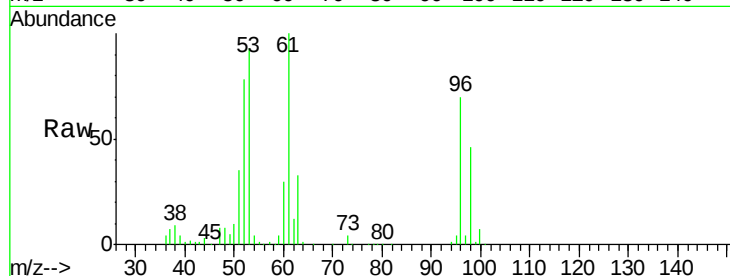
ClientSampleId :

VX0428WBS01

Tot Ion:	96	Resp:	43543
Ion	Ratio	Lower	Upper
96	100		
61	141.9	111.9	167.9
98	64.7	51.1	76.7

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#22

Diisopropyl ether

Concen: 17.57 ug/l

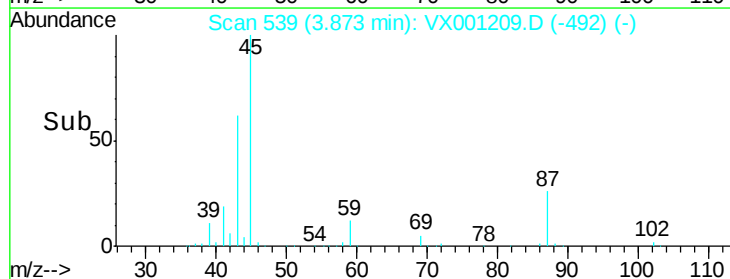
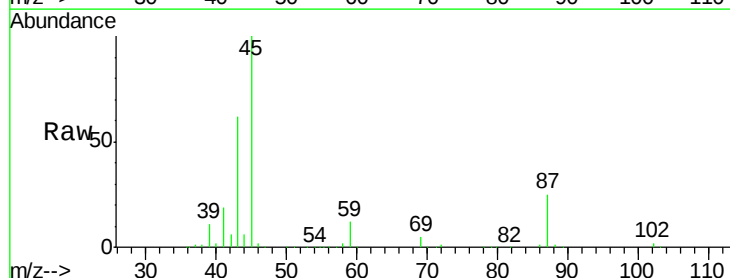
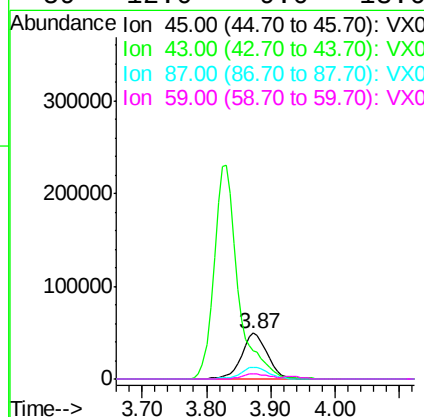
RT: 3.87 min Scan# 539

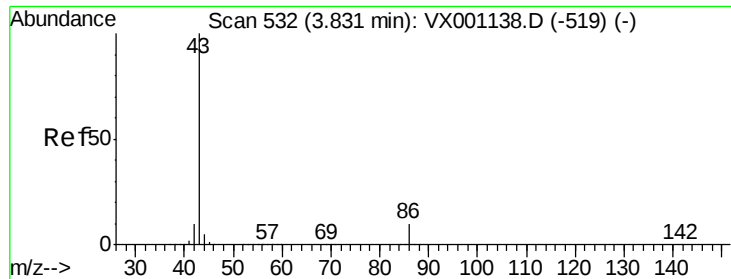
Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	45	Resp:	135018
Ion	Ratio	Lower	Upper
45	100		
43	61.6	45.0	67.4
87	25.5	22.8	34.2
59	12.0	9.0	13.6





#23

Vinyl Acetate

Concen: 92.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

Tot Ion: 43 Resp: 600495

Ion Ratio Lower Upper

43 100

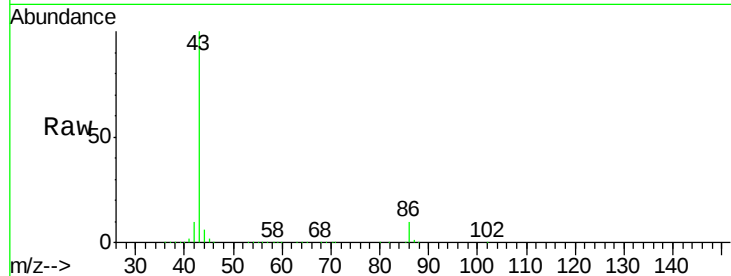
86 10.1 8.0 12.0

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

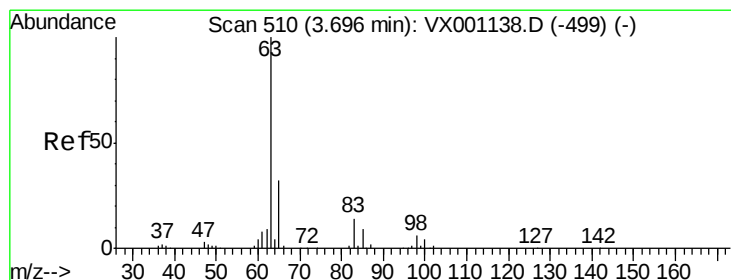
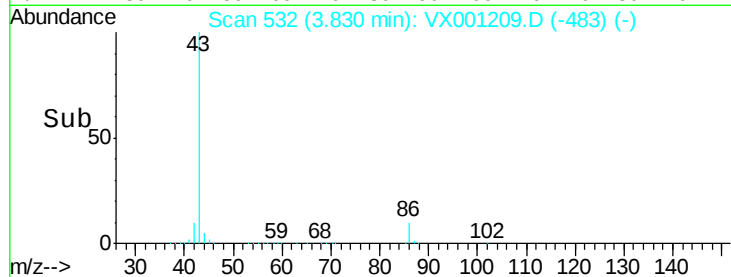
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

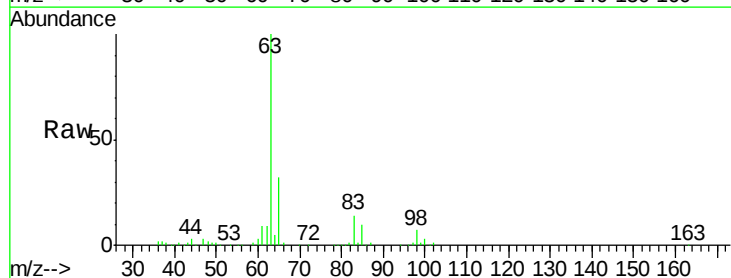
Tgt Ion: 63 Resp: 79487

Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 3.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

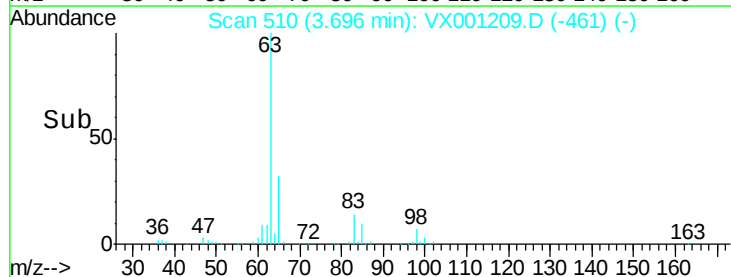
30000

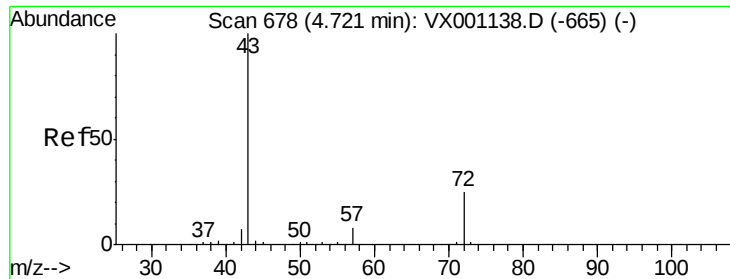
20000

10000

0

Time-->





#25

2-Butanone

Concen: 81.17 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 43 Resp: 161139

Ion Ratio Lower Upper

43 100

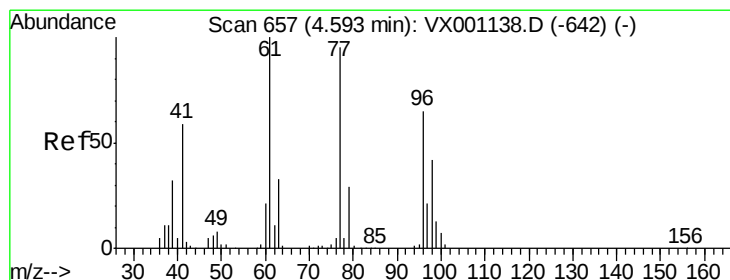
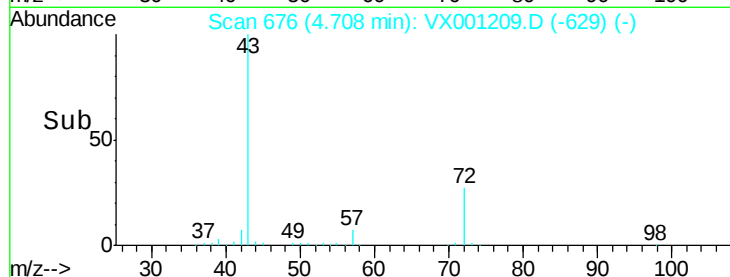
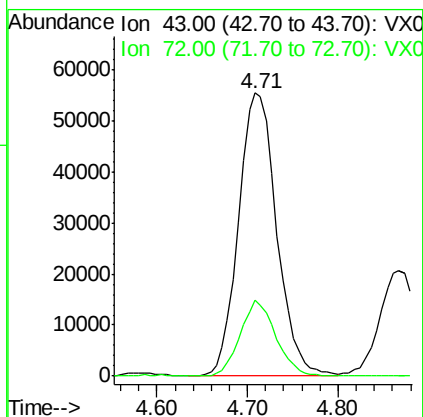
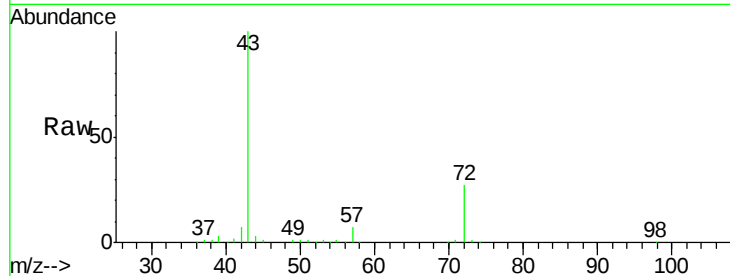
72 26.7 20.0 30.0

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



#26

2,2-Dichloropropane

Concen: 18.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001209.D

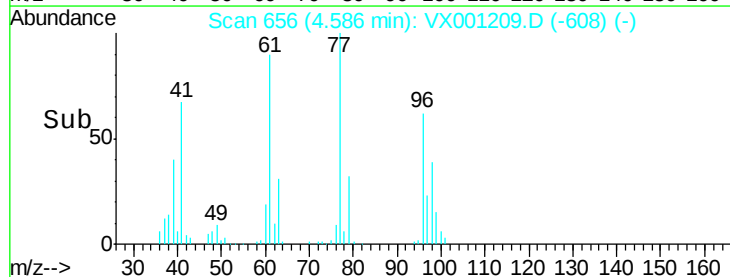
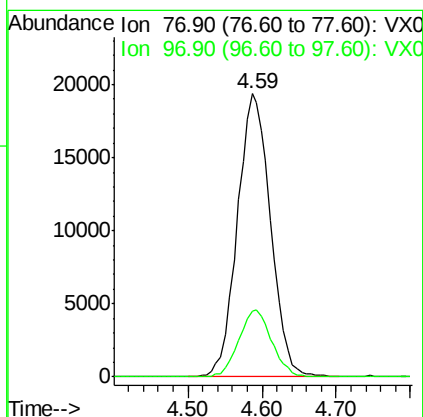
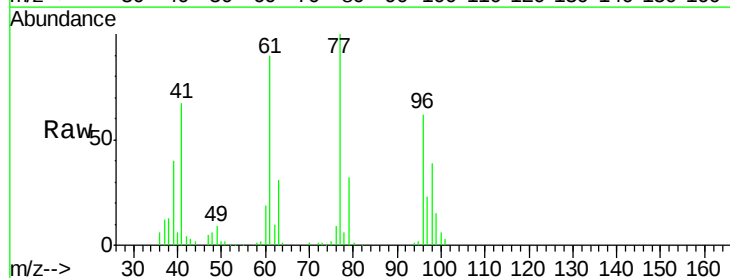
Acq: 28 Apr 2018 13:14

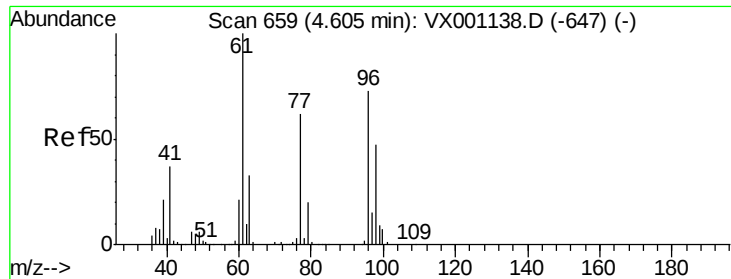
Tgt Ion: 77 Resp: 60341

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

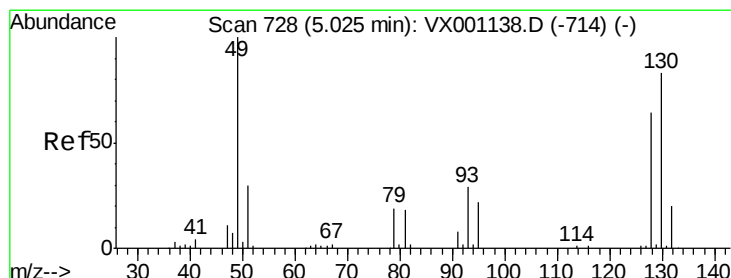
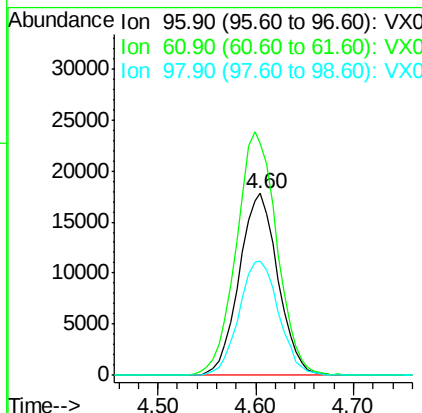
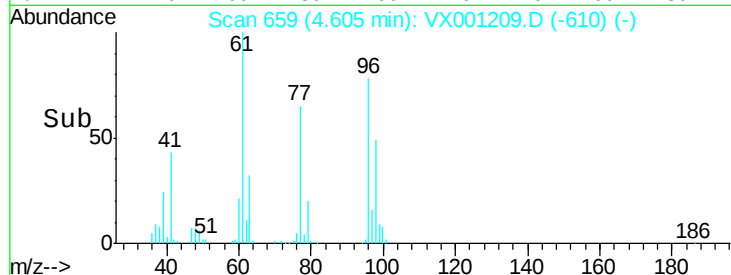
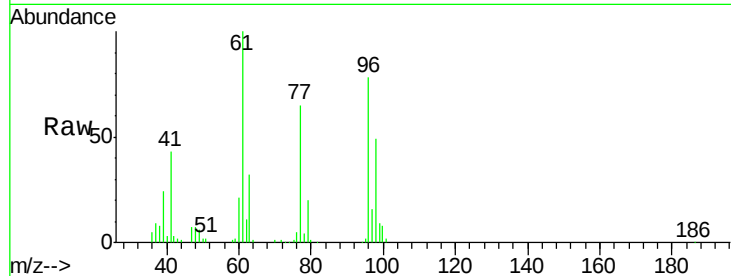
ClientSampleId :

VX0428WBS01

Tot Ion:	96	Resp:	48842
Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	289.0
98	64.7	0.0	128.2

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#28

Bromochloromethane

Concen: 19.78 ug/l

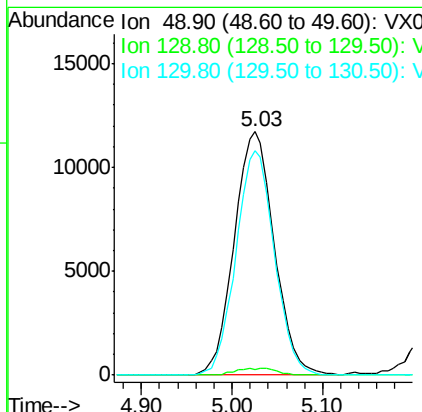
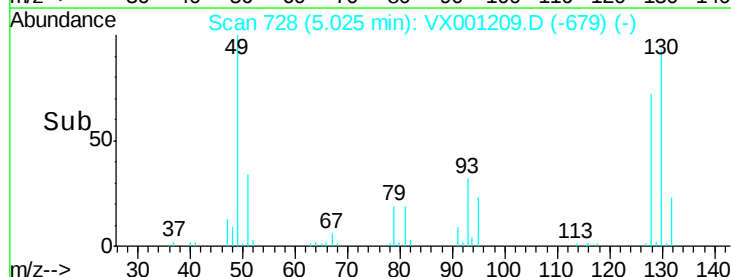
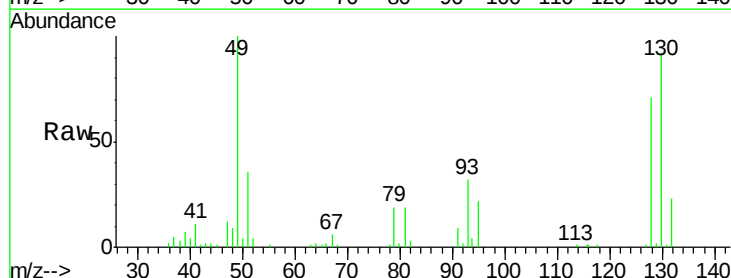
RT: 5.03 min Scan# 728

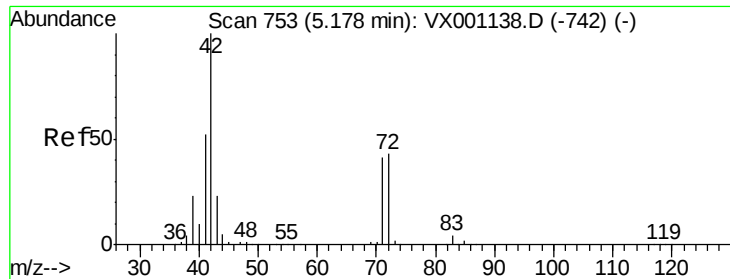
Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	49	Resp:	35807
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	88.5	68.2	102.2





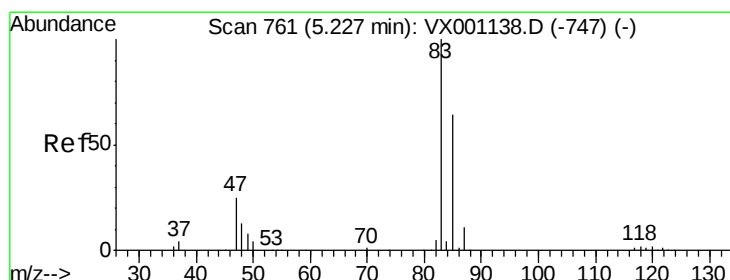
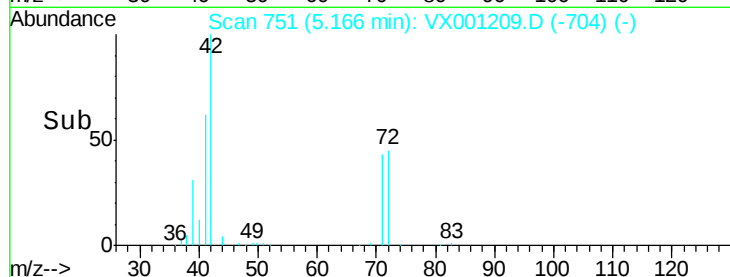
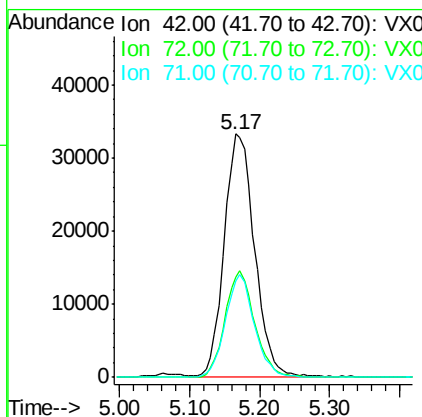
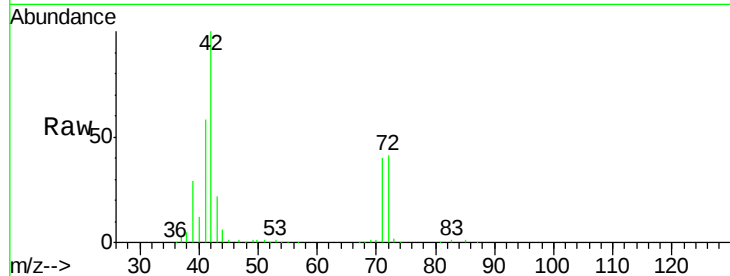
#29
Tetrahydrofuran
Concen: 78.29 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.4	51.6
71	40.3	32.1	48.1

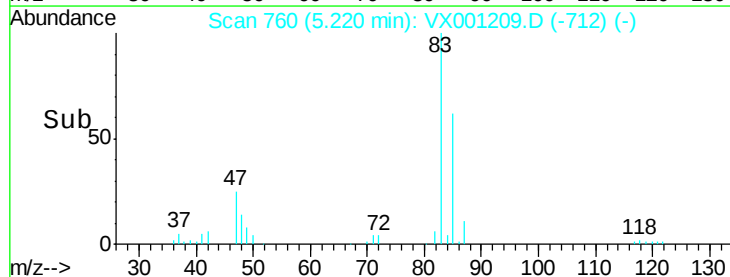
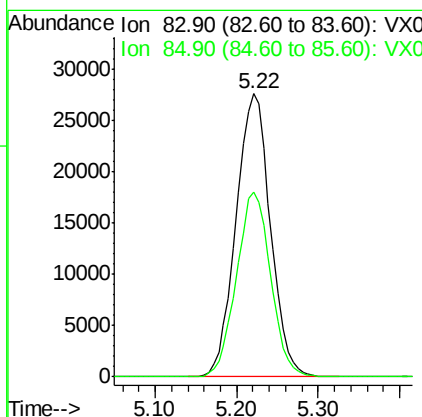
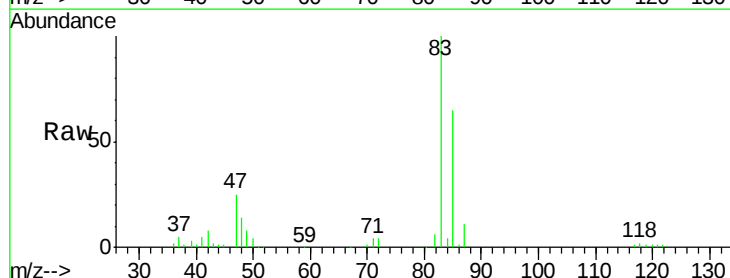
Manual Integrations
APPROVED

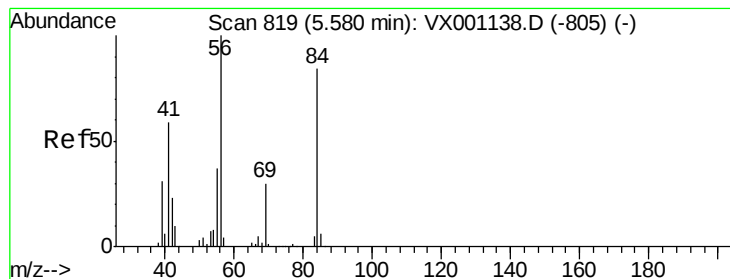
apatel
5/1/2018 7:44:39 PM



#30
Chloroform
Concen: 18.86 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.0





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

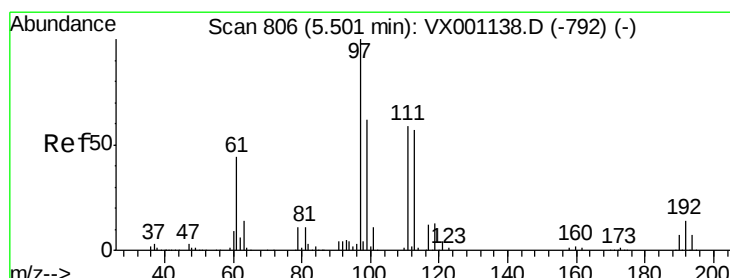
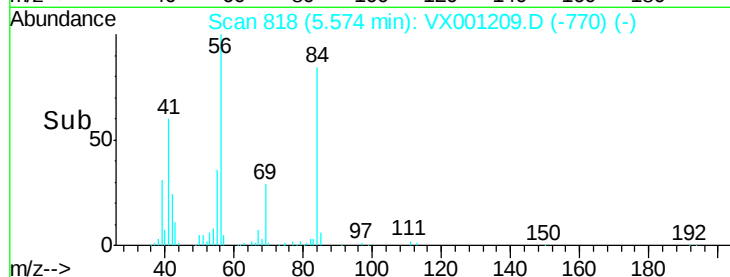
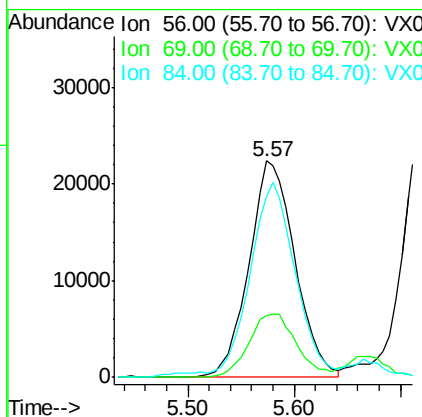
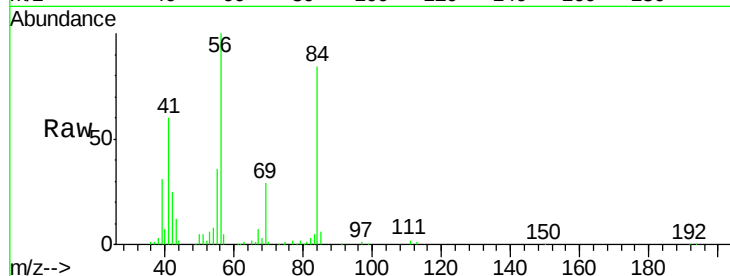
ClientSampleId :

VX0428WBS01

Tot Ion:	56	Resp:	67537
Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.2	36.2
84	81.7	67.5	101.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#32

1,1,1-Trichloroethane

Concen: 19.25 ug/l

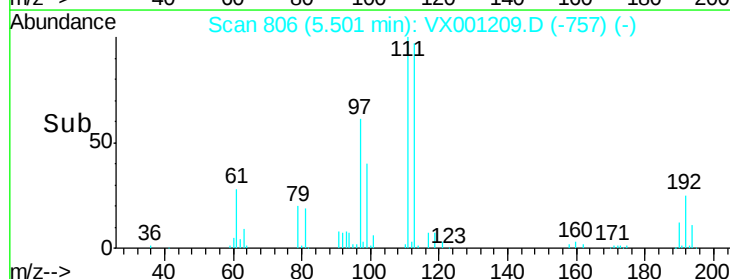
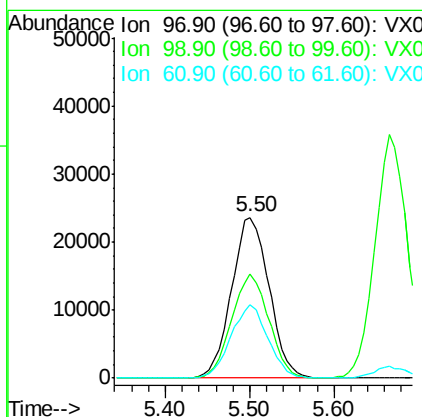
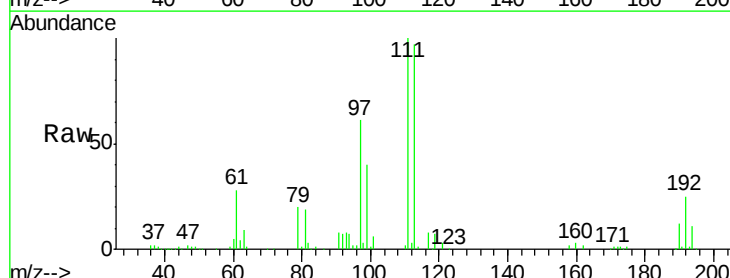
RT: 5.50 min Scan# 806

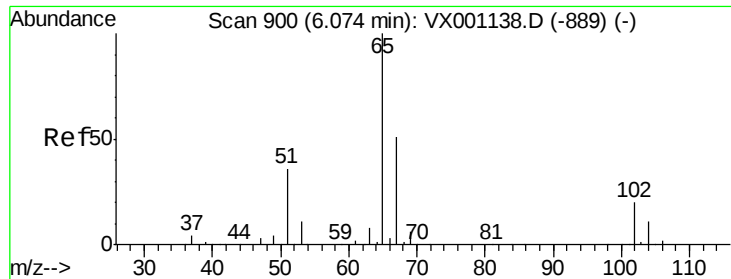
Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	97	Resp:	71363
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	45.0	35.0	52.6





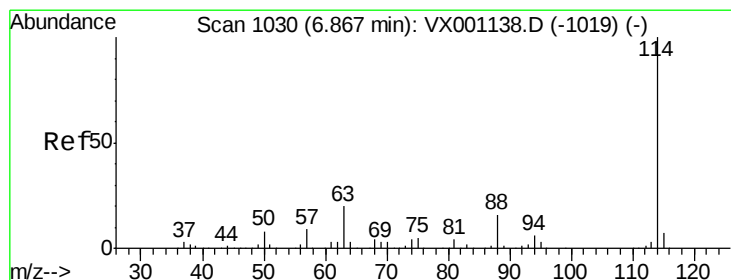
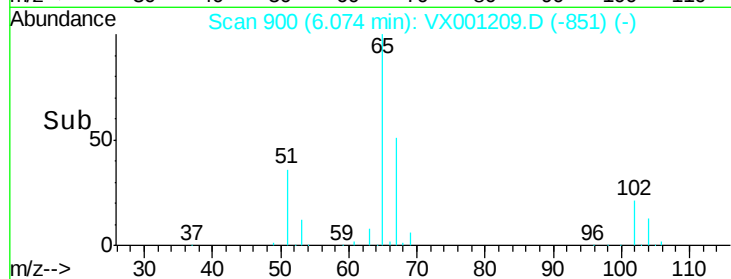
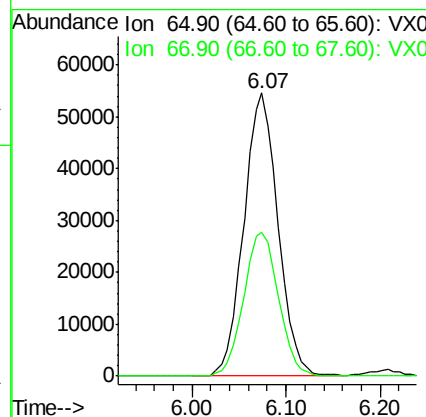
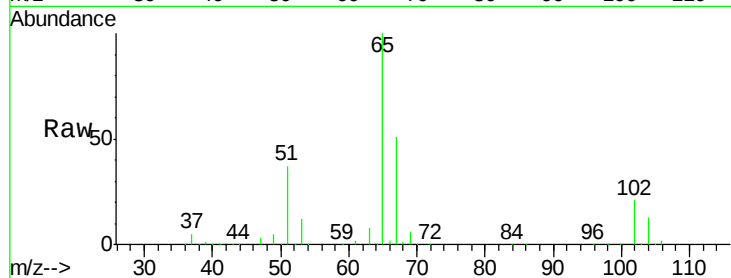
#33
 1,2-Dichloroethane-d4
 Concen: 42.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138588		
67	52.0	0.0	102.2	

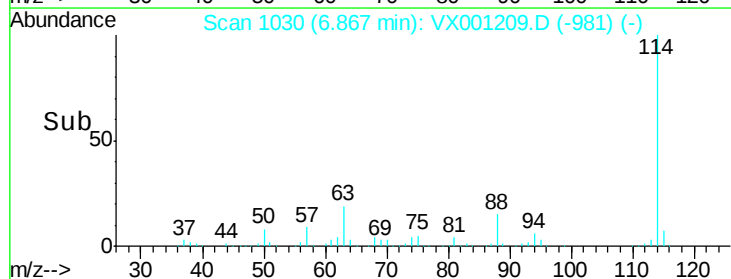
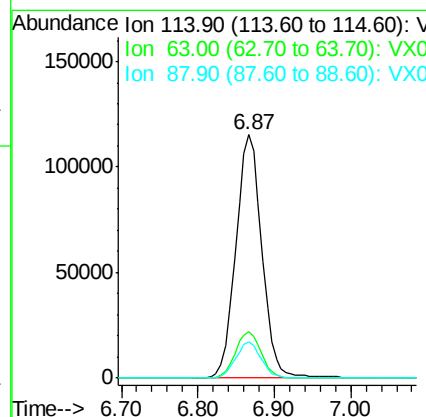
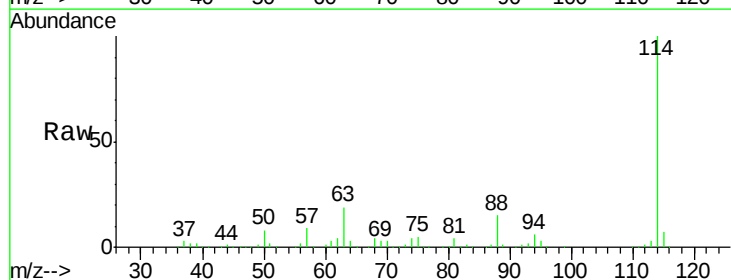
Manual Integrations
 APPROVED

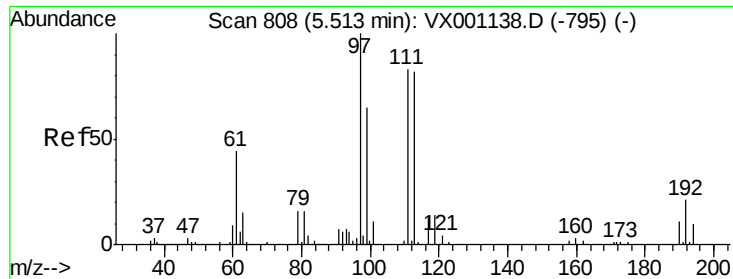
apatel
 5/1/2018 7:44:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	271035		
63	19.0	0.0	40.4	
88	14.8	0.0	31.8	





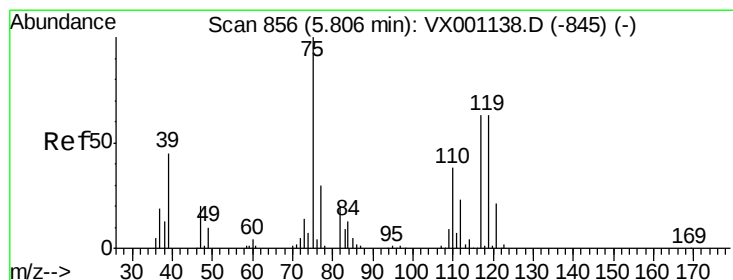
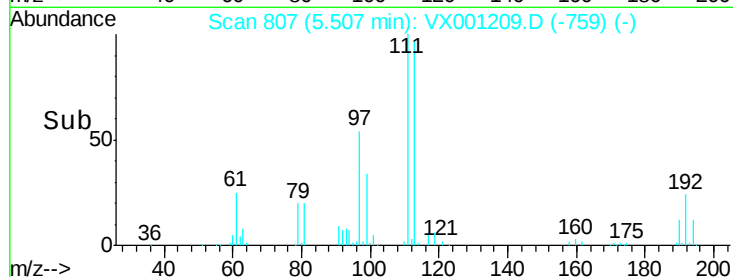
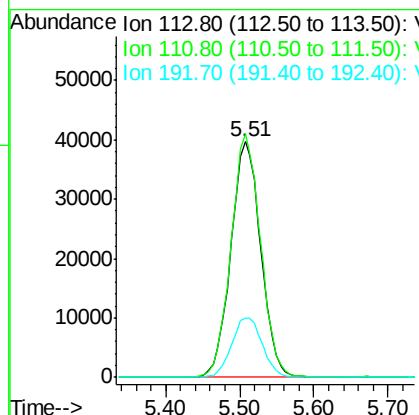
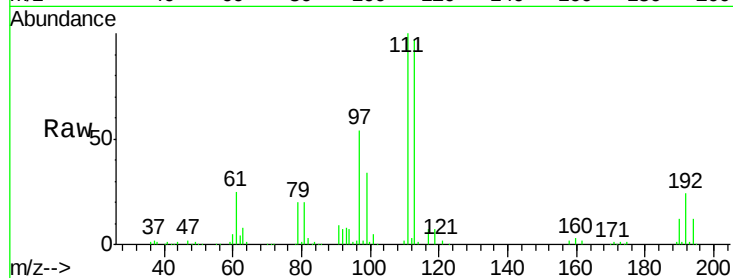
#35
 Dibromofluoromethane
 Concen: 49.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111595		
111	102.2	82.2	123.4	
192	25.9	20.6	30.8	

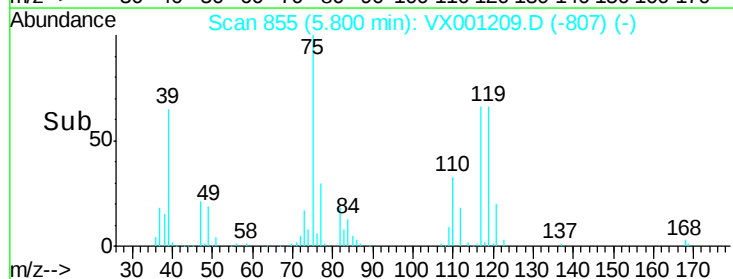
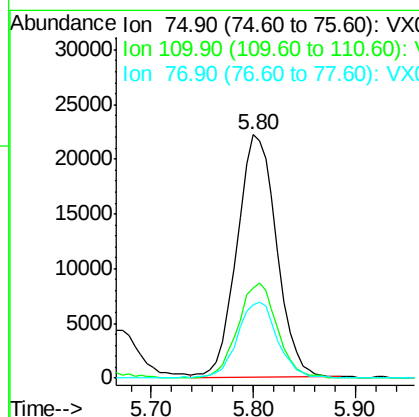
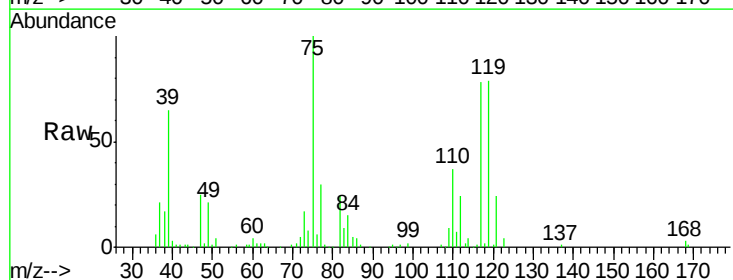
Manual Integrations
 APPROVED

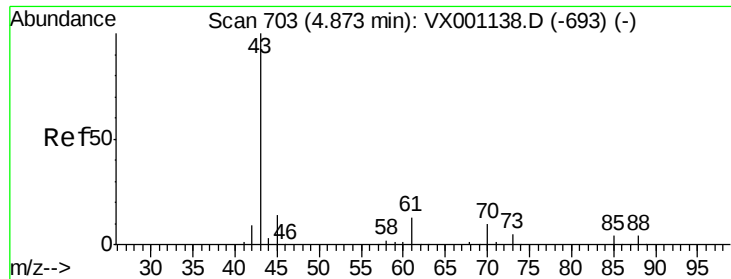
apatel
 5/1/2018 7:44:39 PM



#36
 1,1-Dichloropropene
 Concen: 19.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59600		
110	39.0	19.0	57.0	
77	32.0	24.8	37.2	





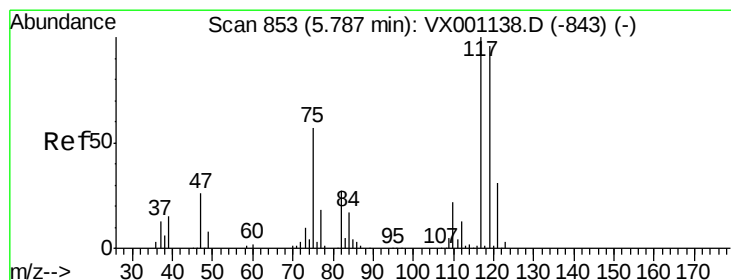
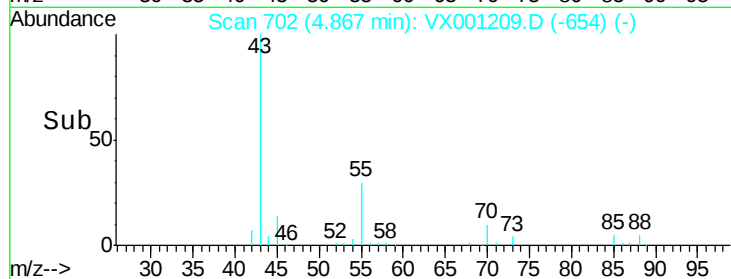
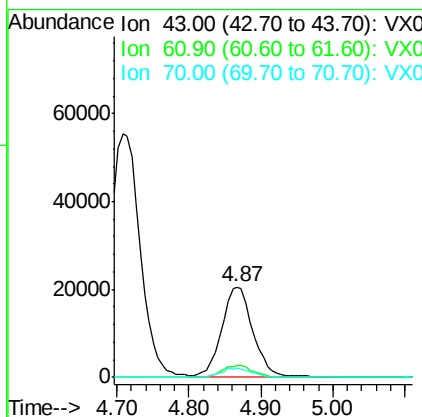
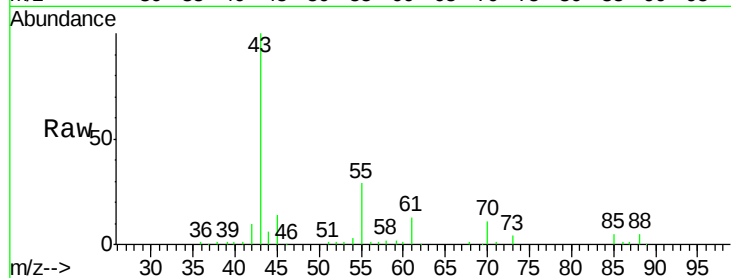
#37
Ethyl Acetate
Concen: 17.13 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.0	8.2	12.2

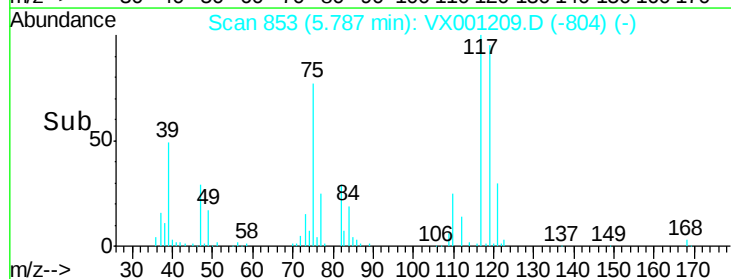
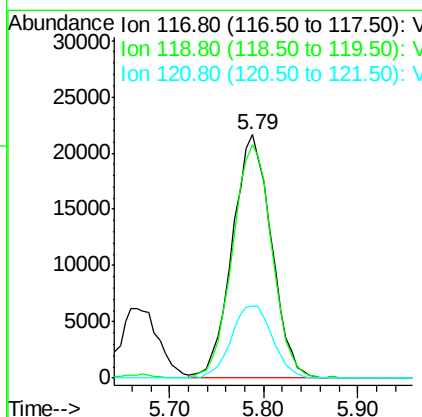
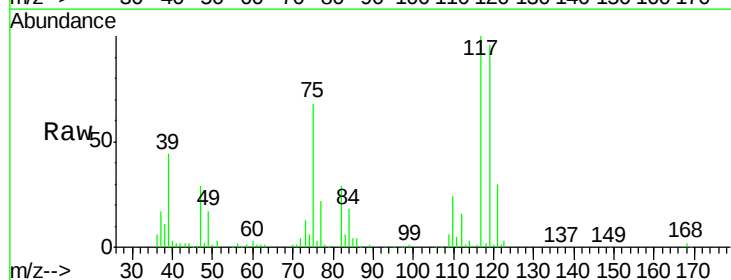
Manual Integrations
APPROVED

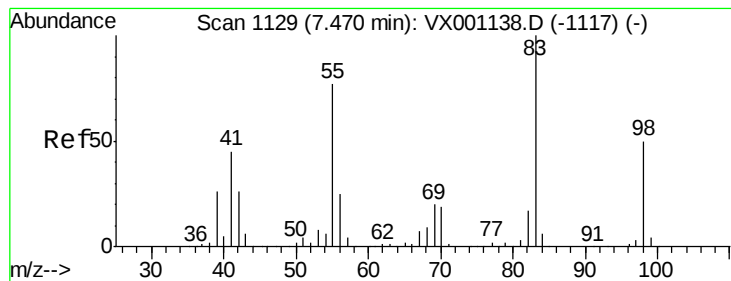
apatel
5/1/2018 7:44:39 PM



#38
Carbon Tetrachloride
Concen: 20.46 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
121	29.8	24.6	37.0





#39

Methvlcvclohexane

Concen: 21.27 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

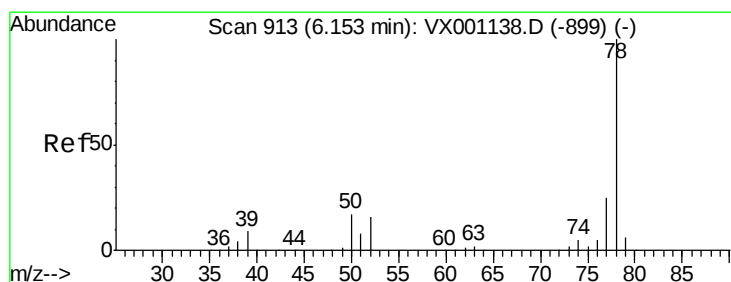
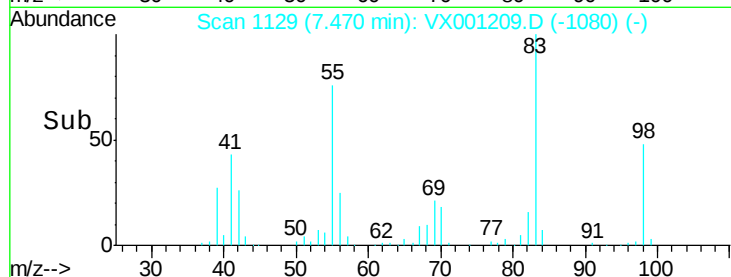
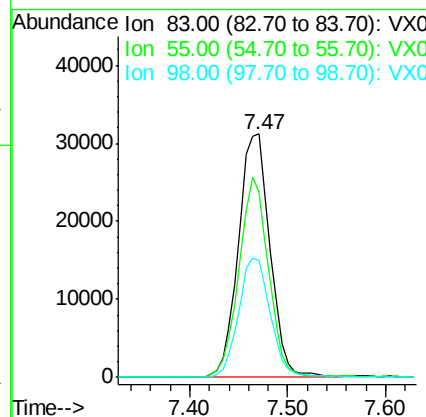
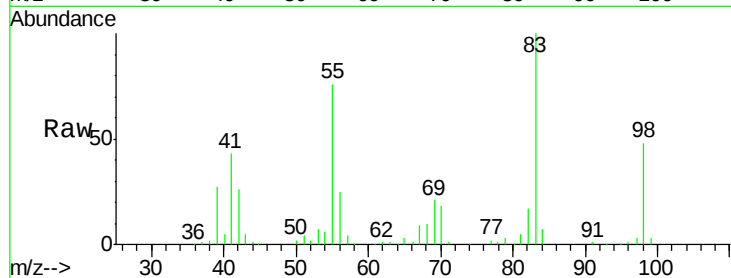
ClientSampleId :

VX0428WBS01

Tot Ion:	83	Resp:	70315
Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.8	92.6
98	47.9	40.0	60.0

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#40

Benzene

Concen: 20.65 ug/l

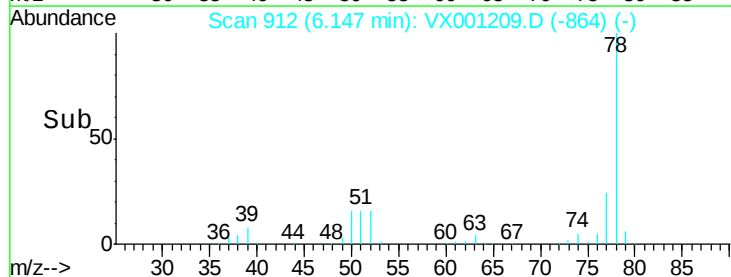
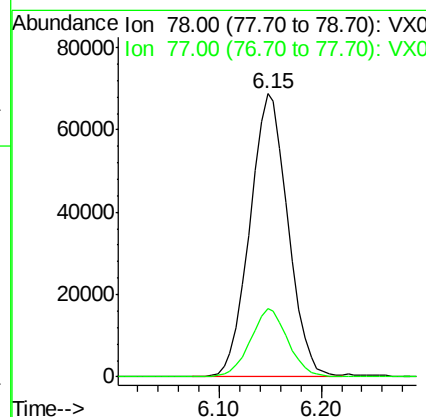
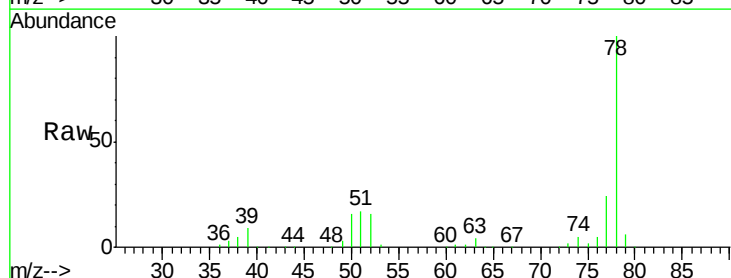
RT: 6.15 min Scan# 912

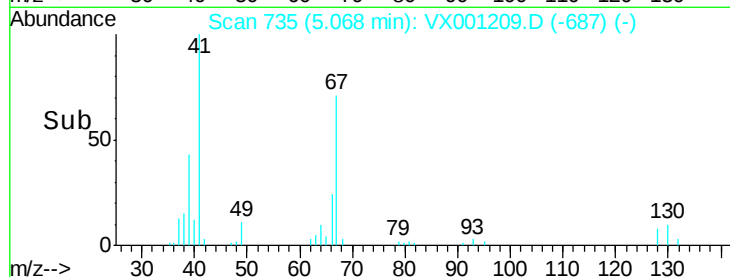
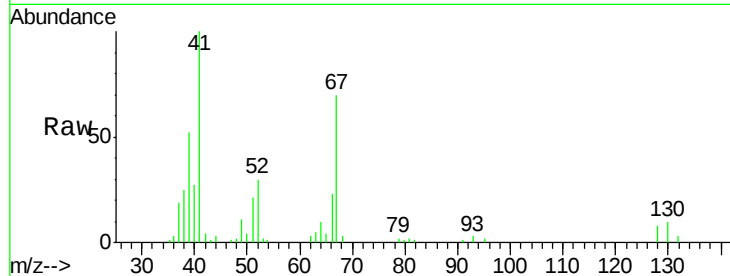
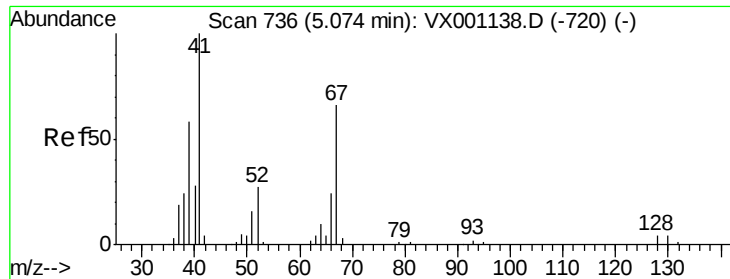
Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

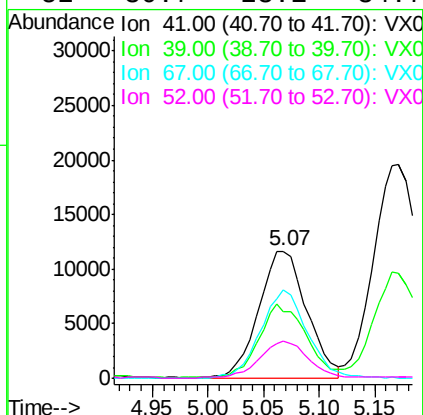
Tgt Ion:	78	Resp:	178432
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





#41
Methacrylonitrile
Concen: 17.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

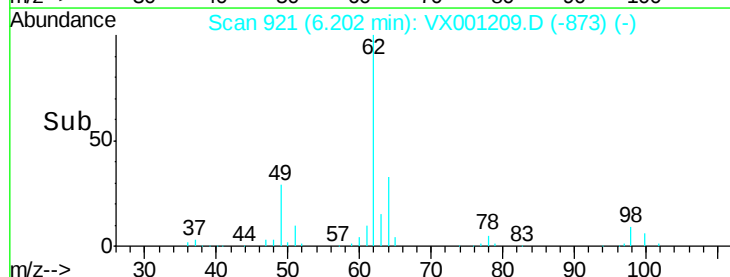
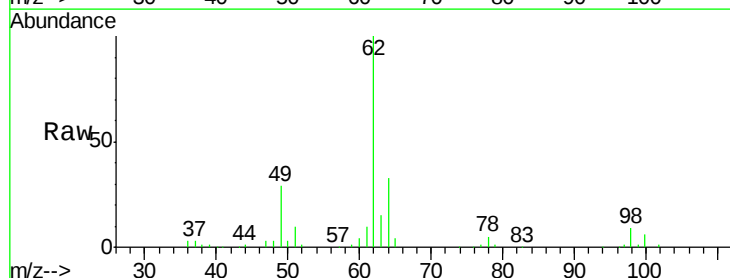
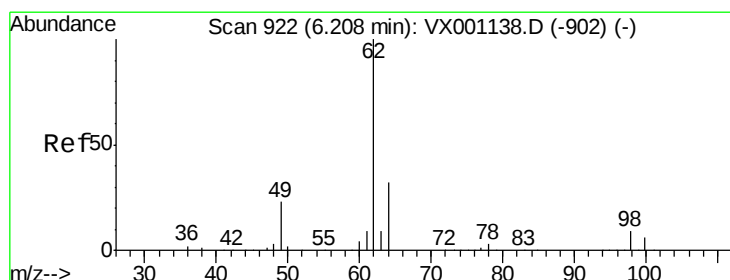
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	57.5	45.9	68.9	
67	67	68.5	53.2	79.8	
52	52	30.7	23.1	34.7	



Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

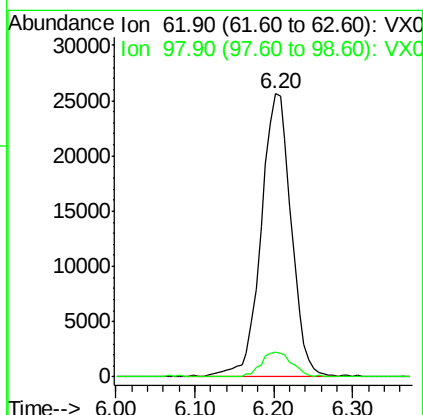
Manual Integrations
APPROVED

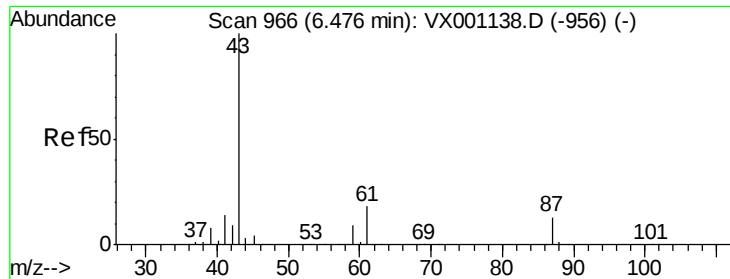
apatel
5/1/2018 7:44:39 PM



#42
1,2-Dichloroethane
Concen: 19.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	9.1	0.0	17.0	





#43

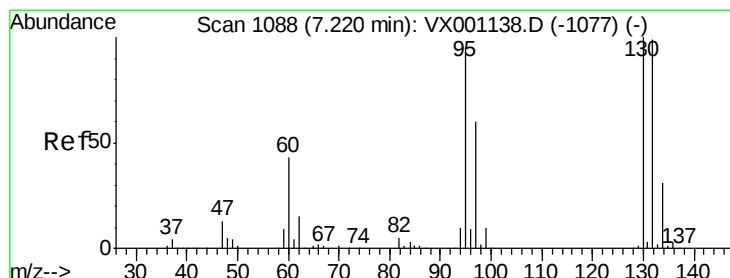
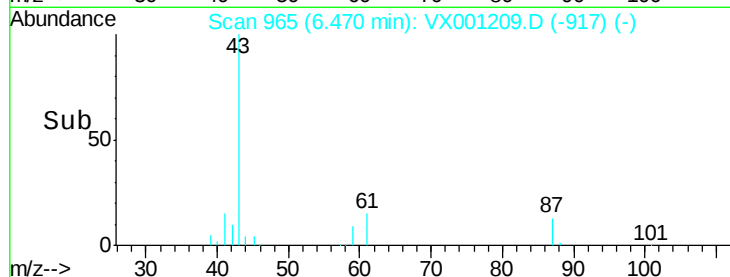
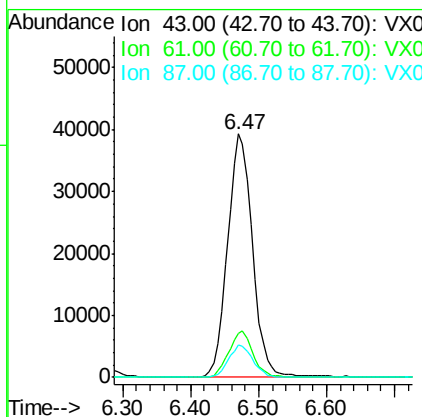
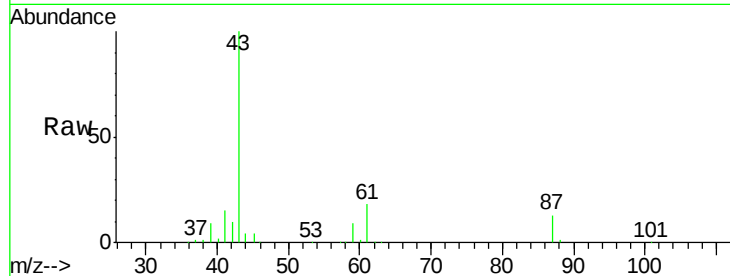
Isopropyl Acetate
 Concen: 17.77 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.6
87	12.8	10.3	15.5

Manual Integrations
 APPROVED

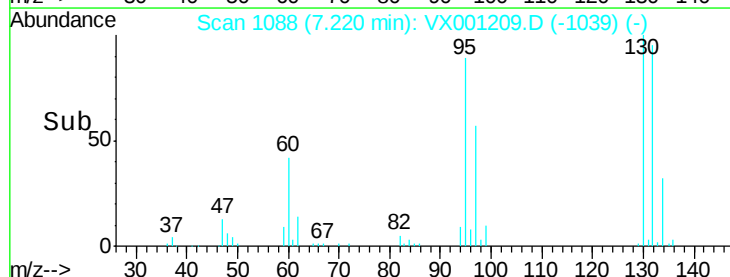
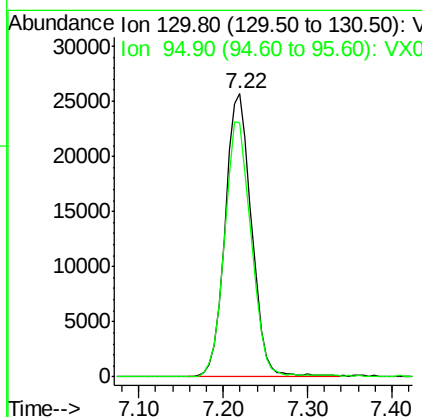
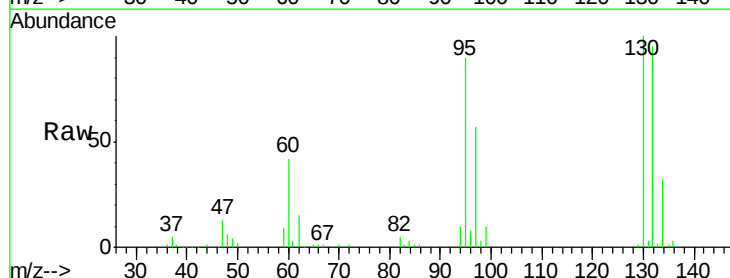
apatel
 5/1/2018 7:44:39 PM

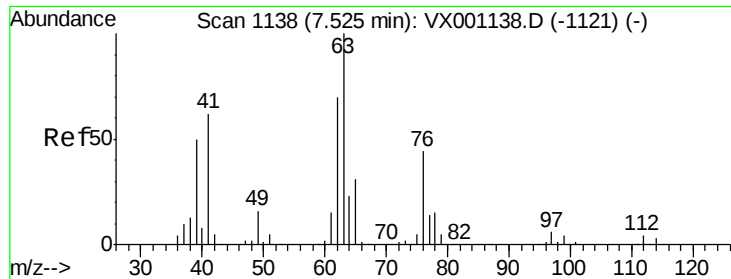


#44

Trichloroethene
 Concen: 21.41 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	189.6





#45

1,2-Dichloropropane

Concen: 19.47 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

Tot Ion: 63 Resp: 44249

Ion Ratio Lower Upper

63 100

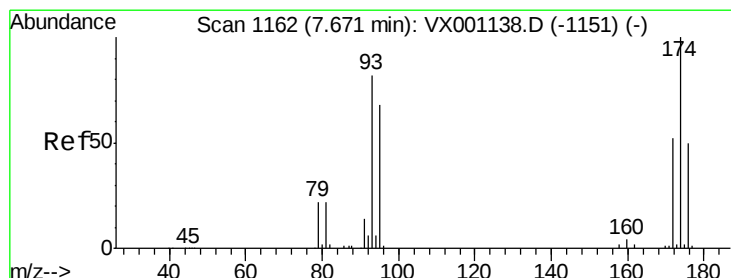
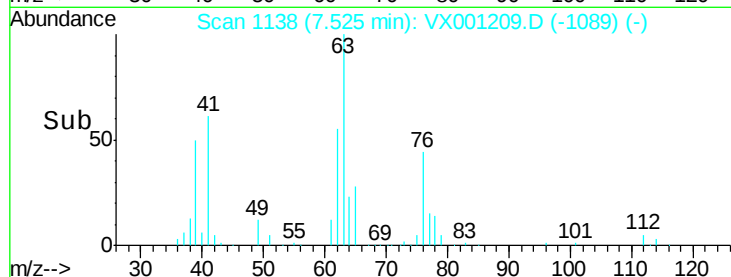
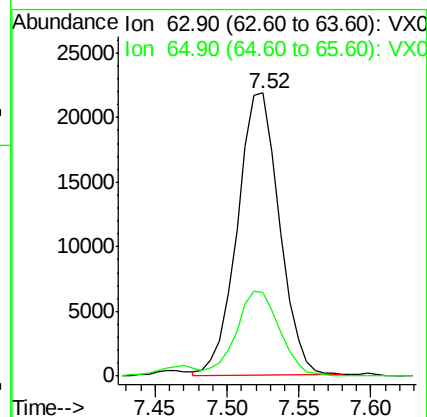
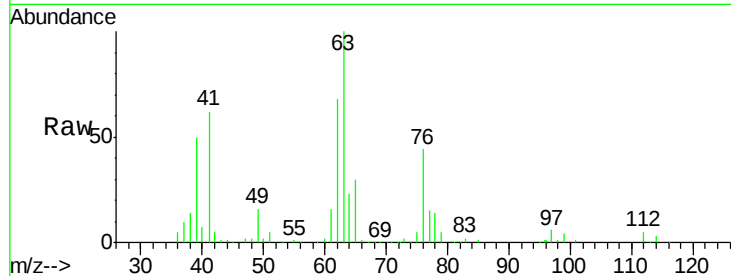
65 29.5 24.9 37.3

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



#46

Dibromomethane

Concen: 20.13 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

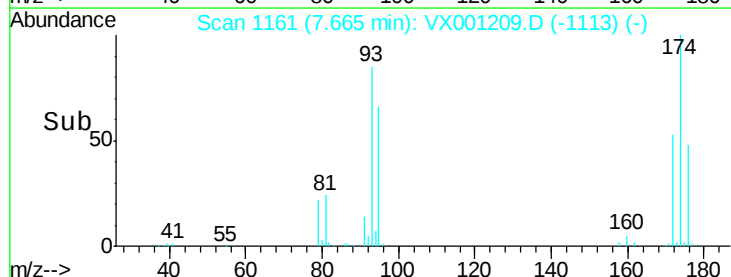
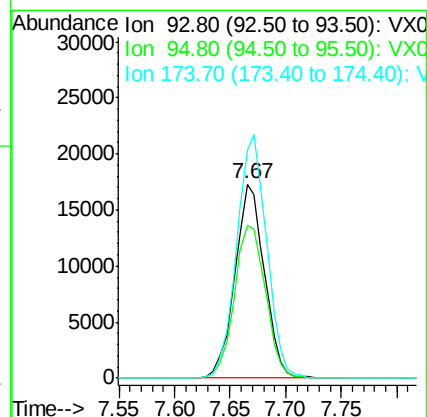
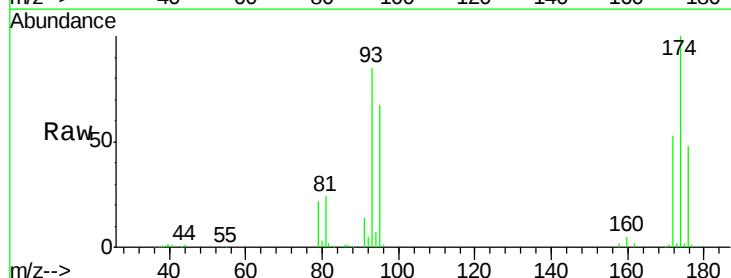
Tgt Ion: 93 Resp: 31680

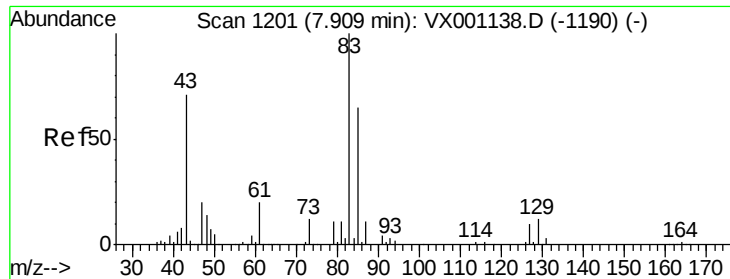
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 127.8 99.6 149.4





#47

Bromodichloromethane

Concen: 20.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 83 Resp: 57948

Ion Ratio Lower Upper

83 100

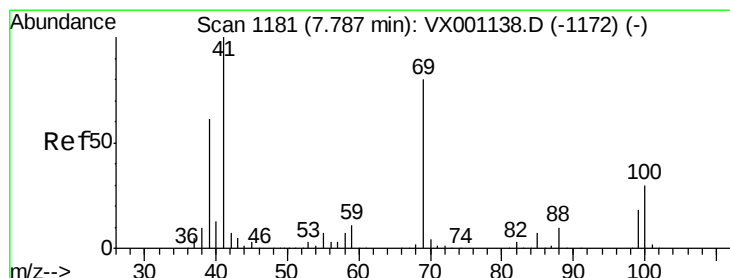
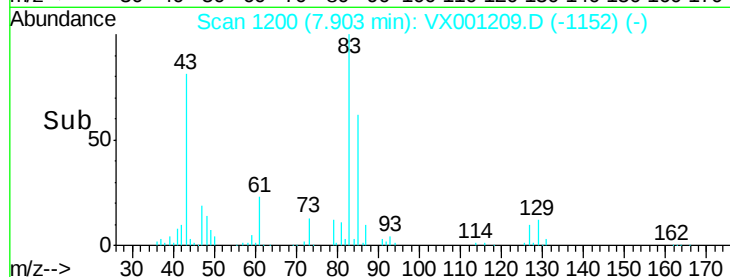
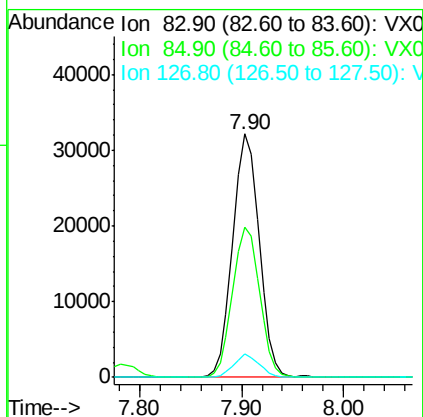
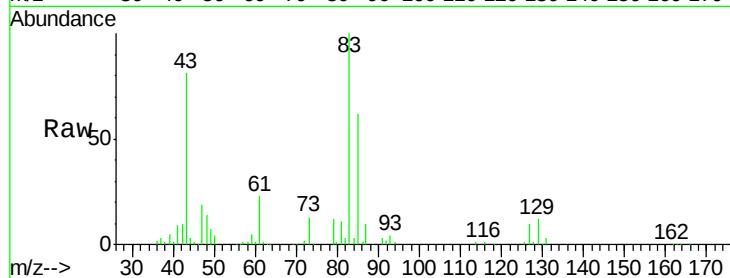
85 61.9 51.9 77.9

127 9.7 7.7 11.5

Manual Integrations
APPROVED

apatel

5/1/2018 7:44:39 PM



#48

Methyl methacrylate

Concen: 17.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

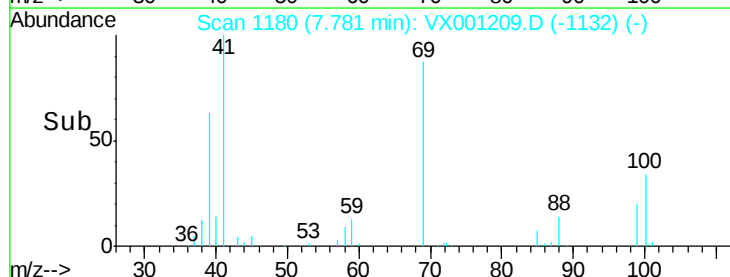
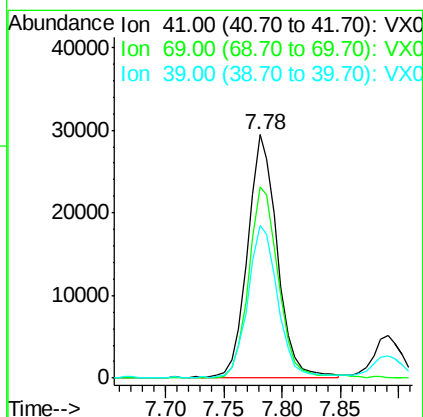
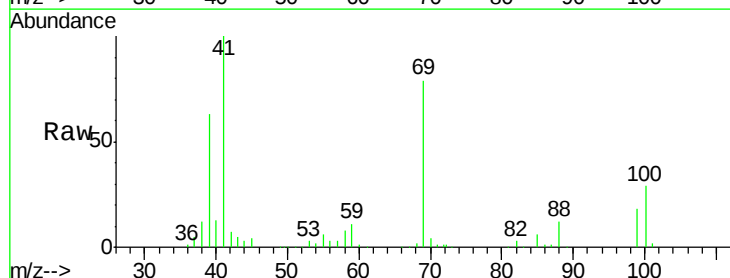
Tgt Ion: 41 Resp: 52215

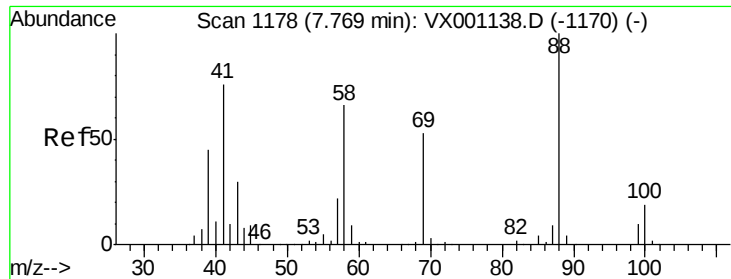
Ion Ratio Lower Upper

41 100

69 79.6 62.4 93.6

39 63.5 48.7 73.1





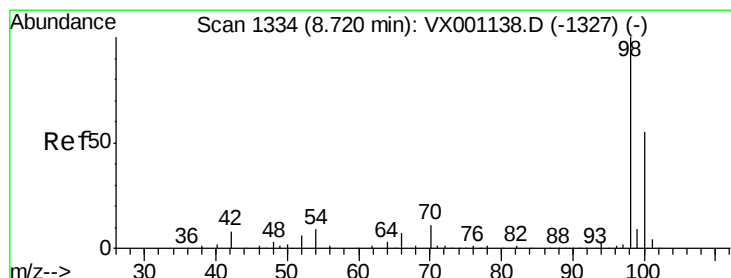
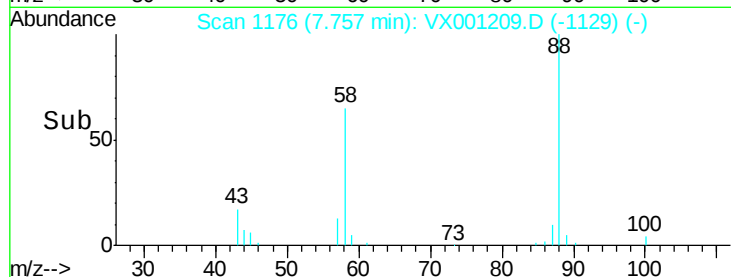
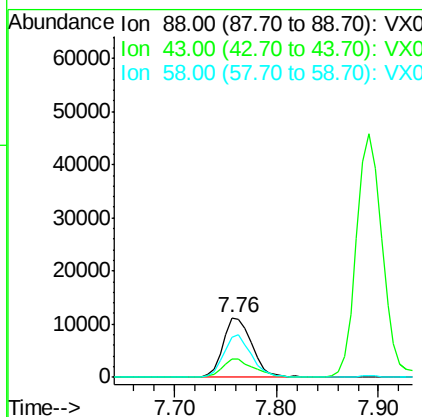
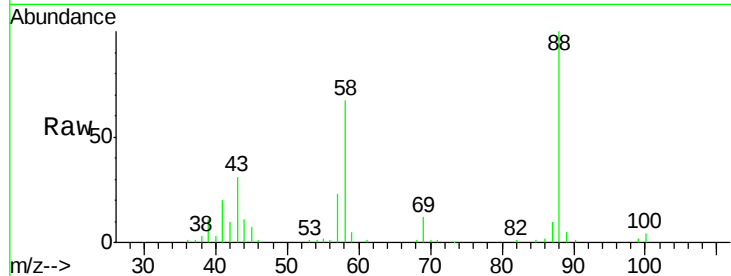
#49
 1,4-Dioxane
 Concen: 369.67 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	88	Resp	22098
Ion Ratio	Lower	Upper	
88	100		
43	34.7	27.3	40.9
58	67.4	54.2	81.4

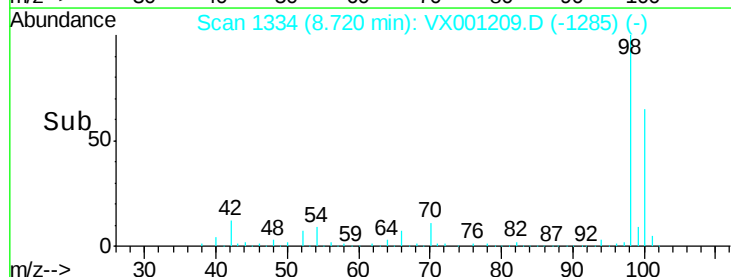
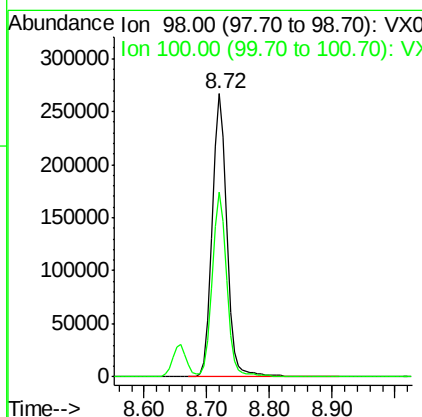
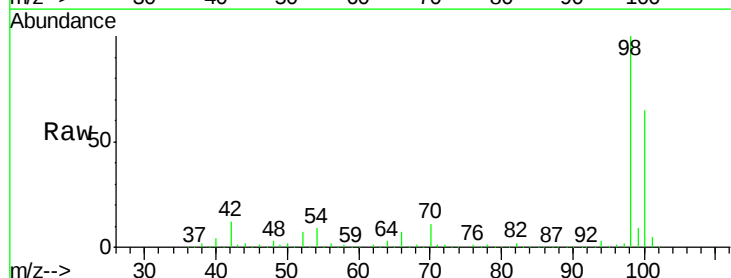
Manual Integrations
 APPROVED

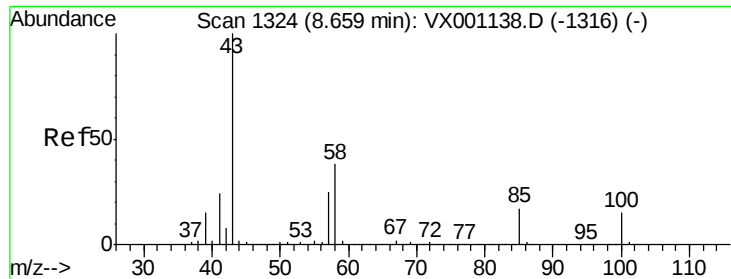
apatel
 5/1/2018 7:44:39 PM



#50
 Toluene-d8
 Concen: 51.11 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	98	Resp	432728
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 89.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 43 Resp: 329428

Ion Ratio Lower Upper

43 100

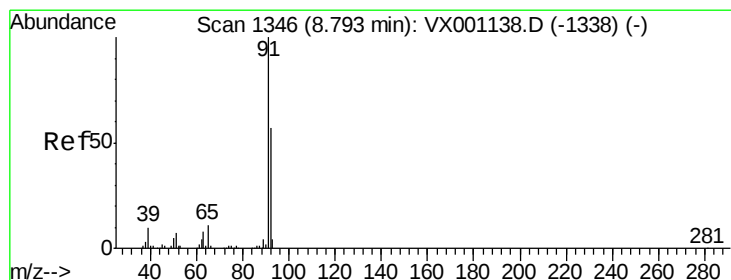
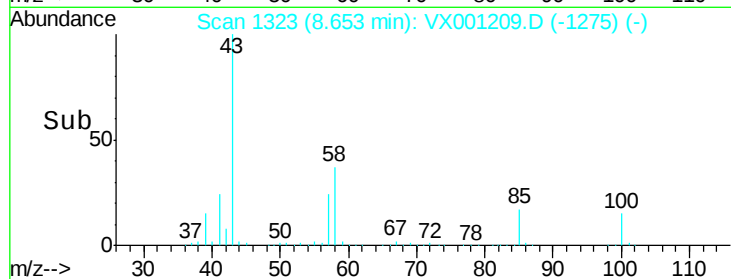
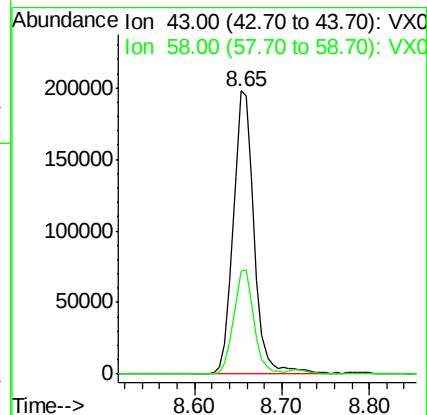
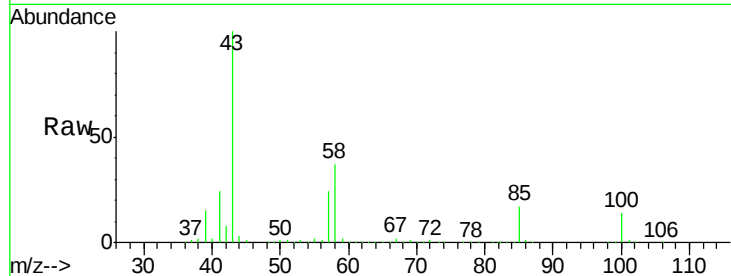
58 35.9 30.2 45.2

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



#52

Toluene

Concen: 20.80 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001209.D

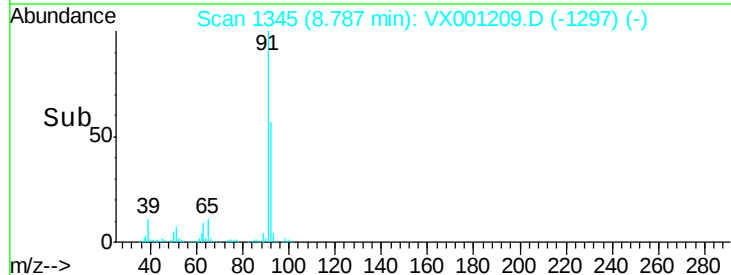
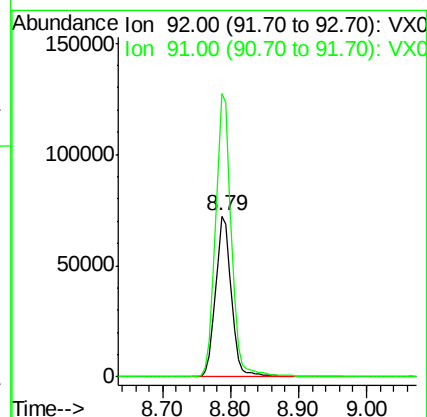
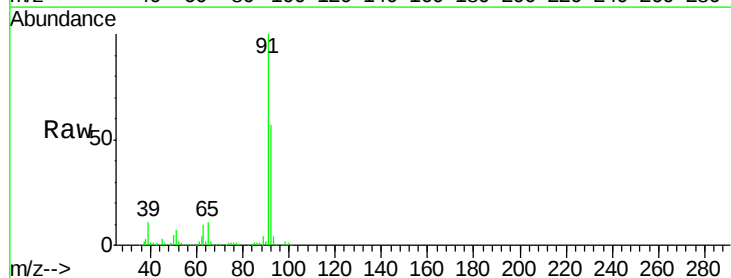
Acq: 28 Apr 2018 13:14

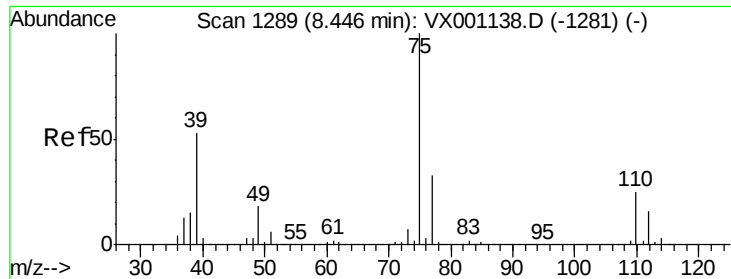
Tgt Ion: 92 Resp: 117498

Ion Ratio Lower Upper

92 100

91 175.6 139.8 209.6





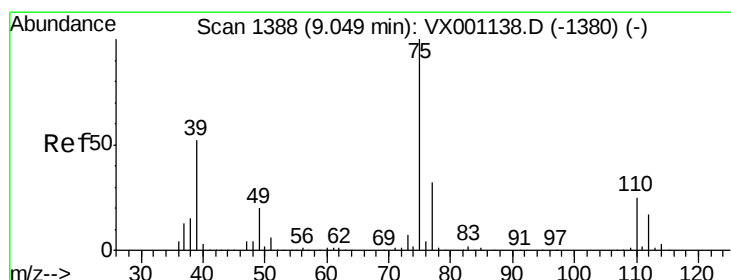
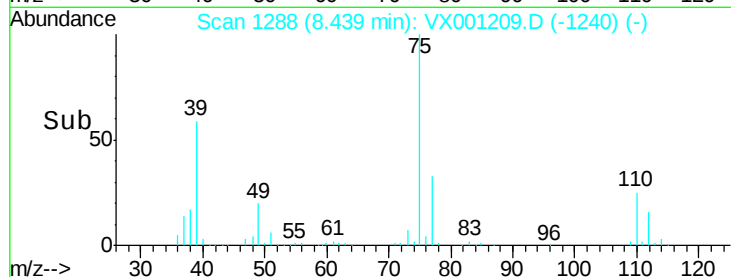
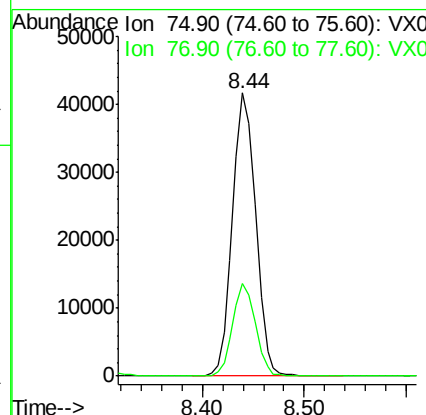
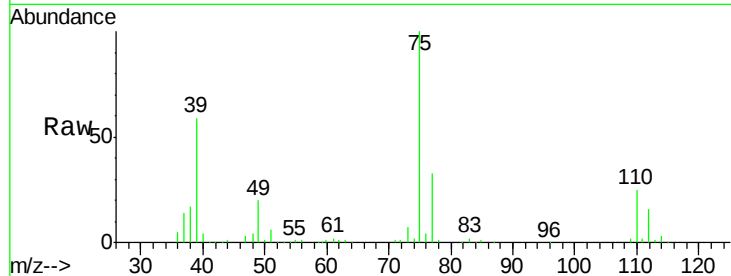
#53
t-1,3-Dichloropropene
Concen: 19.78 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion: 75 Resp: 65736
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4

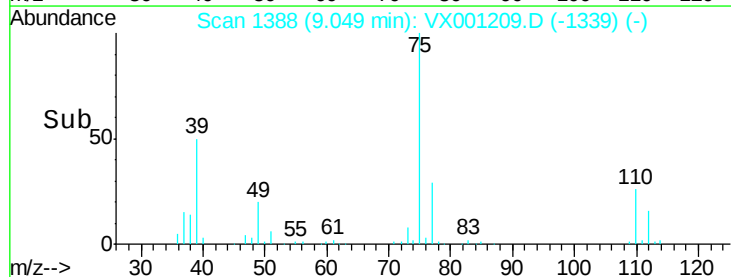
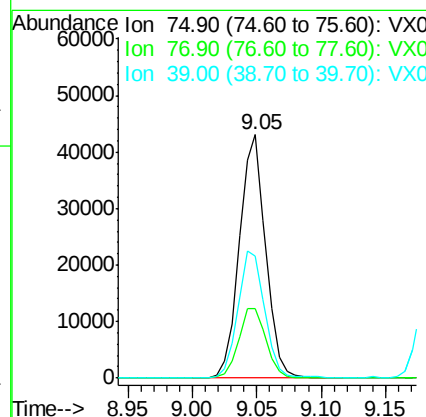
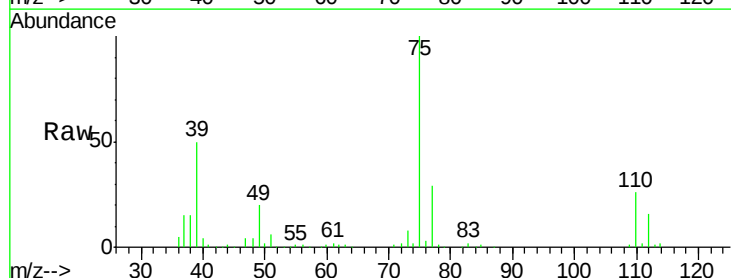
Manual Integrations
APPROVED

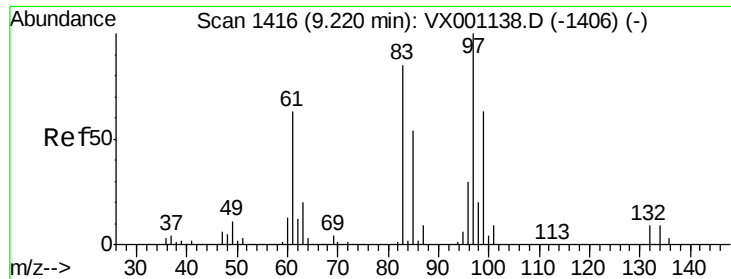
apatel
5/1/2018 7:44:39 PM



#54
cis-1,3-Dichloropropene
Concen: 18.92 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 75 Resp: 60627
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2
39 50.0 42.0 63.0





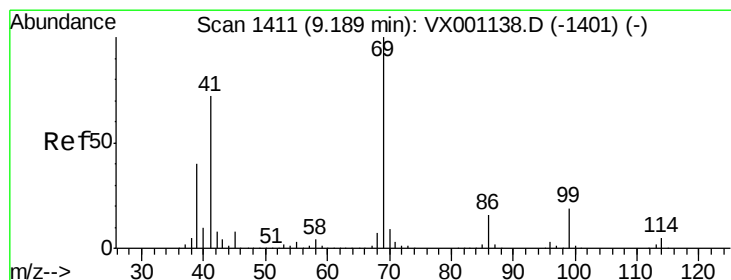
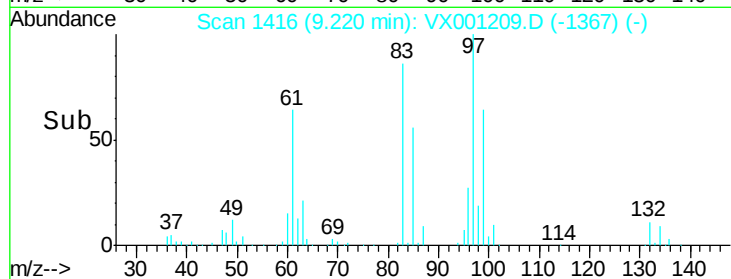
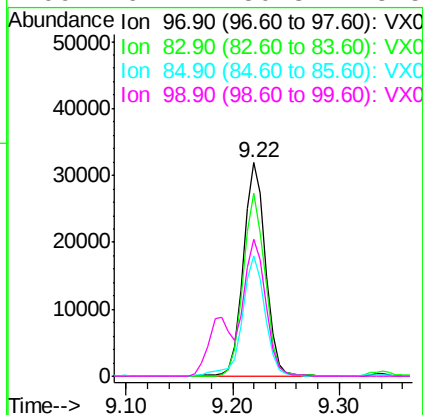
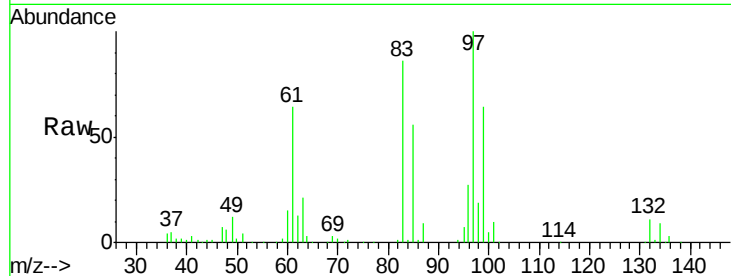
#55
 1,1,2-Trichloroethane
 Concen: 19.55 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion:	97	Resp:	46729
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.0	102.0
85	56.2	42.9	64.3
99	64.4	50.3	75.5

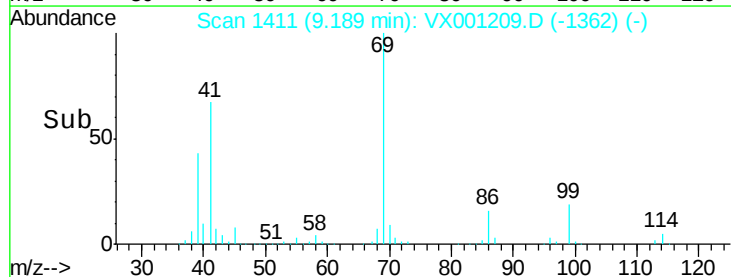
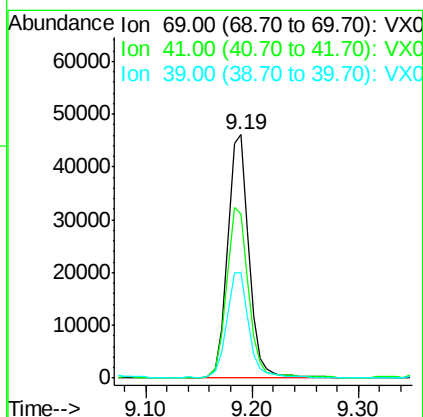
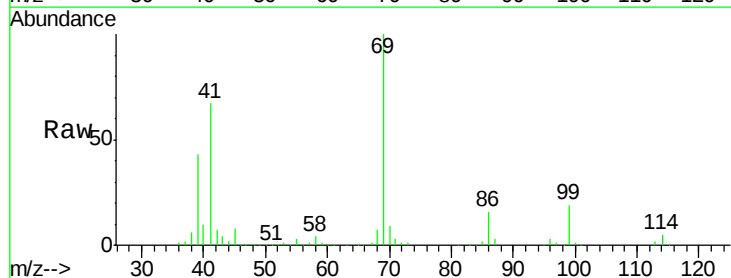
Manual Integrations
 APPROVED

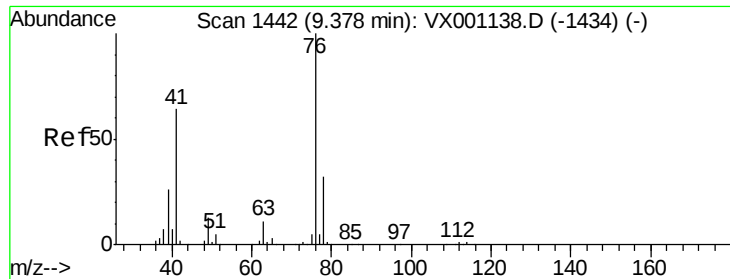
apatel
 5/1/2018 7:44:39 PM



#56
 Ethyl methacrylate
 Concen: 18.45 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion:	69	Resp:	65356
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.7	86.5
39	44.2	33.3	49.9





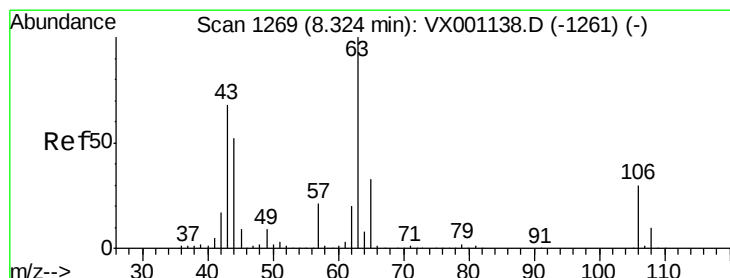
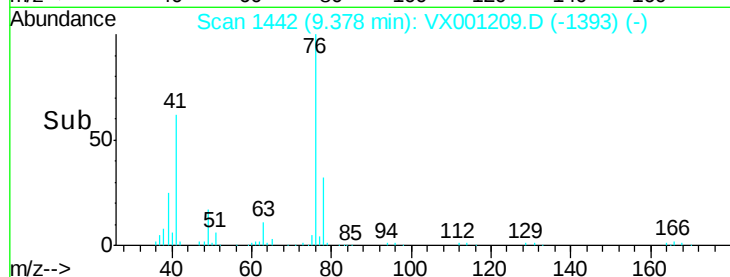
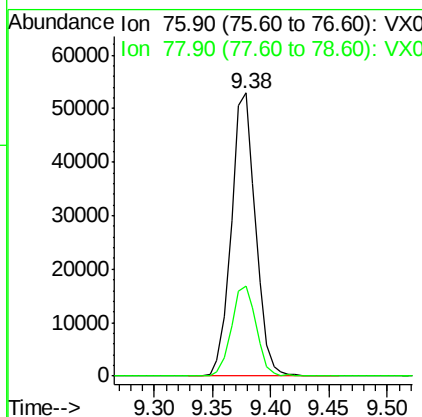
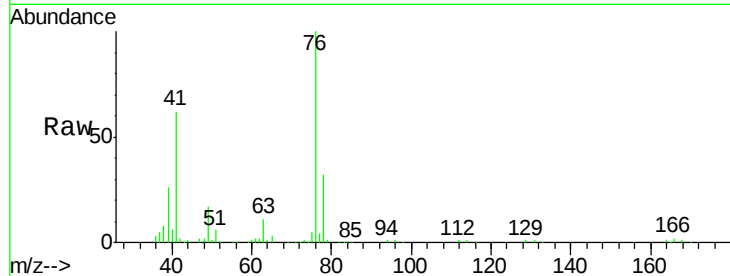
#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion: 76 Resp: 76842
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

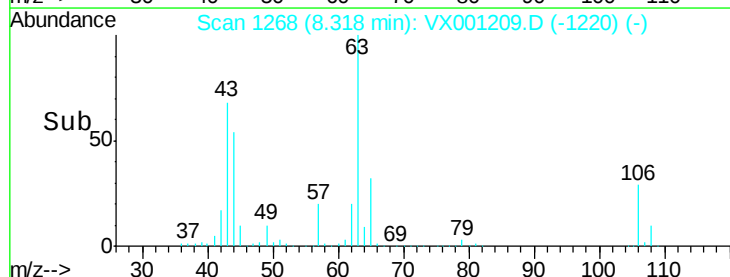
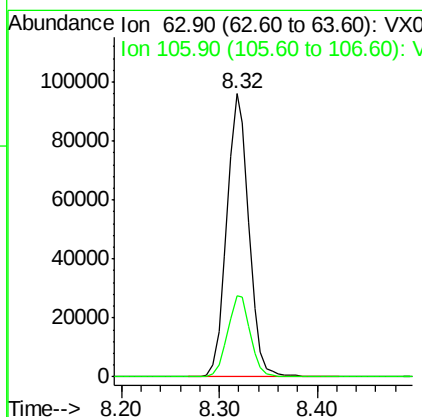
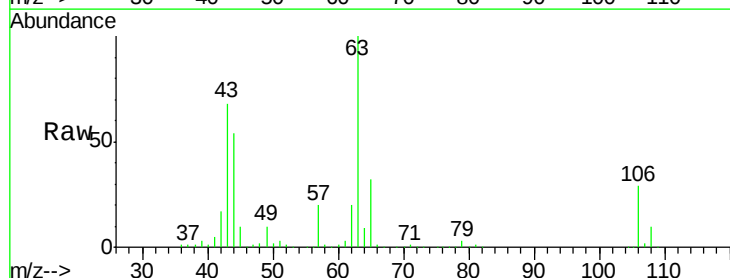
Manual Integrations
 APPROVED

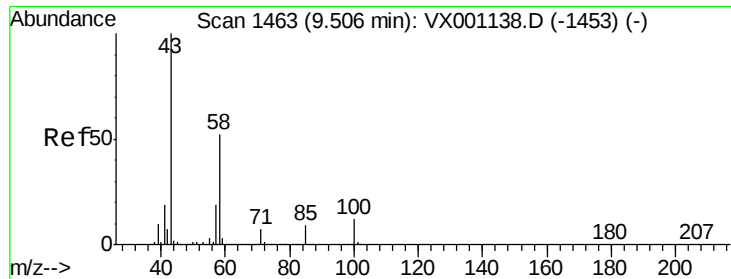
apatel
 5/1/2018 7:44:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.95 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion: 63 Resp: 150612
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5





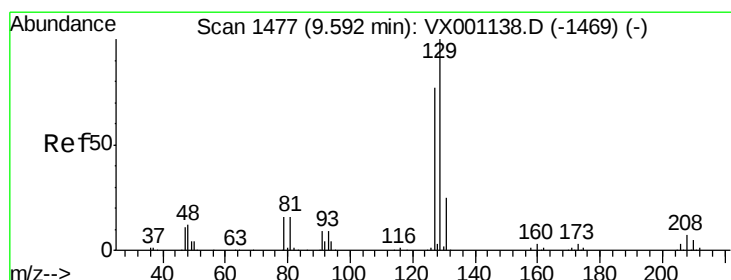
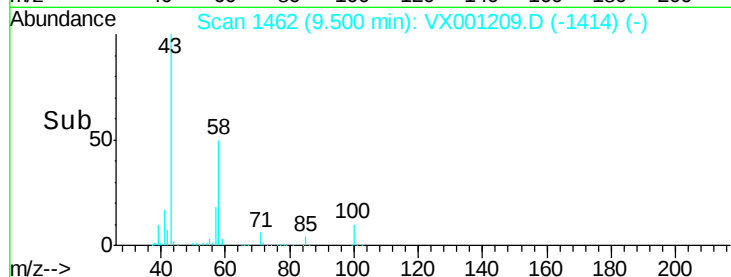
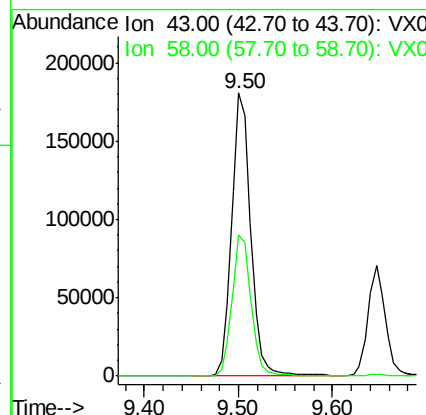
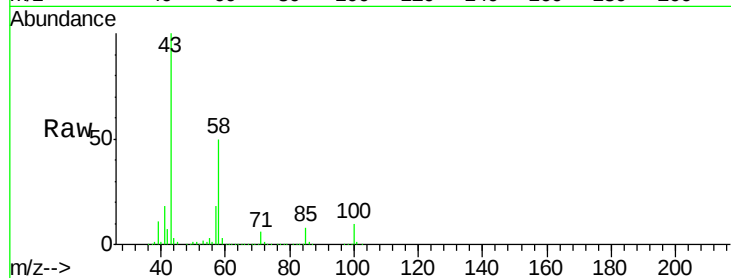
#59
2-Hexanone
Concen: 88.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	43	Resp	255098
Ion Ratio	43	100	
Lower	58	50.2	25.8
Upper			77.4

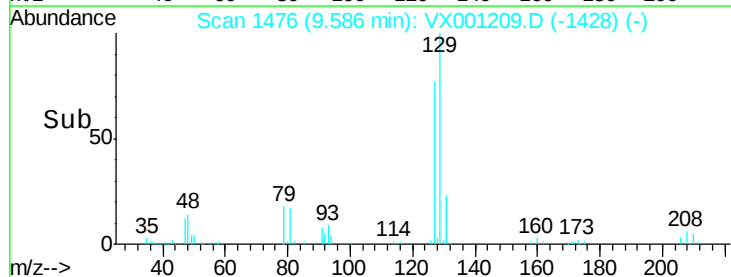
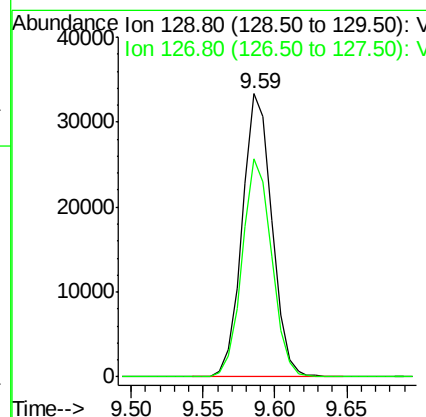
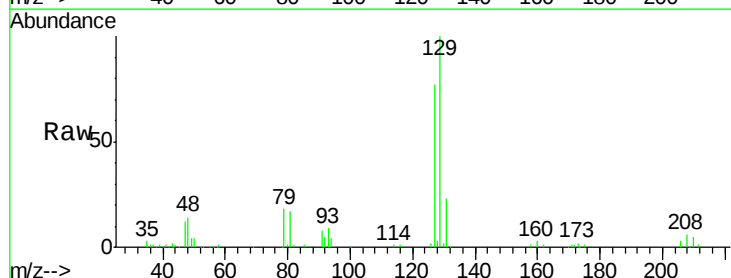
Manual Integrations
APPROVED

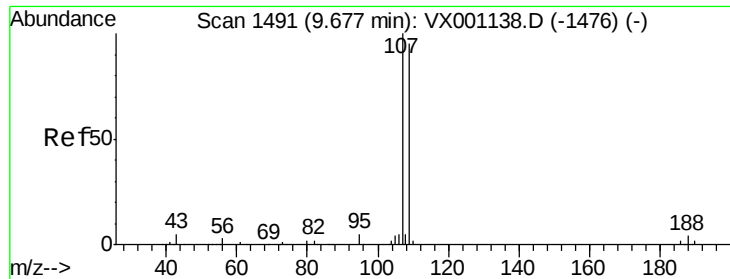
apatel
5/1/2018 7:44:39 PM



#60
Dibromochloromethane
Concen: 19.25 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	129	Resp	47587
Ion Ratio	129	100	
Lower	127	76.7	38.4
Upper			115.2





#61

1,2-Dibromoethane

Concen: 19.71 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion:107 Resp: 49367

Ion Ratio Lower Upper

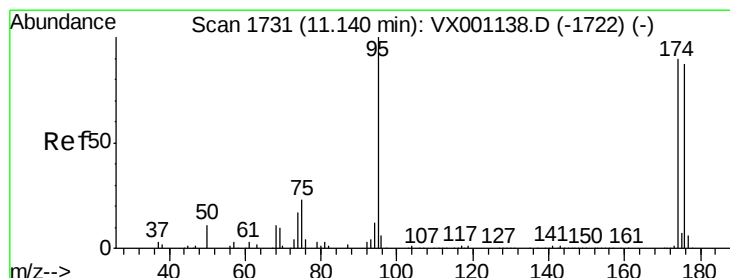
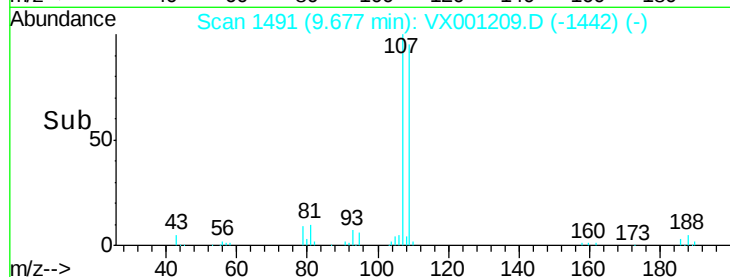
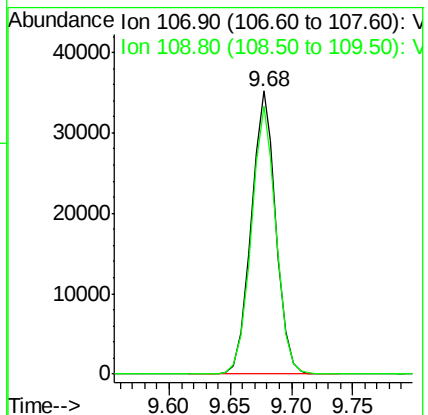
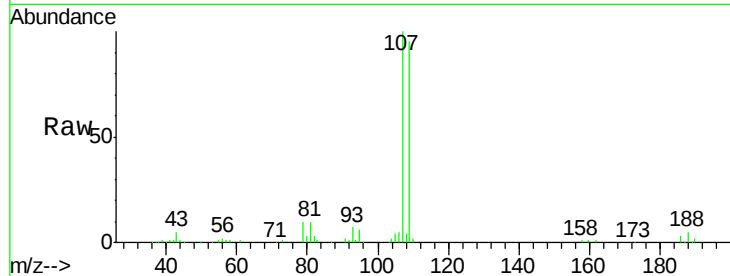
107 100

109 95.1 75.2 112.8

Manual Integrations
APPROVED

apatel

5/1/2018 7:44:39 PM



#62

4-Bromofluorobenzene

Concen: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

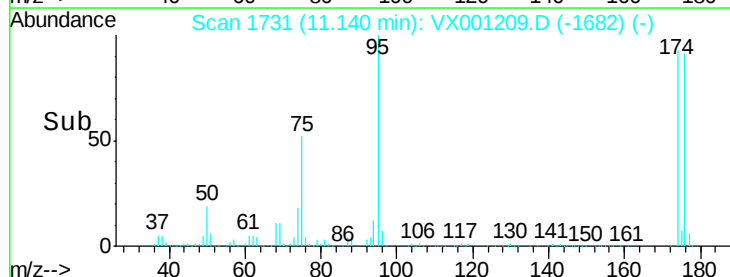
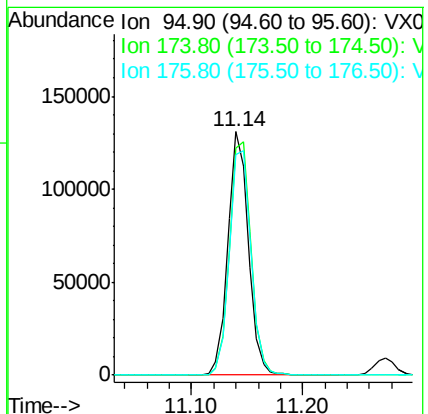
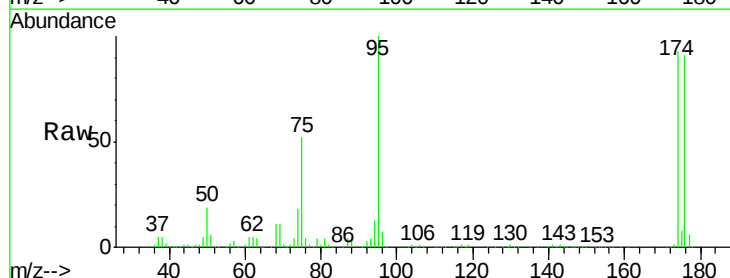
Tgt Ion: 95 Resp: 166432

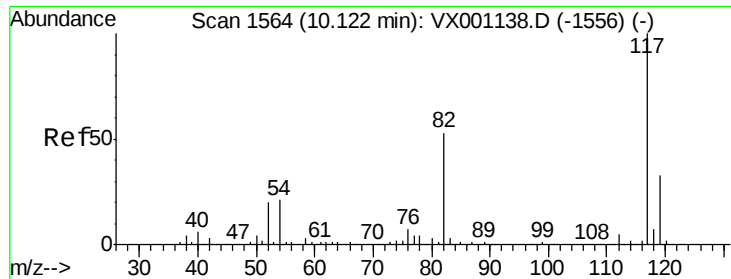
Ion Ratio Lower Upper

95 100

174 100.8 0.0 194.4

176 97.8 0.0 190.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

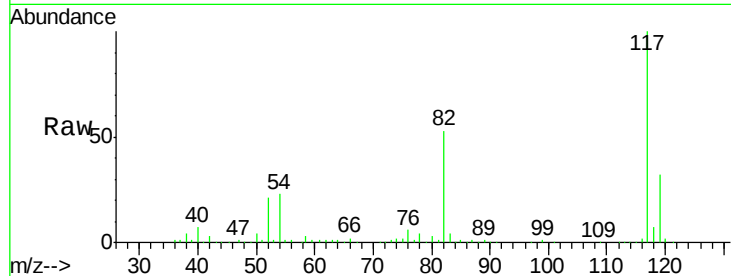
ClientSampleId :

VX0428WBS01

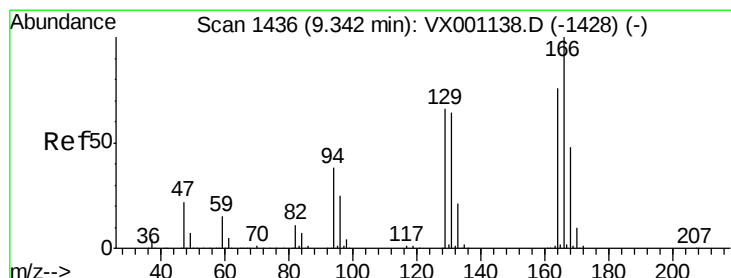
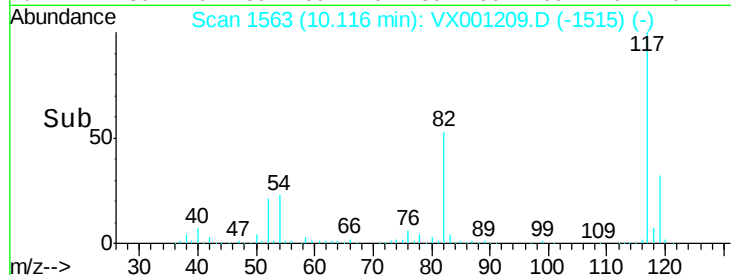
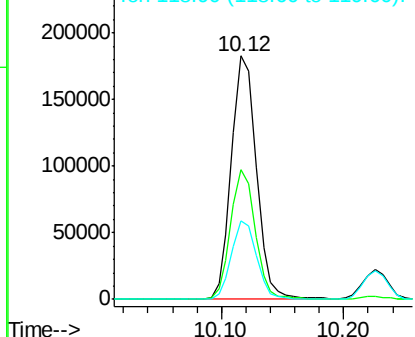
Tot Ion:	117	Resp:	259415
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.1	63.1
119	32.2	26.1	39.1

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



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



#64

Tetrachloroethene

Concen: 22.85 ug/l

RT: 9.34 min Scan# 1436

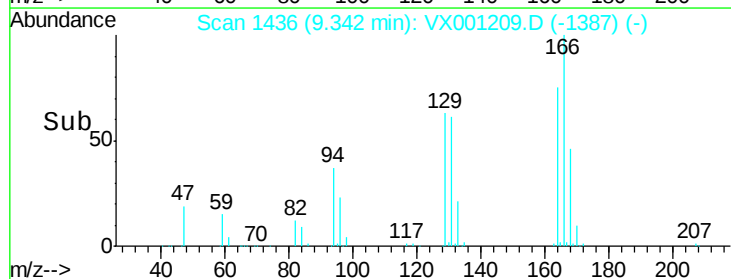
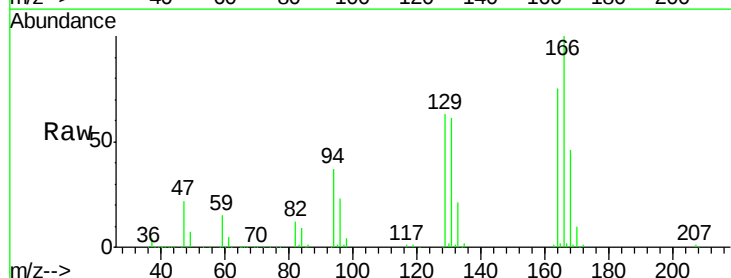
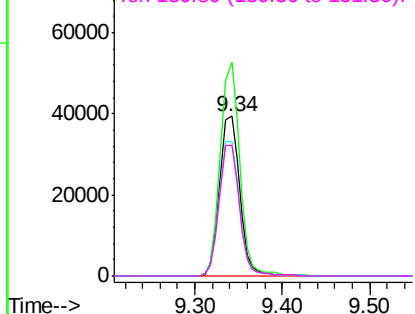
Delta R.T. -0.00 min

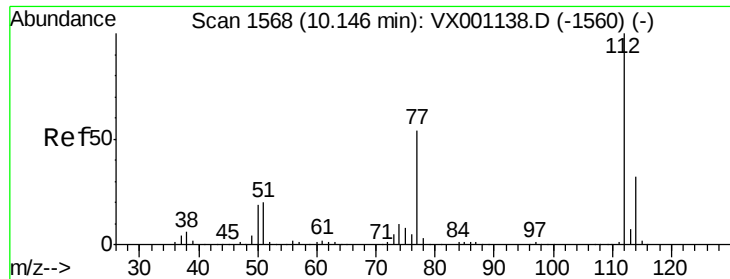
Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	164	Resp:	63277
Ion Ratio	Lower	Upper	
164	100		
166	133.8	105.0	157.6
129	84.6	69.4	104.2
131	81.9	67.3	100.9

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





#65

Chlorobenzene

Concen: 20.51 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

Tot Ion:112 Resp: 139376

Ion Ratio Lower Upper

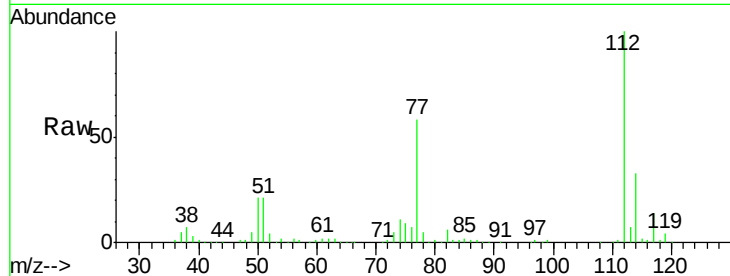
112 100

114 33.5 25.7 38.5

Manual Integrations
APPROVED

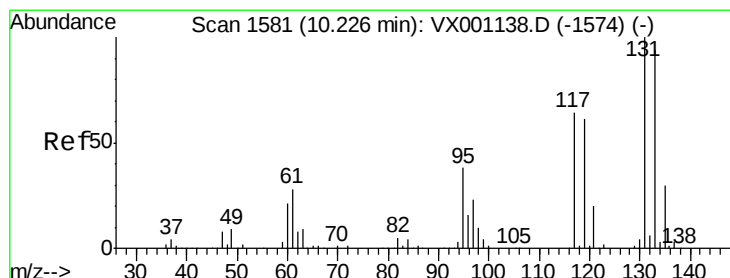
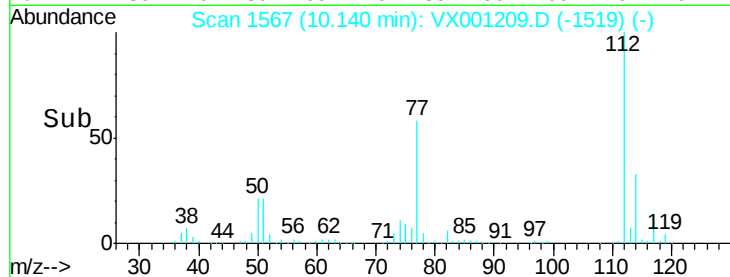
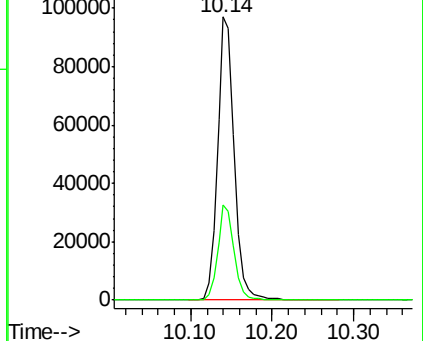
apatel

5/1/2018 7:44:39 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: 20.33 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

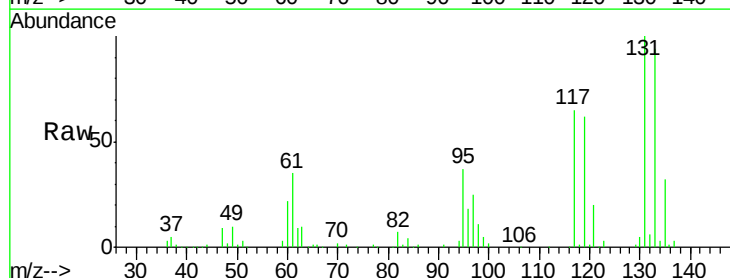
Tgt Ion:131 Resp: 47808

Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.4

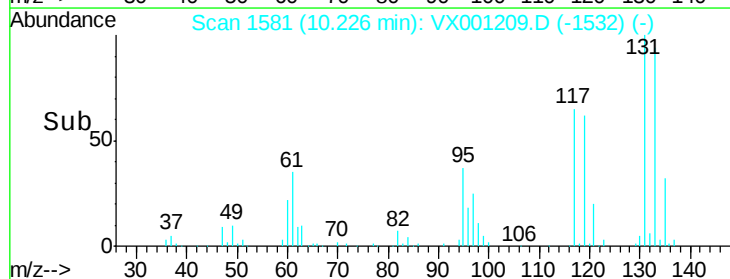
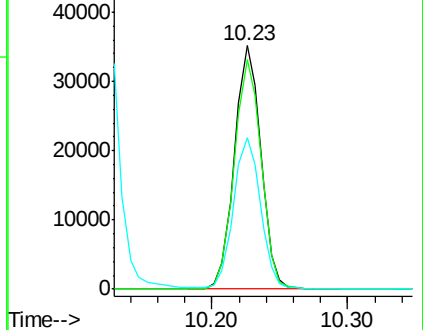
119 63.9 31.3 93.8

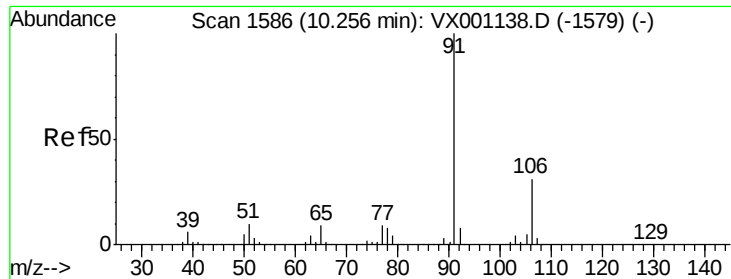


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





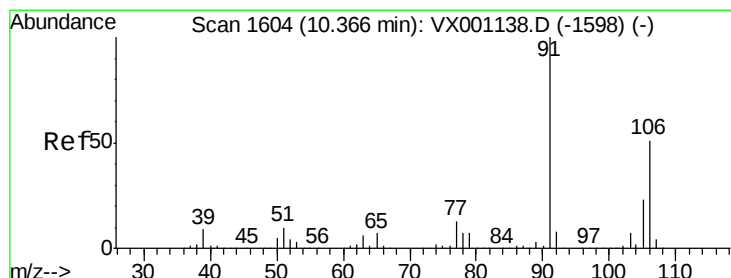
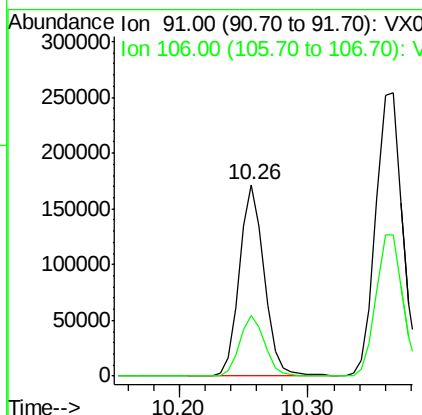
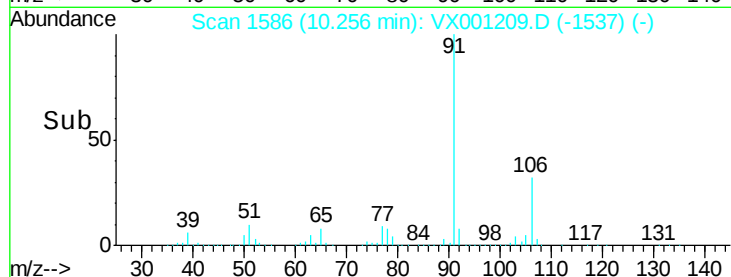
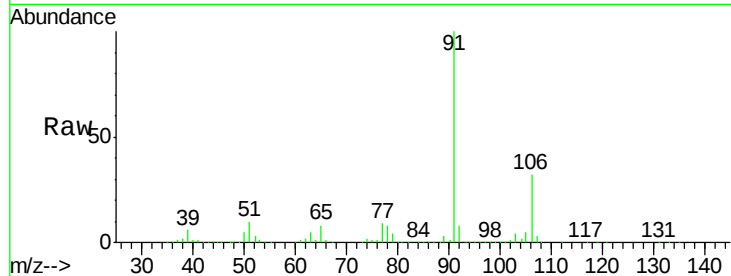
#67
Ethyl Benzene
Concen: 20.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion: 91 Resp: 230224
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

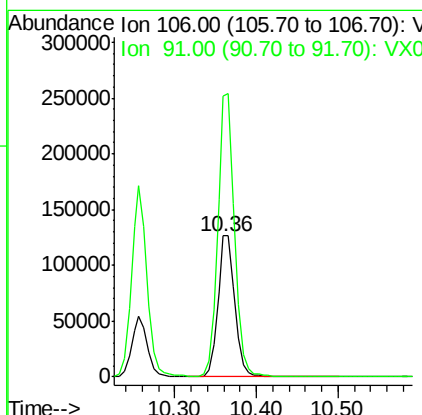
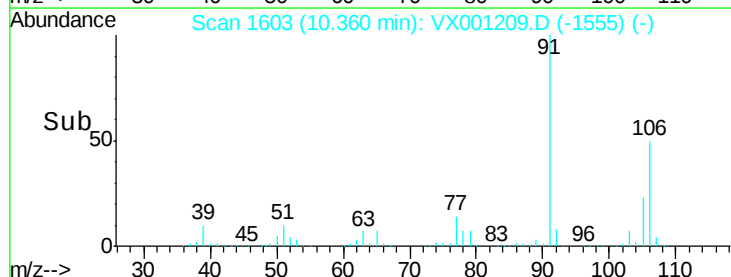
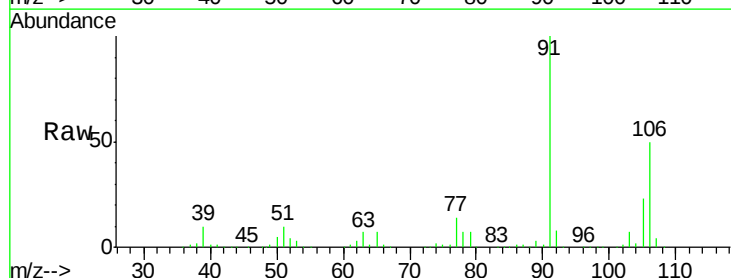
Manual Integrations
APPROVED

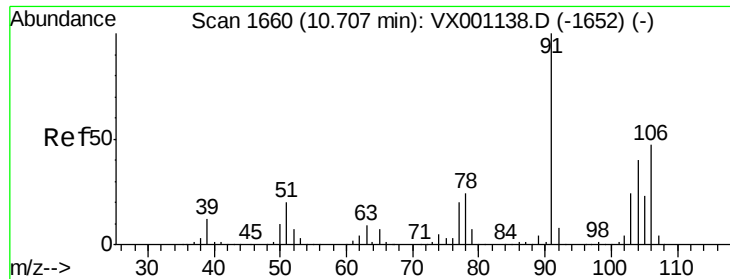
apatel
5/1/2018 7:44:39 PM



#68
m/p-Xylenes
Concen: 42.09 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion: 106 Resp: 183738
Ion Ratio Lower Upper
106 100
91 199.8 160.9 241.3





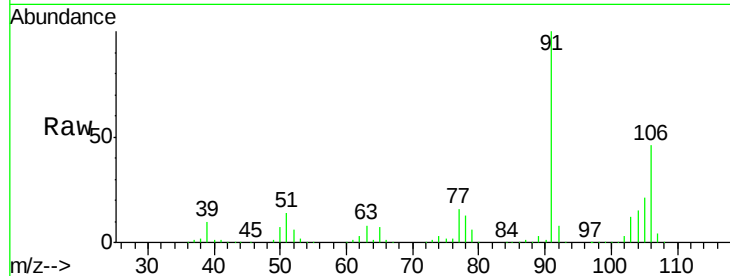
#69
o-Xylene
Concen: 20.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

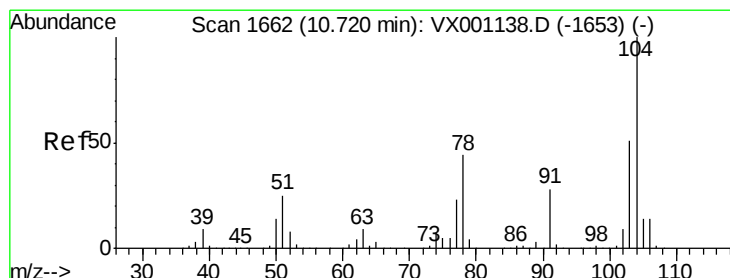
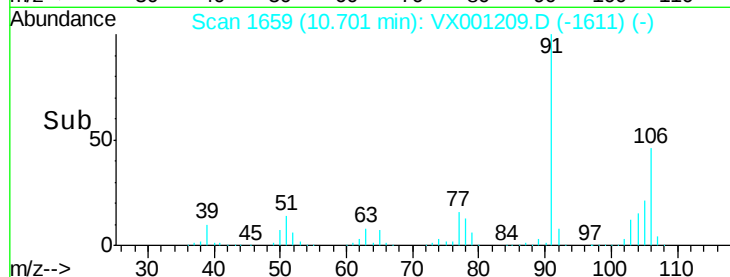
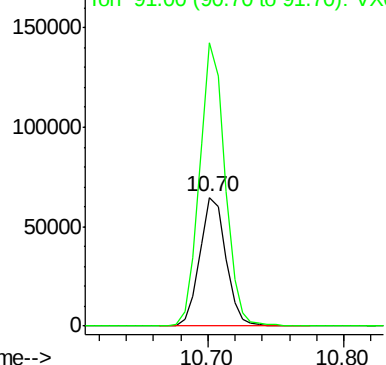
Tot Ion:106 Resp: 86969
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM

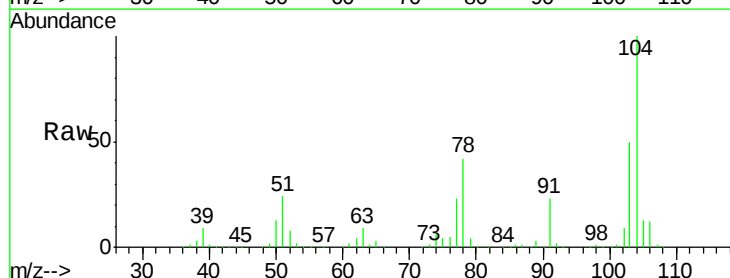


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

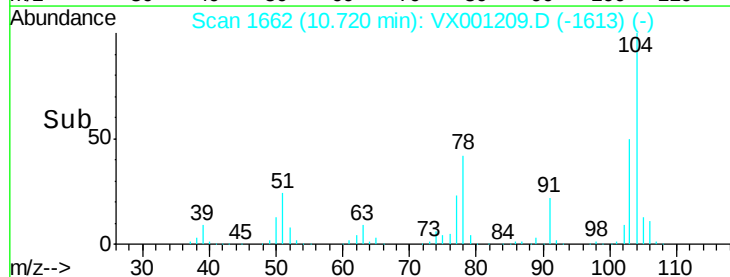
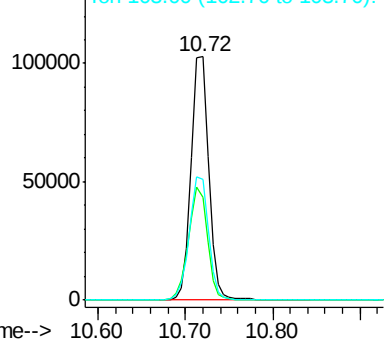


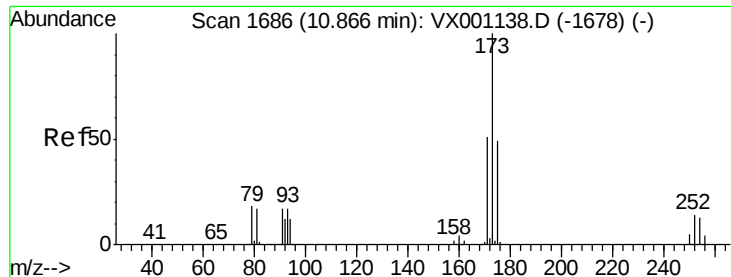
#70
Styrene
Concen: 20.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion:104 Resp: 143779
Ion Ratio Lower Upper
104 100
78 49.8 40.3 60.5
103 55.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion:173 Resp: 36839

Ion Ratio Lower Upper

173 100

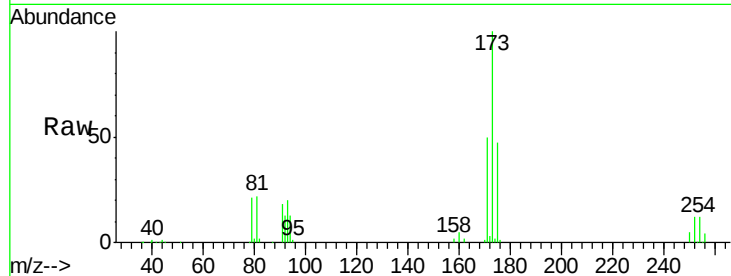
175 48.7 24.6 73.8

254 0.1 0.2 0.2#

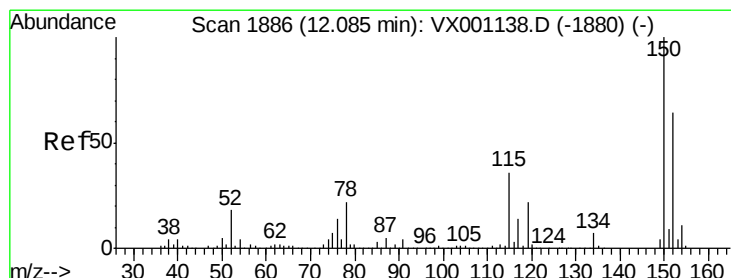
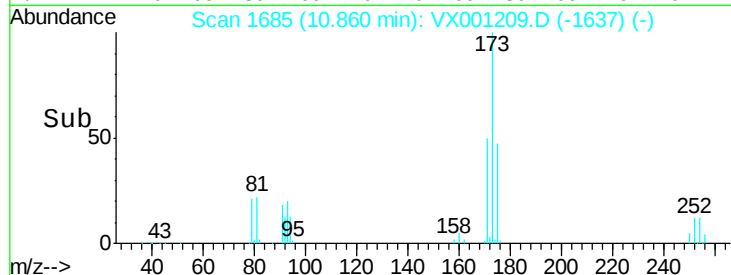
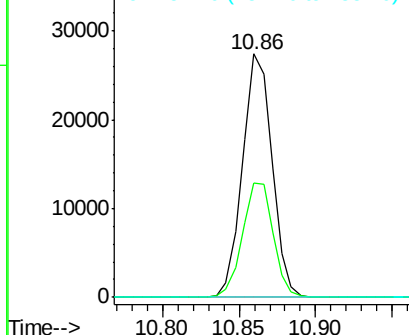
Manual Integrations
APPROVED

apatel

5/1/2018 7:44:39 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

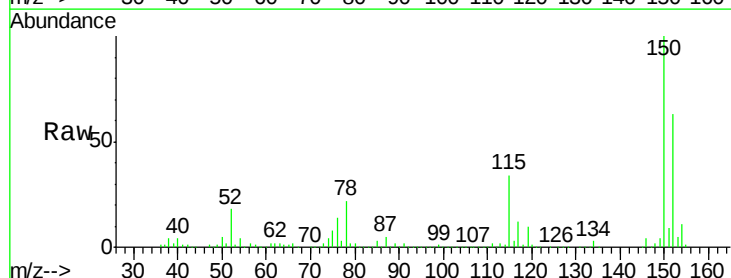
Tgt Ion:152 Resp: 178564

Ion Ratio Lower Upper

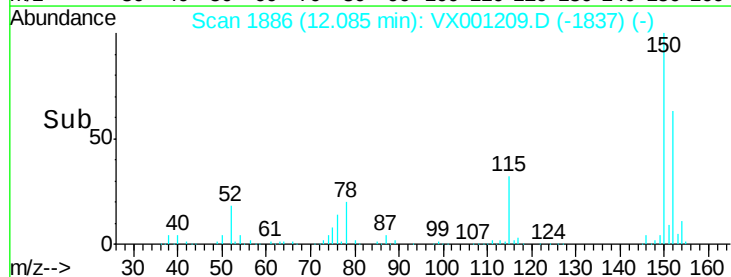
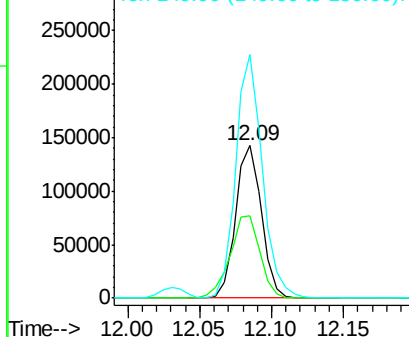
152 100

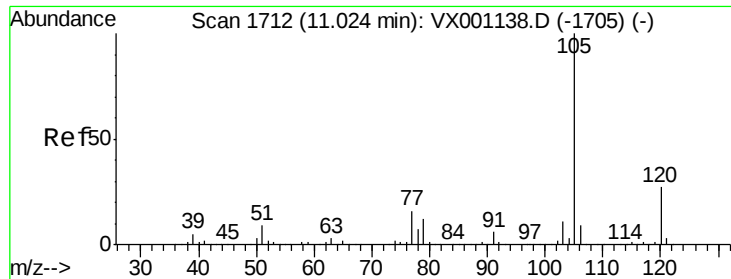
115 63.2 38.0 114.0

150 163.9 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS01

Tot Ion: 105 Resp: 234760

Ion Ratio Lower Upper

105 100

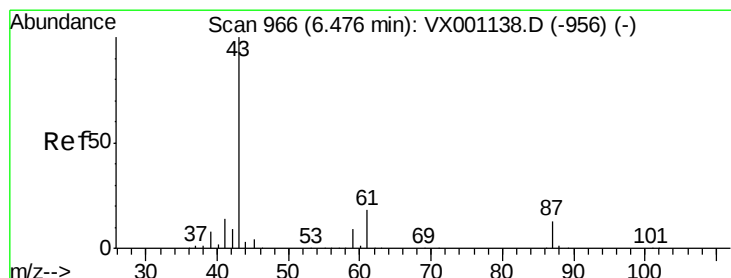
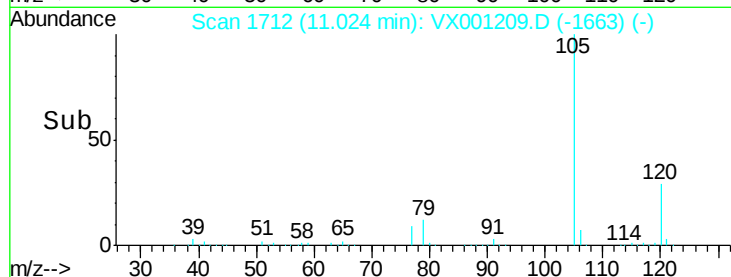
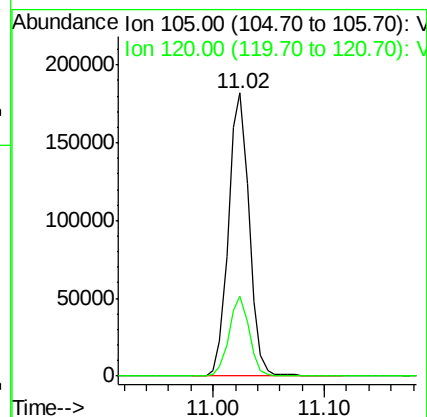
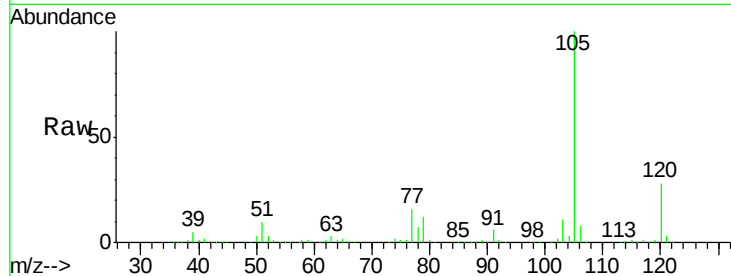
120 27.6 13.6 40.8

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



#74

N-ethyl acetate

Concen: 17.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion: 43 Resp: 99823

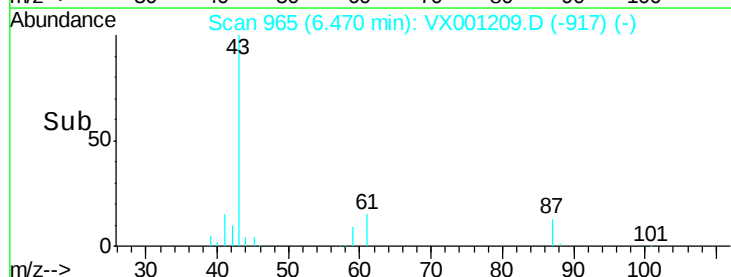
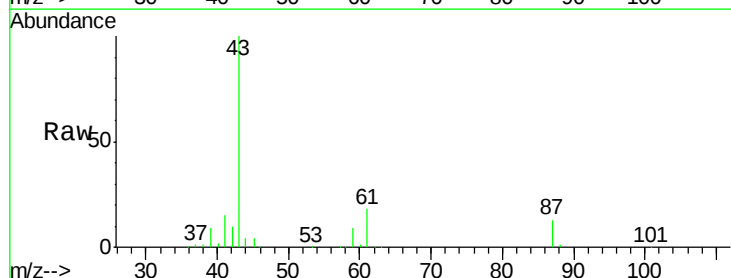
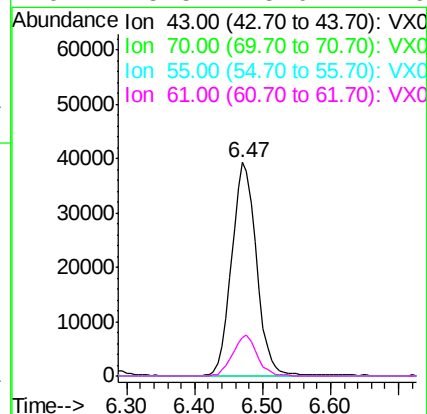
Ion Ratio Lower Upper

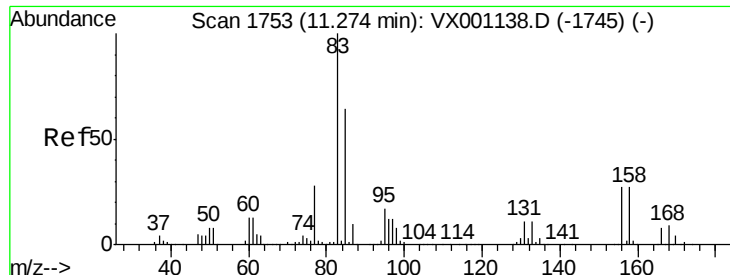
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

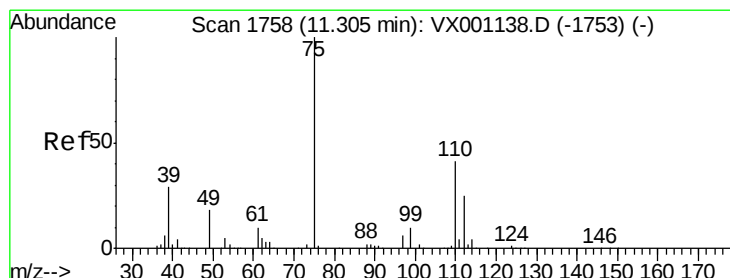
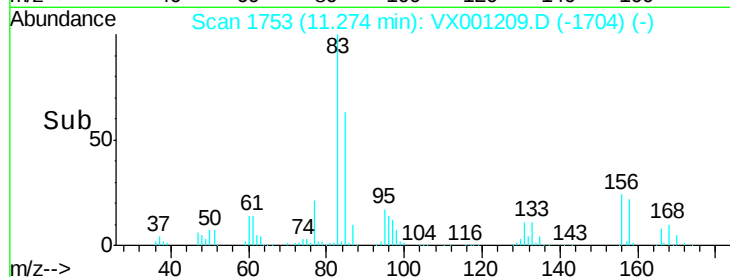
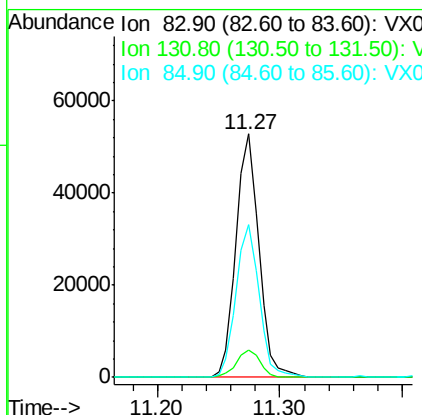
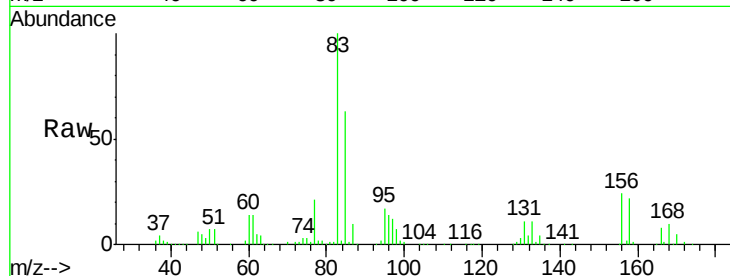
ClientSampleId :

VX0428WBS01

Tot Ion:	83	Resp:	68284
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	63.6	32.1	96.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#76

1,2,3-Trichloropropane

Concen: 17.78 ug/l m

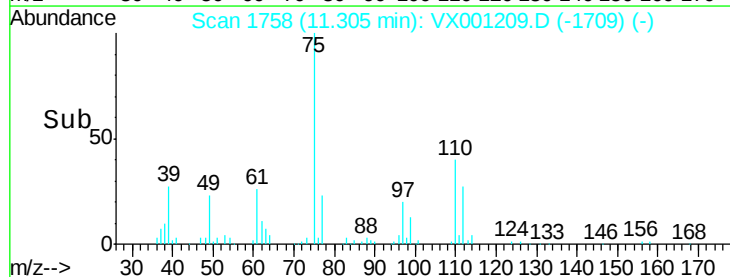
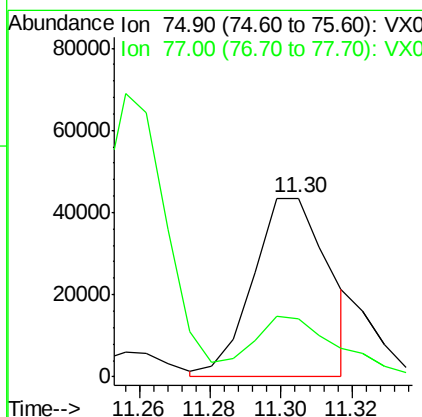
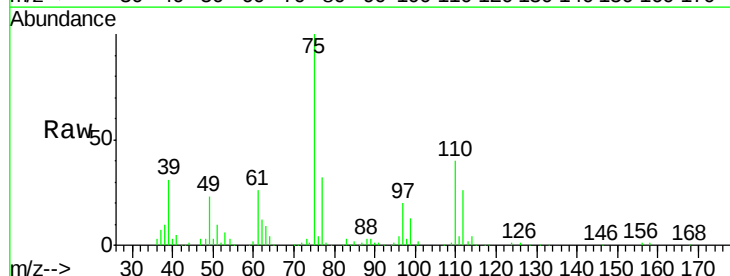
RT: 11.30 min Scan# 1758

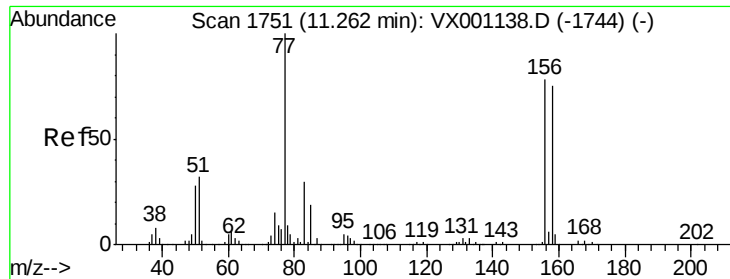
Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	75	Resp:	64653
Ion Ratio	Lower	Upper	
75	100		
77	38.8	18.9	56.9





#77

Bromobenzene

Concen: 19.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

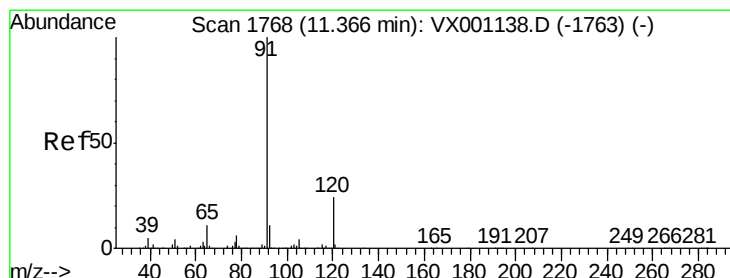
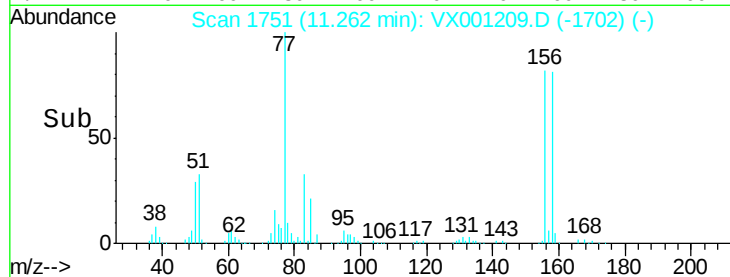
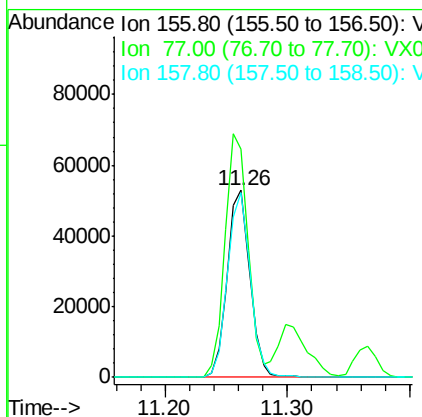
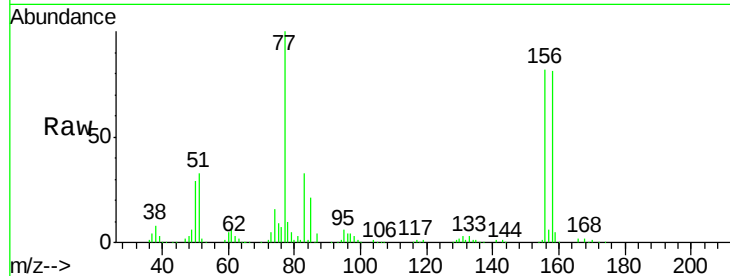
ClientSampleId :

VX0428WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	130.9	67.8	203.2	
158	98.5	48.9	146.7	

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#78

n-propylbenzene

Concen: 20.91 ug/l

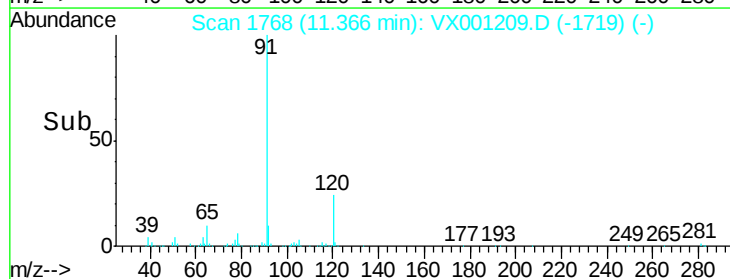
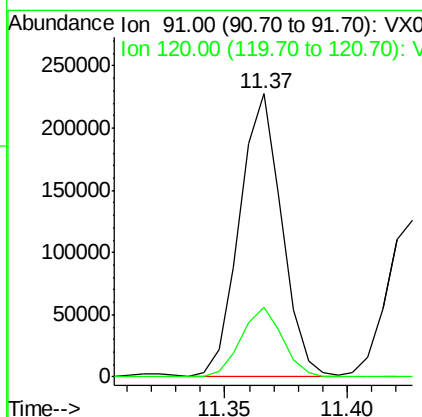
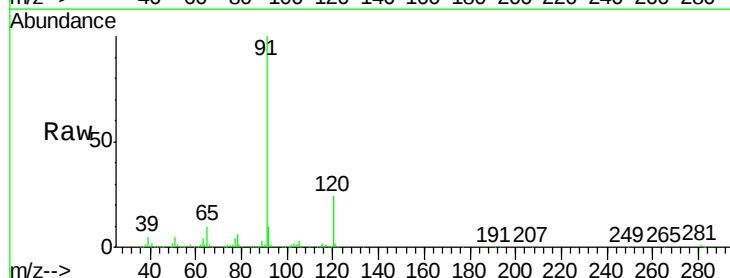
RT: 11.37 min Scan# 1768

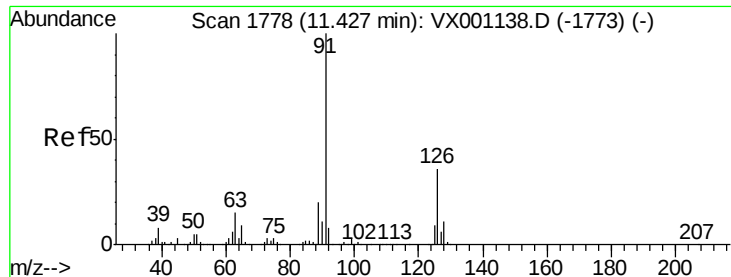
Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.4	12.2	36.6	





#79

2-Chlorotoluene

Concen: 19.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

Tot Ion: 91 Resp: 160217

Ion Ratio Lower Upper

91 100

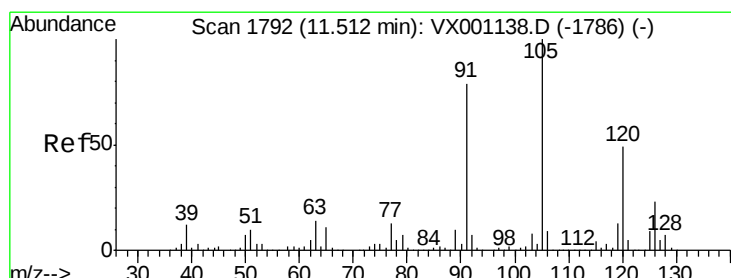
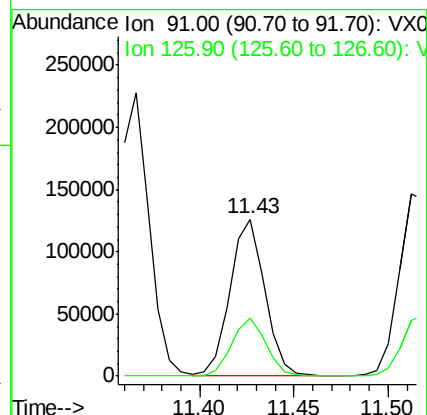
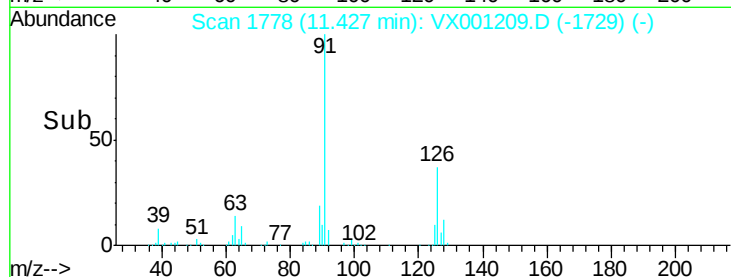
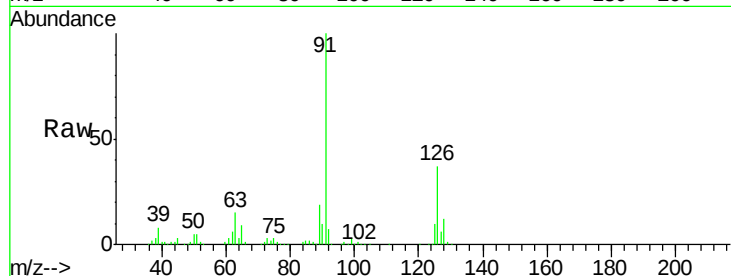
126 36.8 18.2 54.6

Manual Integrations

APPROVED

apatel

5/1/2018 7:44:39 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001209.D

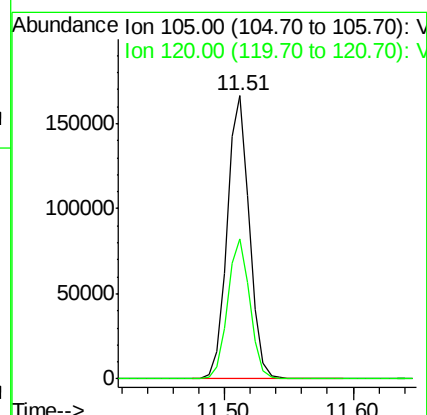
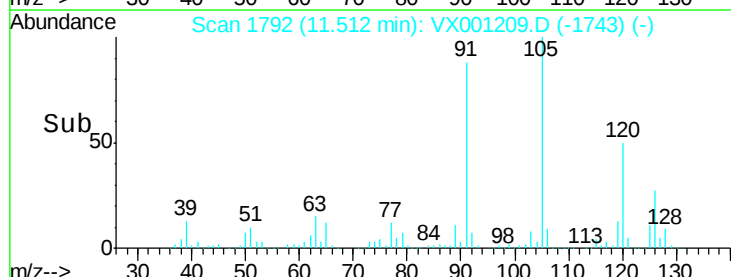
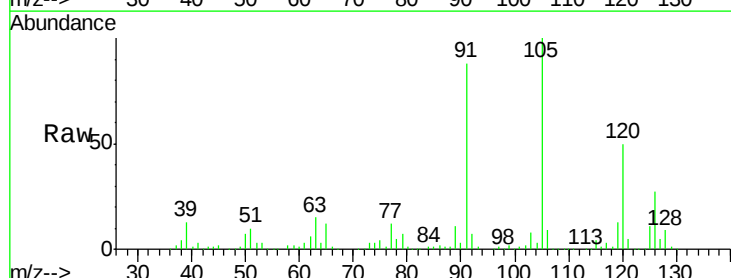
Acq: 28 Apr 2018 13:14

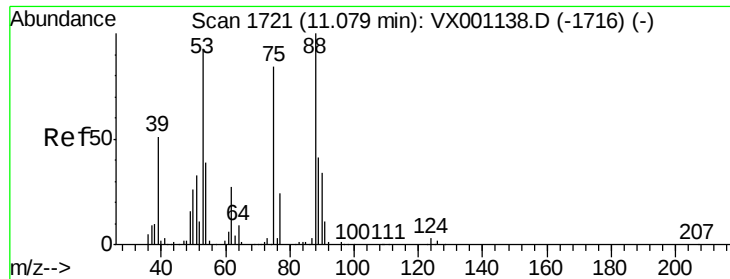
Tgt Ion: 105 Resp: 201843

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





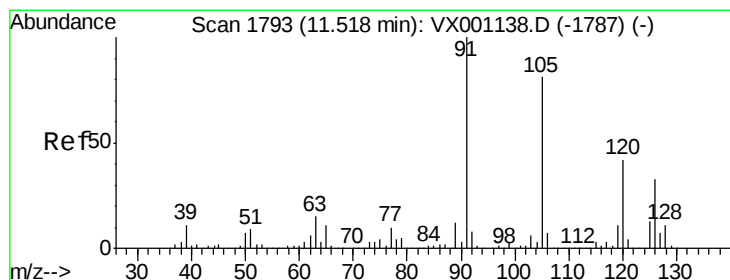
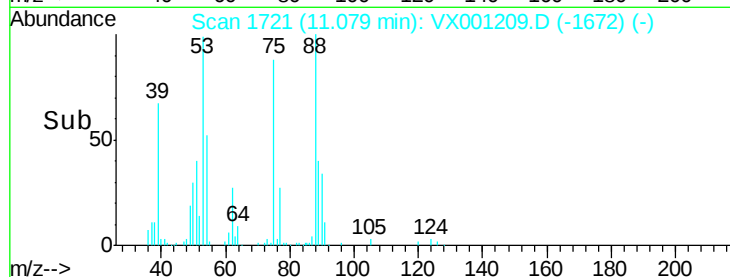
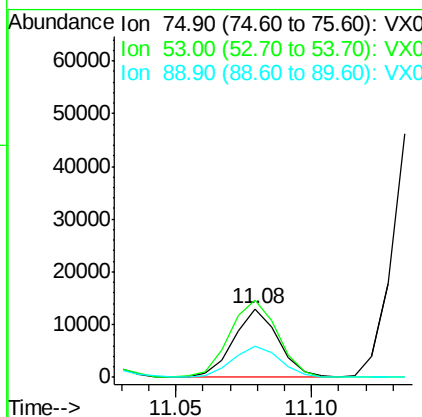
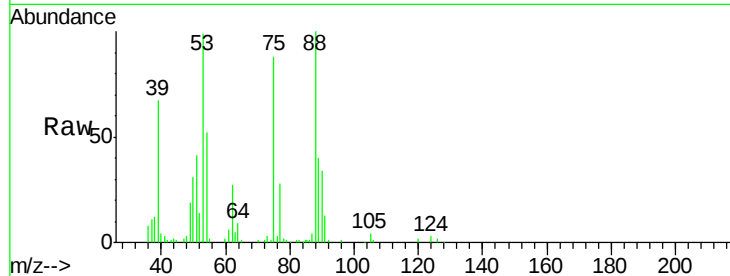
#81
trans-1,4-Dichloro-2-butene
Concen: 16.59 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.9	87.9	131.9
89	48.9	37.7	56.5

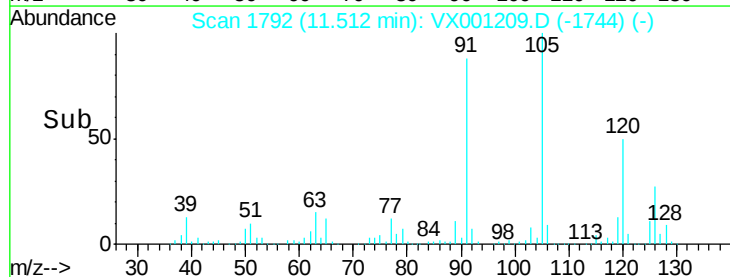
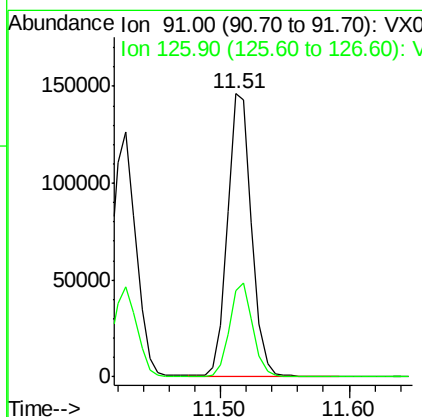
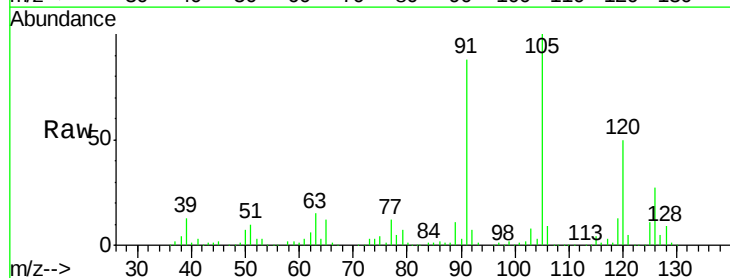
Manual Integrations
APPROVED

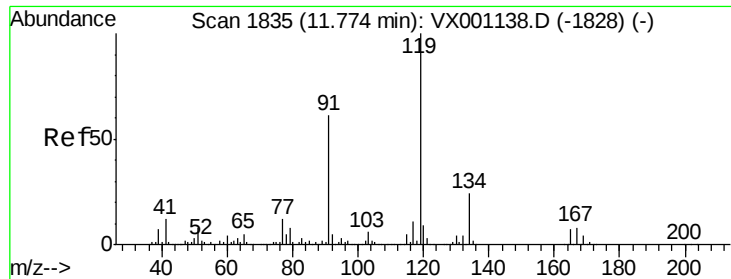
apatel
5/1/2018 7:44:39 PM



#82
4-Chlorotoluene
Concen: 20.16 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.8	47.4





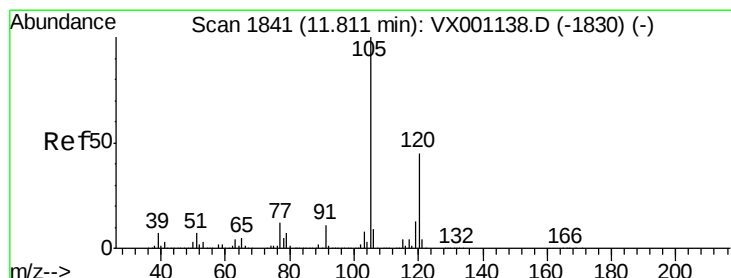
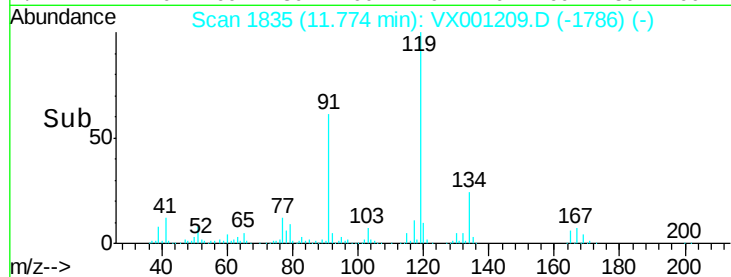
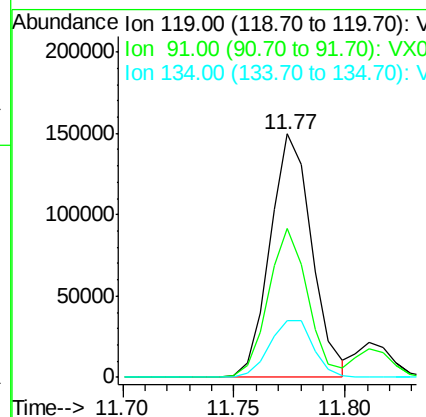
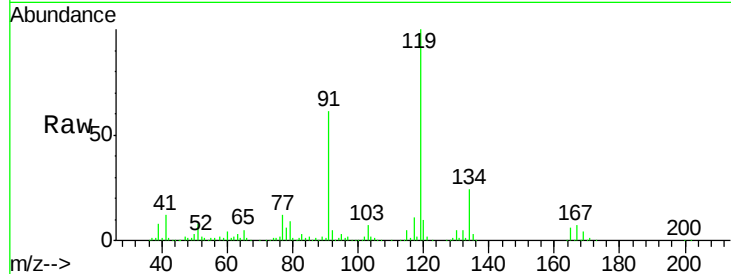
#83
 tert-Butylbenzene
 Concen: 19.75 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194260		
91	58.4	27.6	82.8	
134	24.7	11.5	34.5	

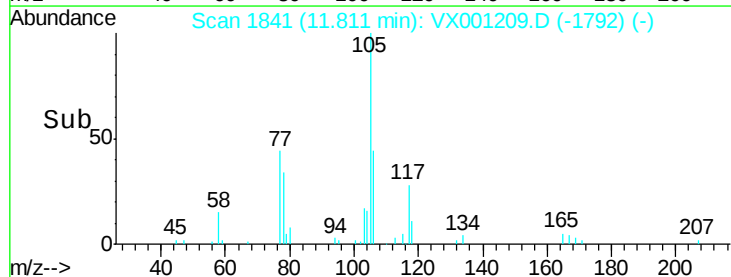
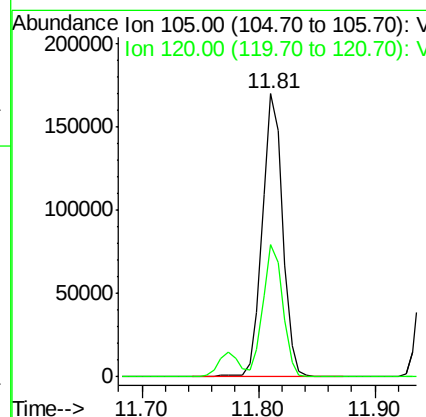
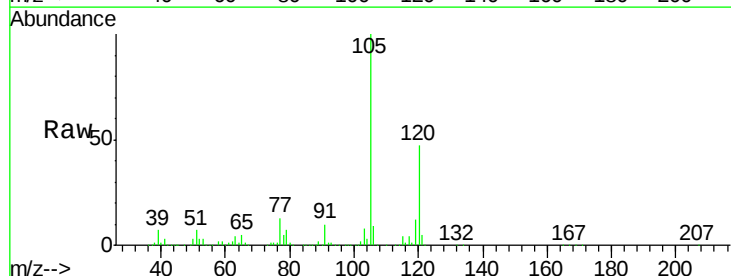
Manual Integrations
 APPROVED

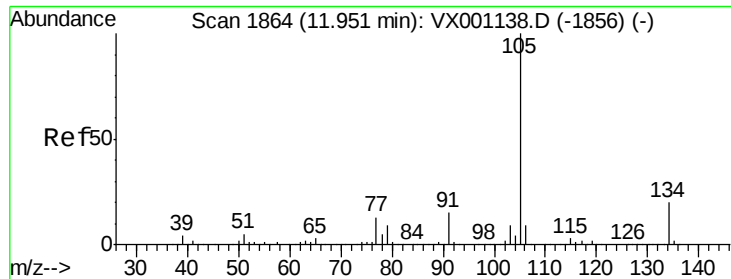
apatel
 5/1/2018 7:44:39 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207830		
120	45.4	22.4	67.3	





#85

sec-Butylbenzene

Concen: 20.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS01

Tot Ion:105 Resp: 240995

Ion Ratio Lower Upper

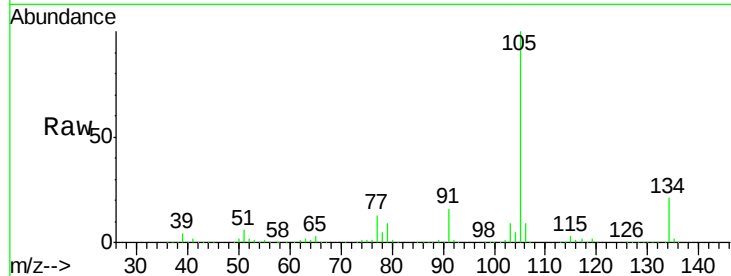
105 100

134 21.2 10.5 31.5

Manual Integrations
APPROVED

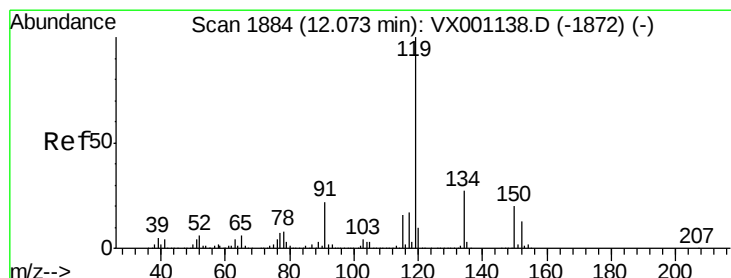
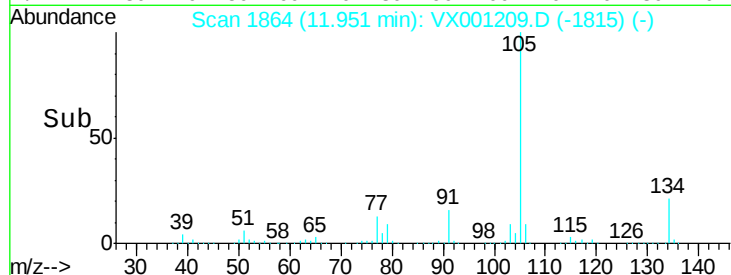
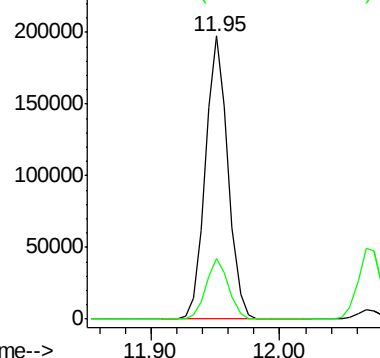
apatel

5/1/2018 7:44:39 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

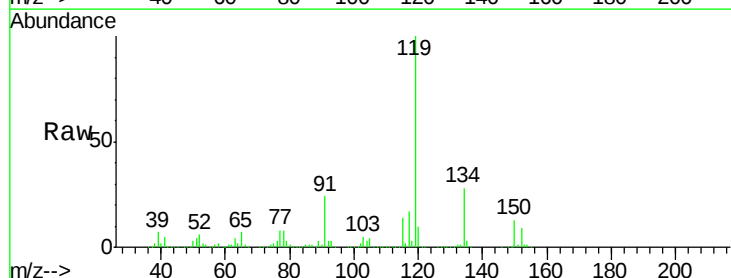
Tgt Ion:119 Resp: 220441

Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.1

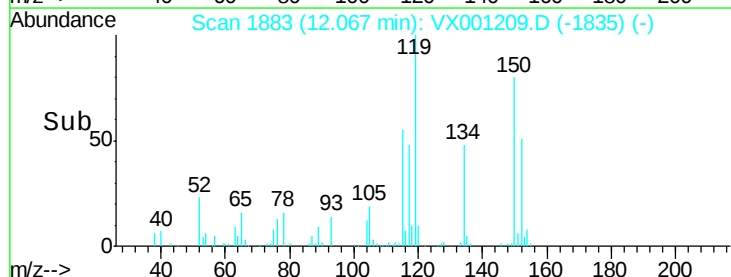
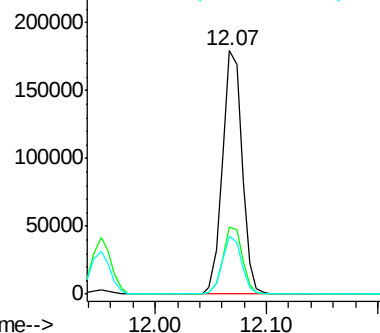
91 23.5 11.6 34.8

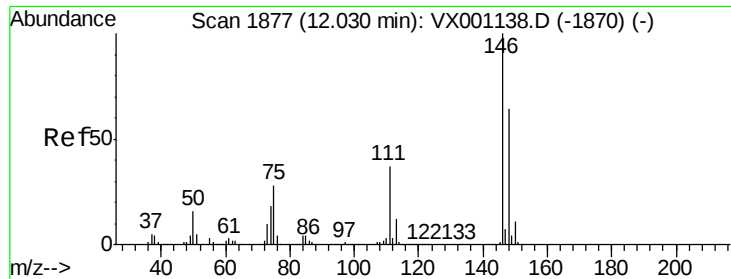


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





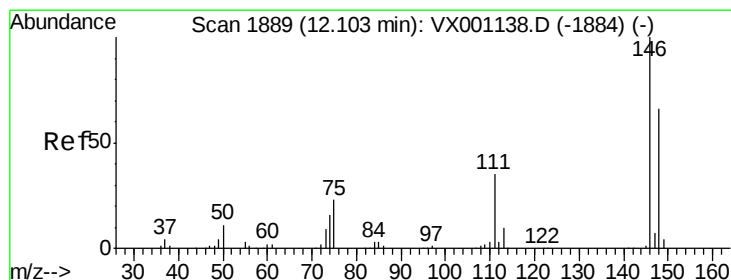
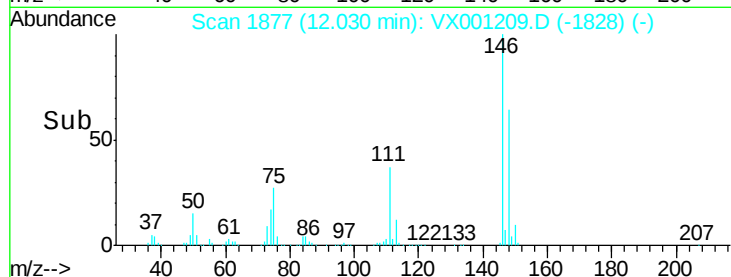
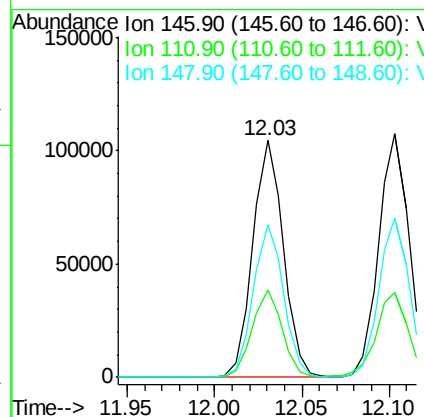
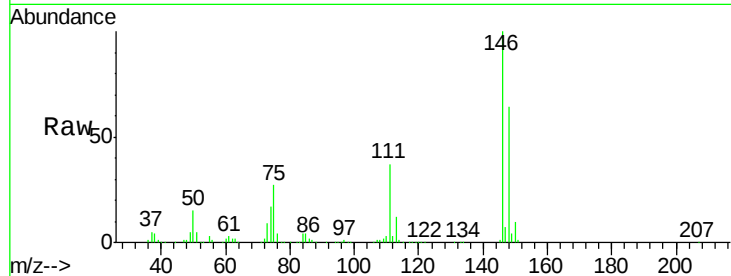
#87
 1,3-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	56.0
148	63.8	32.3	96.8

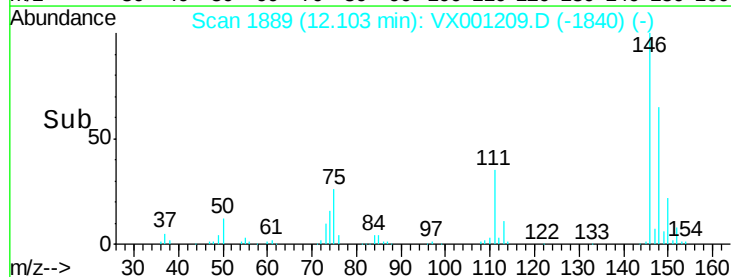
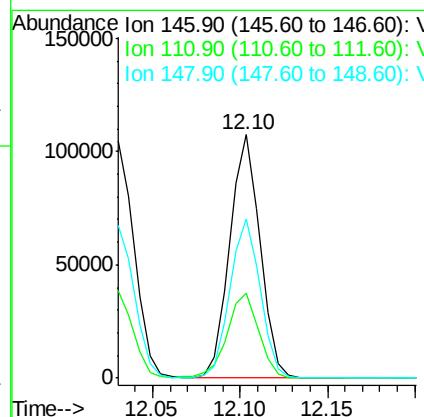
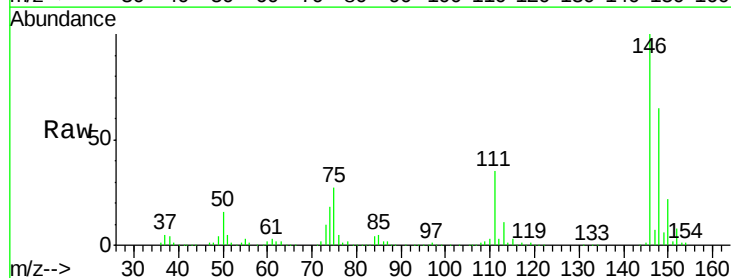
Manual Integrations
 APPROVED

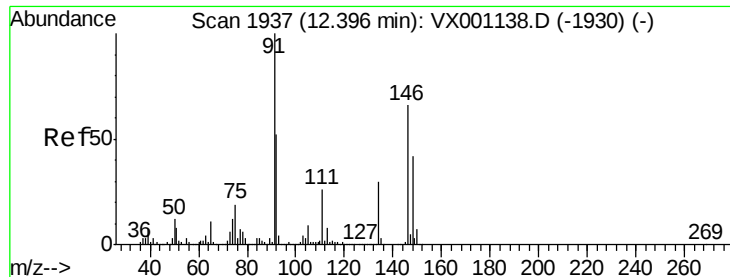
apatel
 5/1/2018 7:44:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.10 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.0	54.0
148	65.6	32.5	97.5





#89

n-Butylbenzene

Concen: 20.39 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Instrument :

MSVOA_X

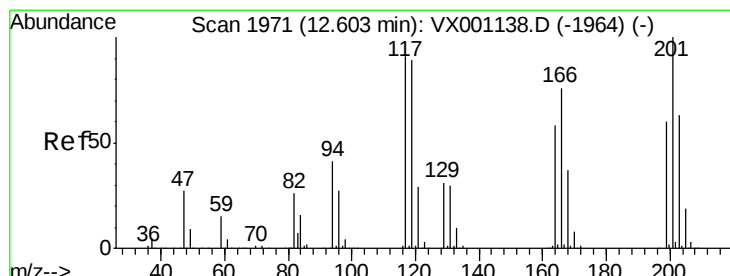
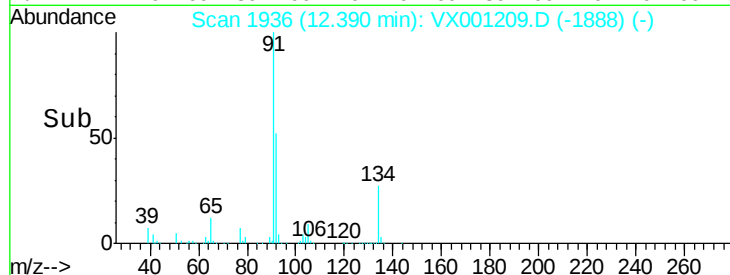
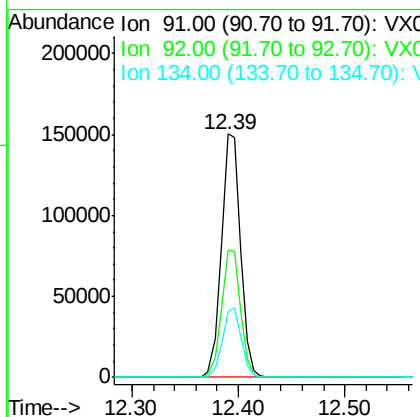
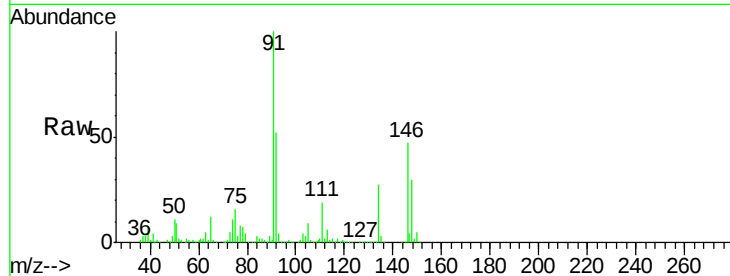
ClientSampleId :

VX0428WBS01

Tot Ion:	91	Resp:	188555
Ion Ratio	Lower	Upper	
91	100		
92	52.0	26.2	78.6
134	27.9	14.1	42.3

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#90

Hexachloroethane

Concen: 19.35 ug/l

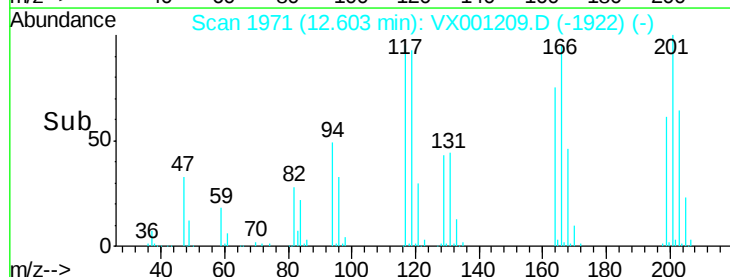
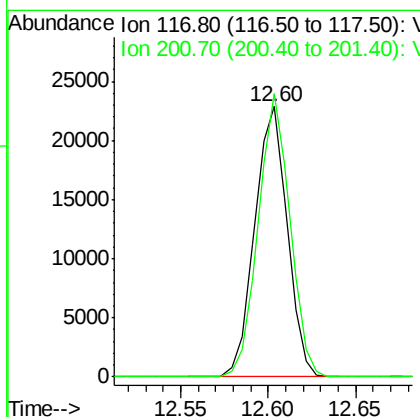
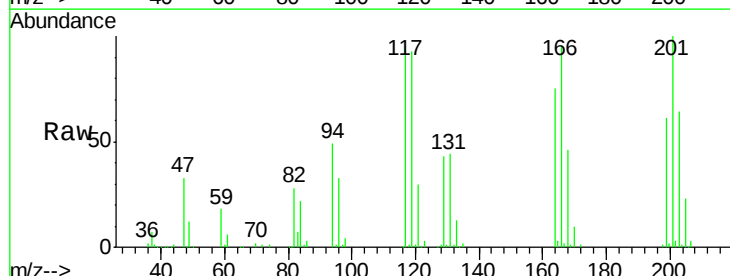
RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001209.D

Acq: 28 Apr 2018 13:14

Tgt Ion:	117	Resp:	29547
Ion Ratio	Lower	Upper	
117	100		
201	101.8	51.8	155.4





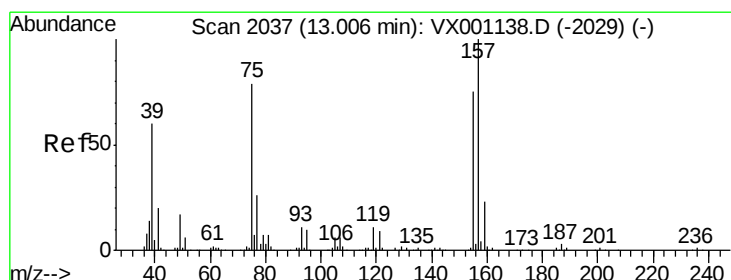
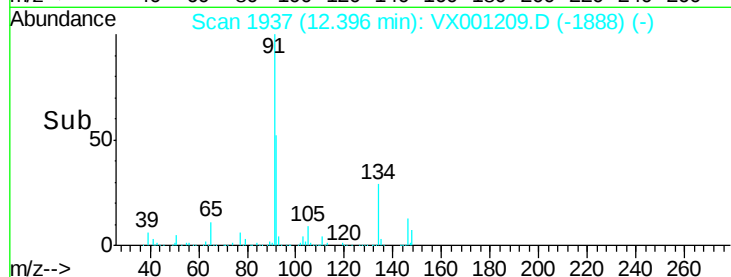
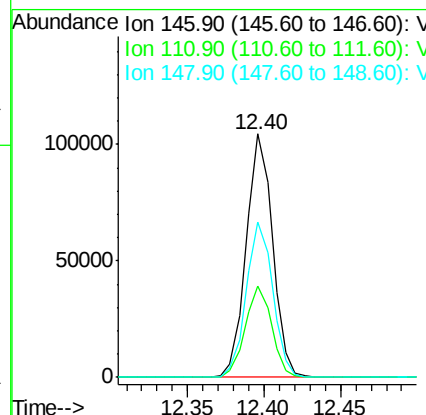
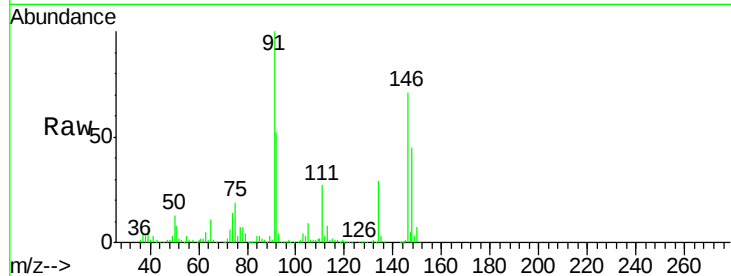
#91
 1,2-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	125531		
111	37.7	19.1	57.3	
148	64.4	32.2	96.6	

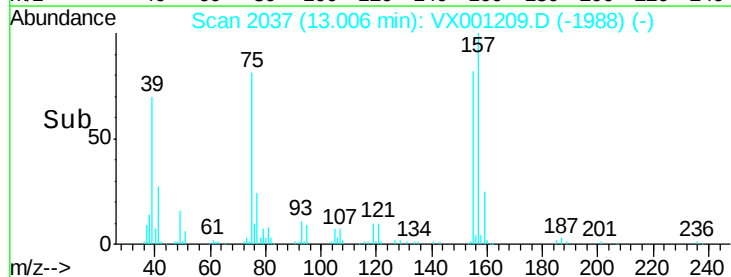
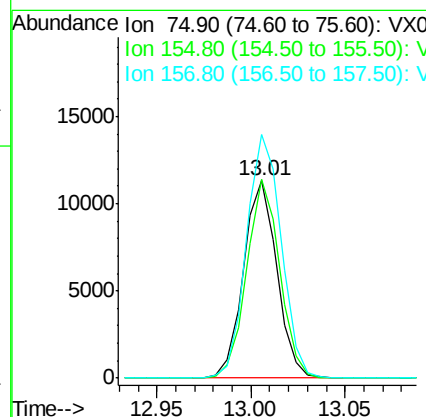
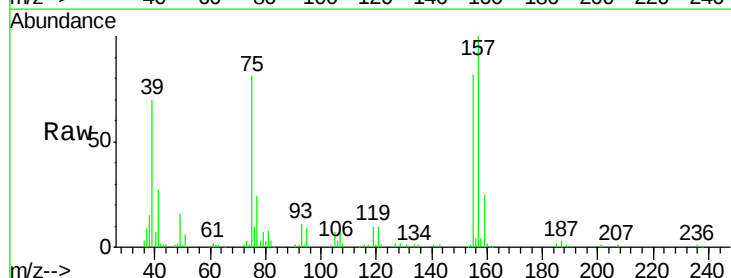
Manual Integrations
 APPROVED

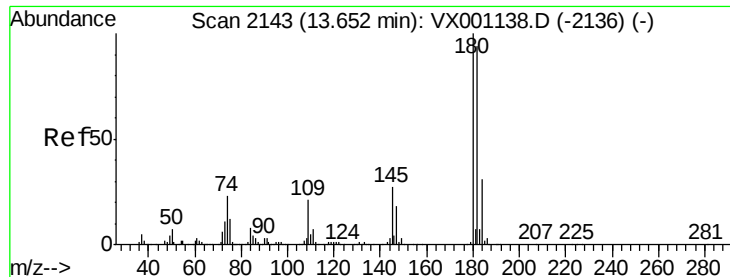
apatel
 5/1/2018 7:44:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13869		
155	99.5	48.4	145.3	
157	128.4	62.7	188.1	





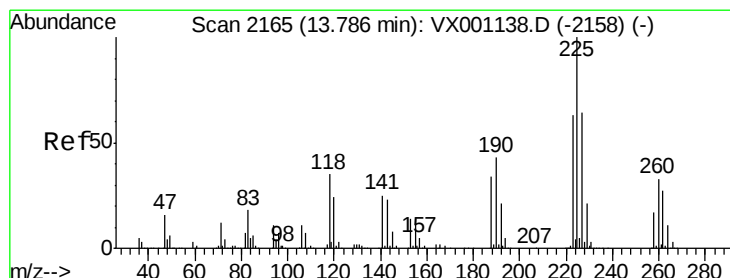
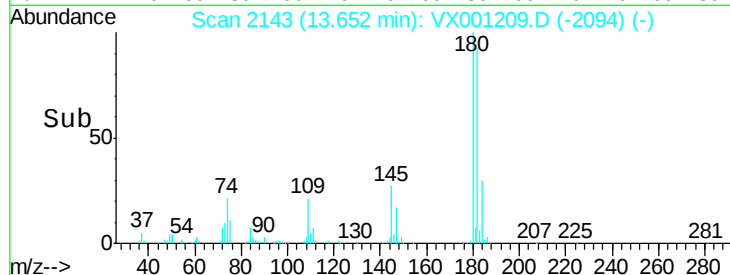
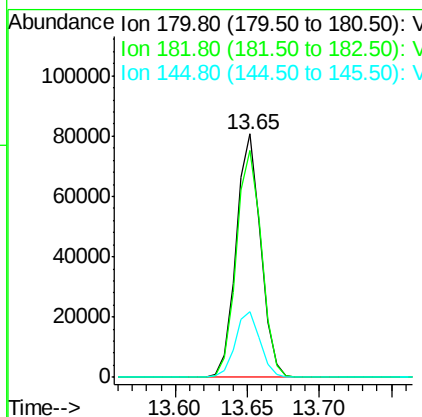
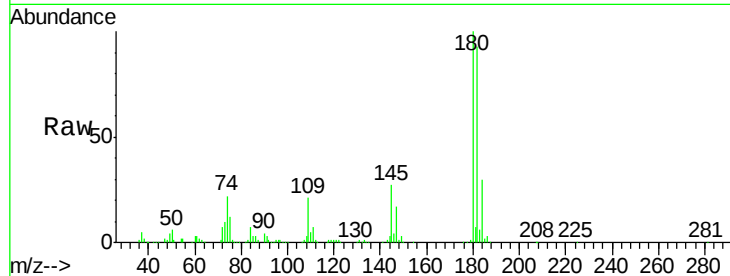
#93
 1,2,4-Trichlorobenzene
 Concen: 19.52 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95818		
182	95.3	47.9	143.6	
145	27.5	13.8	41.4	

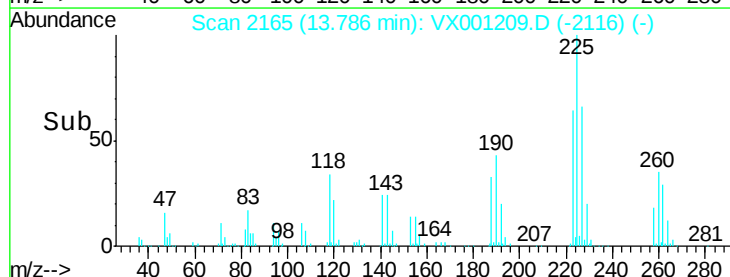
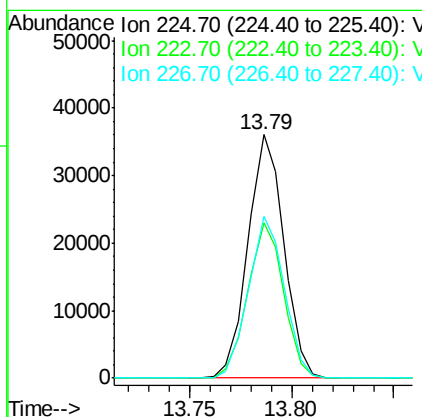
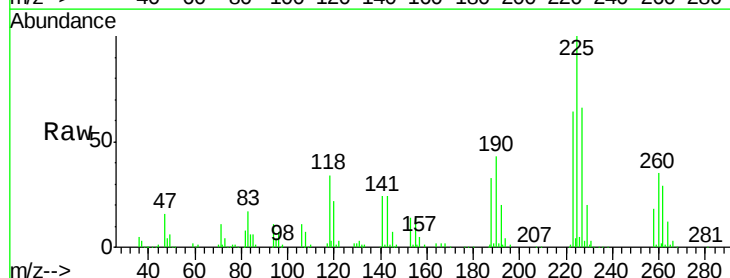
Manual Integrations
 APPROVED

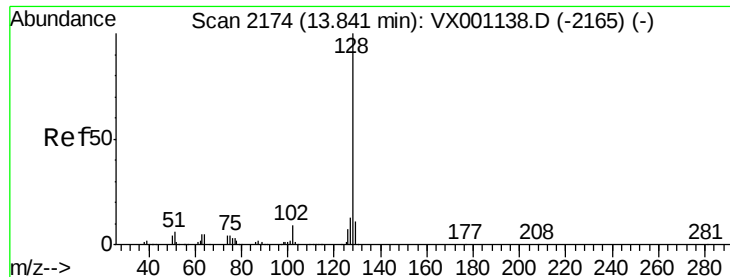
apatel
 5/1/2018 7:44:39 PM



#94
 Hexachlorobutadiene
 Concen: 19.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001209.D
 Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44238		
223	63.7	31.3	93.9	
227	66.2	32.2	96.6	





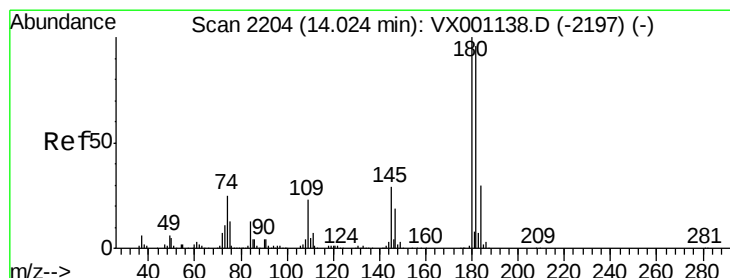
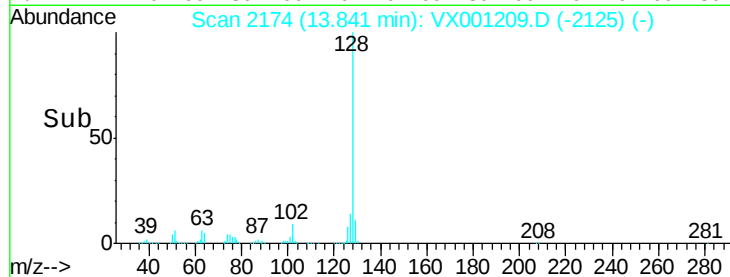
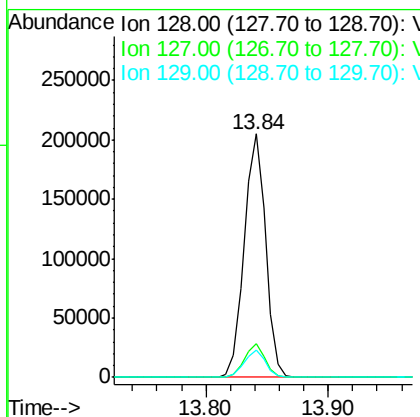
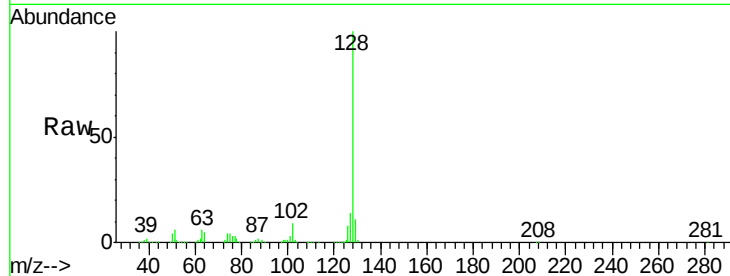
#95
Naphthalene
Concen: 18.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	247991		
127	13.1	10.6	15.8	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
5/1/2018 7:44:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.38 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001209.D
Acq: 28 Apr 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94688		
182	96.4	48.2	144.6	
145	29.0	14.5	43.5	

