

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003843.D
 Acq On : 11 Jul 2018 00:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/11/2018 12:58:43 PM

Quant Time: Jul 11 05:54:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132073	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.88	113	111760	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.32	98	439469	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	160089	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44169m	44.67	ug/l	
3) Chloromethane	2.21	50	83090	44.27	ug/l	97
4) Vinyl Chloride	2.36	62	120715	48.76	ug/l	99
5) Bromomethane	2.77	94	69542	39.79	ug/l	98
6) Chloroethane	2.92	64	62264	41.94	ug/l	96
7) Trichlorofluoromethane	3.25	101	49793	49.79	ug/l	99
8) Diethyl Ether	3.67	74	52730	51.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	102326	52.61	ug/l	99
10) Methyl Iodide	4.26	142	153636	53.07	ug/l	99
11) Tert butyl alcohol	5.18	59	44445	308.48	ug/l	96
12) 1,1-Dichloroethene	4.03	96	101518	53.16	ug/l	99
13) Acrolein	3.89	56	59889	346.98	ug/l	96
14) Allyl chloride	4.66	41	176011	53.01	ug/l	99
15) Acrylonitrile	5.37	53	148329	288.98	ug/l	100
16) Acetone	4.12	43	130669	283.29	ug/l	98
17) Carbon Disulfide	4.37	76	311071	49.68	ug/l	99
18) Methyl Acetate	4.67	43	77455	59.56	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	215935	54.72	ug/l	98
20) Methylene Chloride	4.90	84	115778	51.65	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114147	50.49	ug/l	98
22) Diisopropyl ether	6.31	45	393245	53.87	ug/l	98
23) Vinyl Acetate	6.26	43	1210522	271.66	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220183	49.87	ug/l	99
25) 2-Butanone	7.18	43	204094	282.50	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114766	47.93	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	126339	50.53	ug/l	99
28) Bromochloromethane	7.51	49	96827	49.23	ug/l	99
29) Tetrahydrofuran	7.53	42	136930	294.84	ug/l	99
30) Chloroform	7.68	83	226839	50.37	ug/l	98
31) Cyclohexane	7.95	56	187949	48.45	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	172995	50.47	ug/l	99
36) 1,1-Dichloropropene	8.08	75	175465	51.92	ug/l	99
37) Ethyl Acetate	7.26	43	92526	56.27	ug/l	100
38) Carbon Tetrachloride	8.07	117	163440	50.86	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003843.D
 Acq On : 11 Jul 2018 00:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/11/2018 12:58:43 PM

Quant Time: Jul 11 05:54:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197896	53.46	ug/l	99
40) Benzene	8.32	78	502187	51.98	ug/l	98
41) Methacrylonitrile	7.49	41	50402	53.28	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164522	52.61	ug/l	99
43) Isopropyl Acetate	8.43	43	173321	55.61	ug/l	98
44) Trichloroethene	9.09	130	124376	51.06	ug/l	98
45) 1,2-Dichloropropane	9.37	63	131432	52.32	ug/l	98
46) Dibromomethane	9.46	93	69676	52.75	ug/l	99
47) Bromodichloromethane	9.65	83	171508	52.78	ug/l	99
48) Methyl methacrylate	9.44	41	86470	58.26	ug/l	99
49) 1,4-Dioxane	9.45	88	24459	1238.88	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	482151	298.95	ug/l	100
52) Toluene	10.39	92	319268	53.29	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175156	53.98	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193866	52.93	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98049	53.44	ug/l	96
56) Ethyl methacrylate	10.65	69	131246	58.62	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171948	53.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	303695	257.23	ug/l	99
59) 2-Hexanone	10.98	43	343265	309.95	ug/l	99
60) Dibromochloromethane	11.13	129	116581	54.44	ug/l	100
61) 1,2-Dibromoethane	11.24	107	94598	53.92	ug/l	99
64) Tetrachloroethene	10.87	164	116898	51.47	ug/l	96
65) Chlorobenzene	11.66	112	348389	51.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	122683	51.87	ug/l	99
67) Ethyl Benzene	11.74	91	628046	54.27	ug/l	100
68) m/p-Xylenes	11.84	106	479255	108.14	ug/l	100
69) o-Xylene	12.17	106	223213	54.59	ug/l	100
70) Styrene	12.18	104	389341	55.99	ug/l	99
71) Bromoform	12.35	173	72163	55.29	ug/l #	99
73) Isopropylbenzene	12.47	105	615749	54.62	ug/l	99
74) N-amyl acetate	12.28	43	174107	56.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124517	54.48	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81720m	49.99	ug/l	
77) Bromobenzene	12.75	156	147504	52.70	ug/l	99
78) n-propylbenzene	12.81	91	770956	54.48	ug/l	100
79) 2-Chlorotoluene	12.90	91	434385	53.43	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	529208	54.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36827	55.11	ug/l	99
82) 4-Chlorotoluene	12.99	91	463172	52.98	ug/l	100
83) tert-Butylbenzene	13.21	119	444452	55.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	549890	54.48	ug/l	99
85) sec-Butylbenzene	13.39	105	655286	54.66	ug/l	100
86) p-Isopropyltoluene	13.51	119	571757	54.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	294128	51.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	295041	51.74	ug/l	100
89) n-Butylbenzene	13.83	91	564045	54.74	ug/l	99
90) Hexachloroethane	14.10	117	103987	51.54	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	268410	52.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21592	54.58	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003843.D
Acq On : 11 Jul 2018 00:19
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

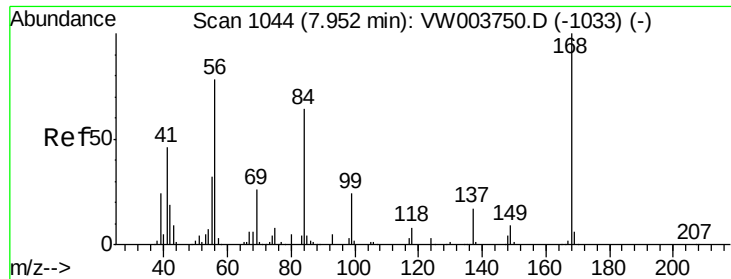
Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM

Quant Time: Jul 11 05:54:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182368	52.79	ug/l	99
94) Hexachlorobutadiene	15.24	225	101084	51.16	ug/l	99
95) Naphthalene	15.38	128	364039	58.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165137	53.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 203298

Ion Ratio Lower Upper

168 100

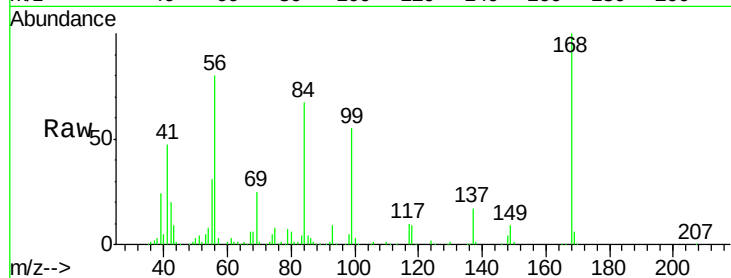
99 55.4 45.0 67.6

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

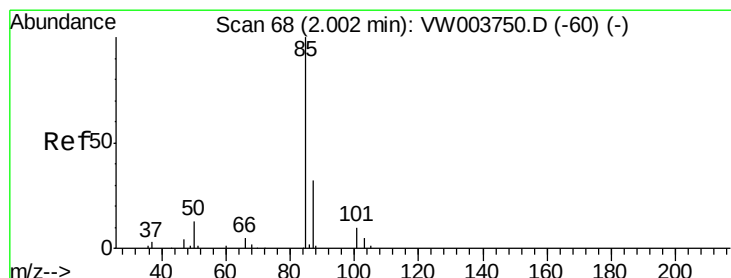
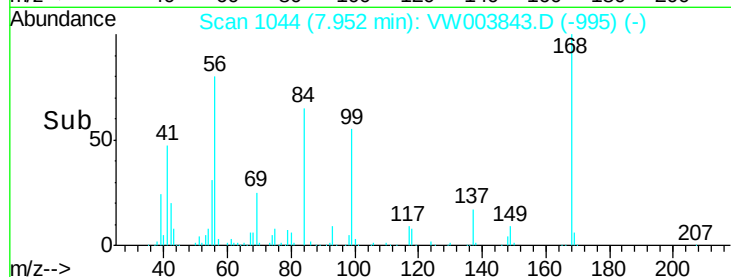
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.67 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003843.D

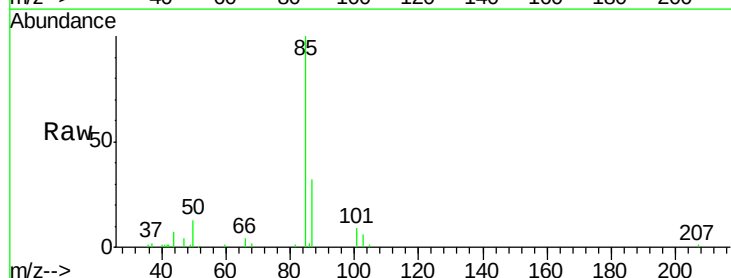
Acq: 11 Jul 2018 00:19

Tgt Ion: 85 Resp: 44169

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

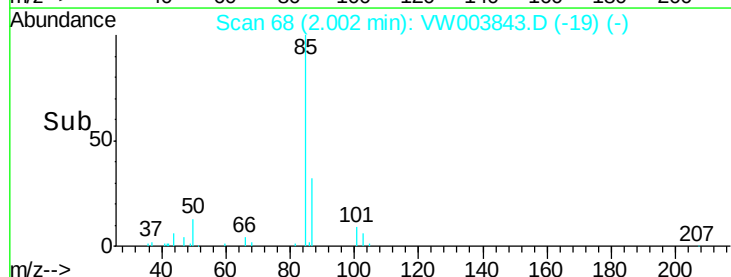
15000

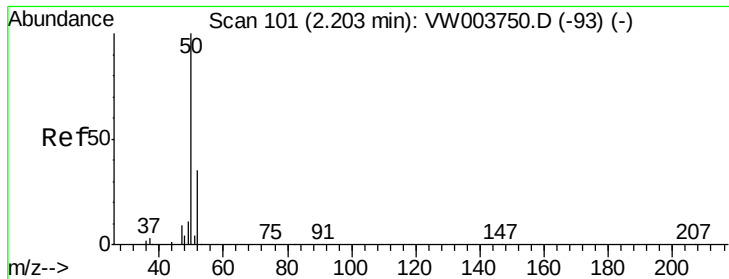
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 83090

Ion Ratio Lower Upper

50 100

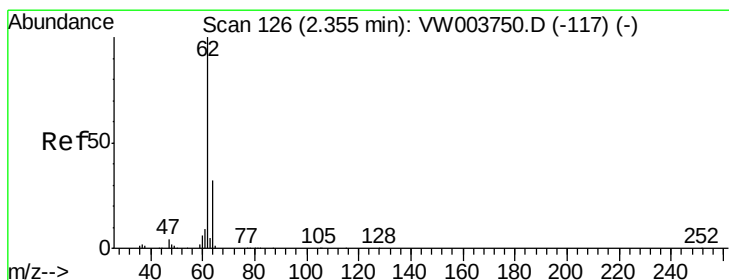
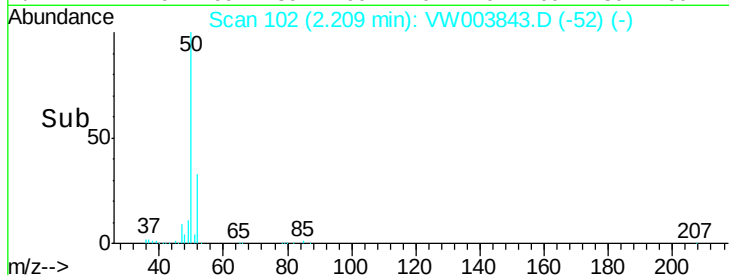
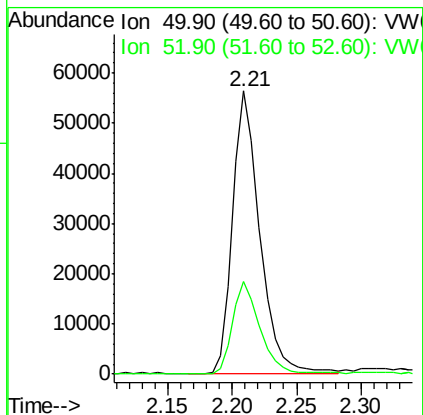
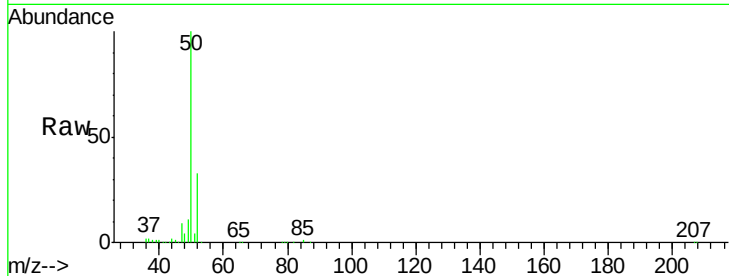
52 32.9 27.8 41.6

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#4

Vinyl Chloride

Concen: 48.76 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003843.D

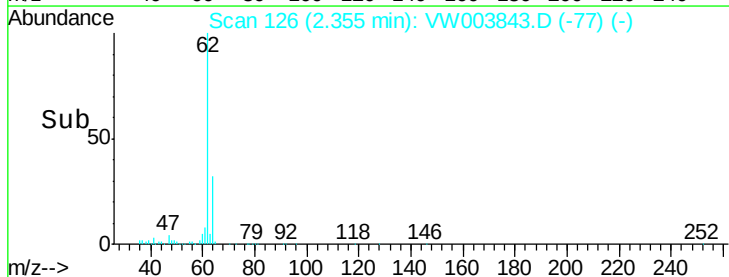
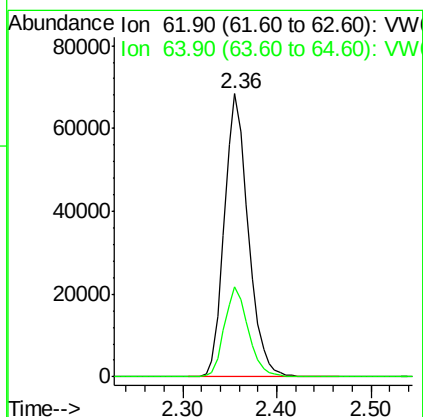
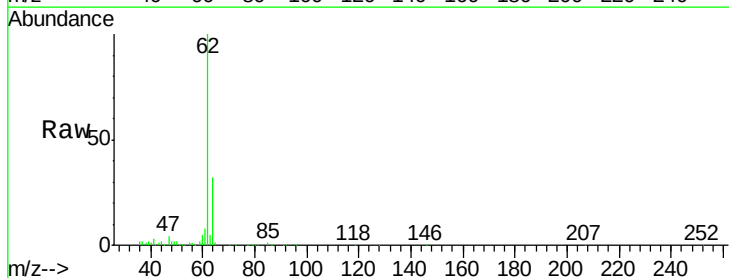
Acq: 11 Jul 2018 00:19

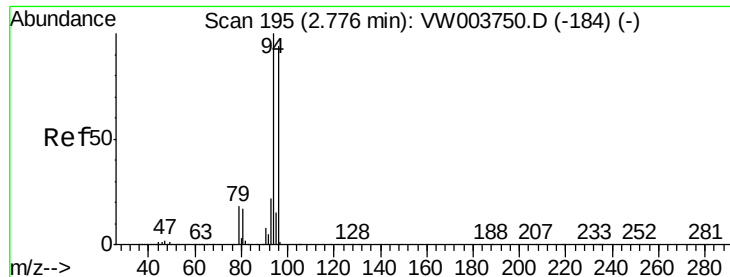
Tgt Ion: 62 Resp: 120715

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 39.79 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69542

Ion Ratio Lower Upper

94 100

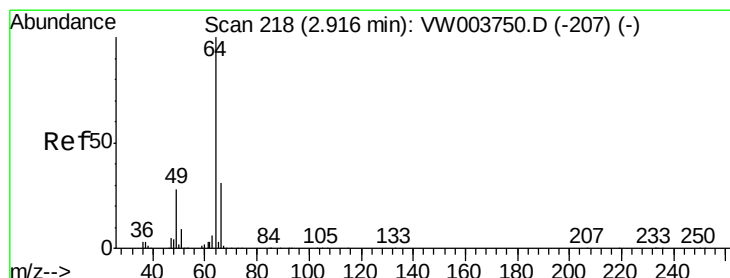
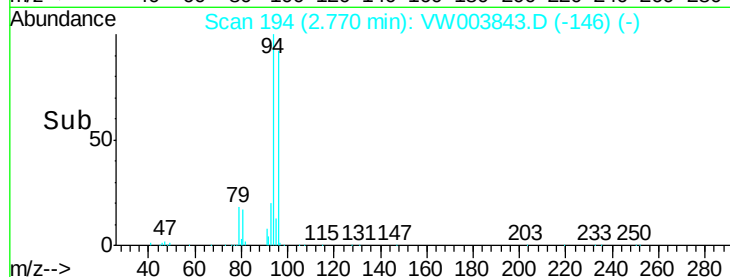
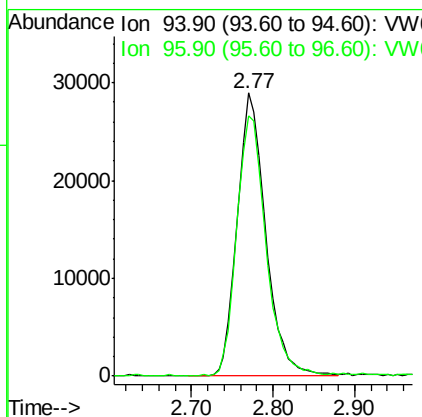
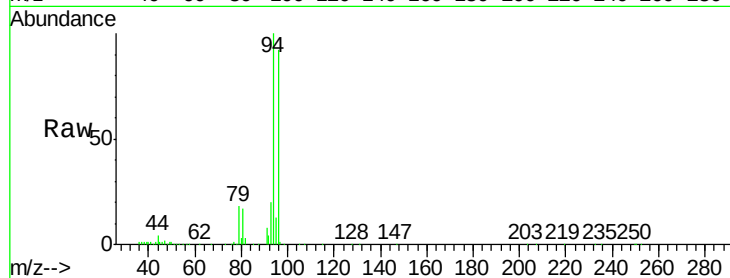
96 92.0 74.8 112.2

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#6

Chloroethane

Concen: 41.94 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003843.D

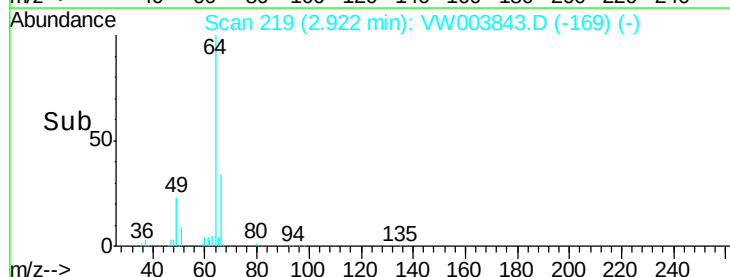
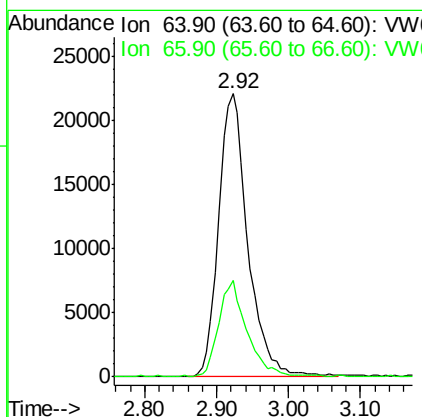
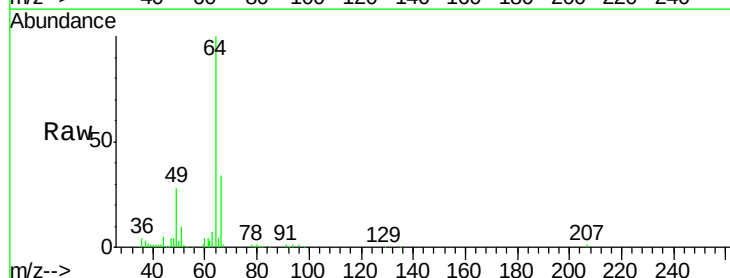
Acq: 11 Jul 2018 00:19

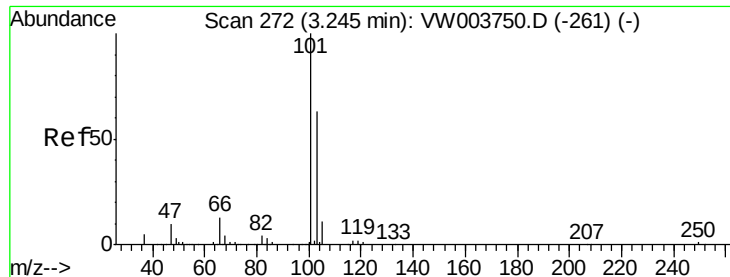
Tgt Ion: 64 Resp: 62264

Ion Ratio Lower Upper

64 100

66 33.8 25.1 37.7





#7

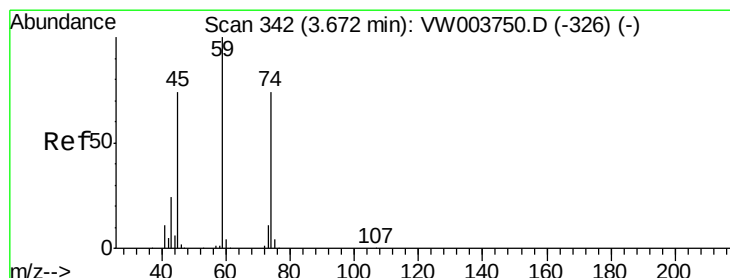
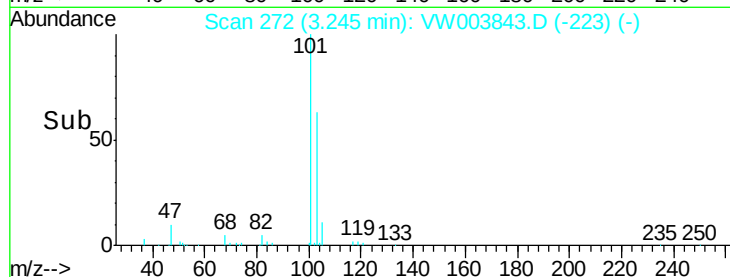
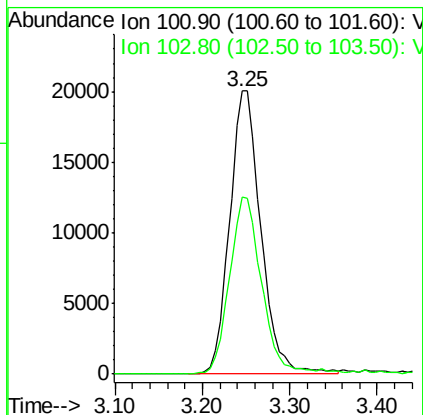
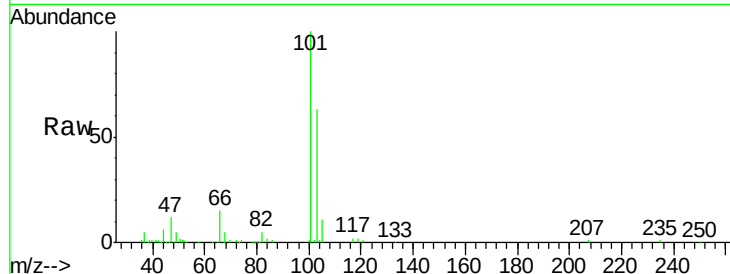
Trichlorofluoromethane
Concen: 49.79 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	50.7	76.1

Manual Integrations
APPROVED

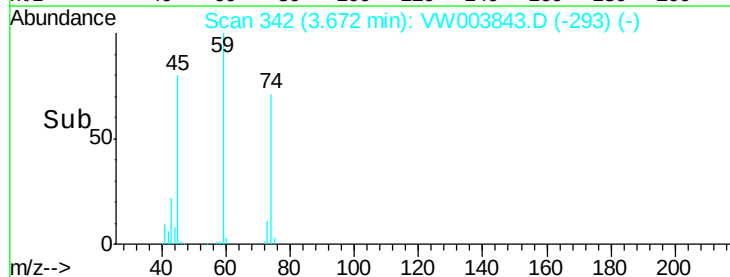
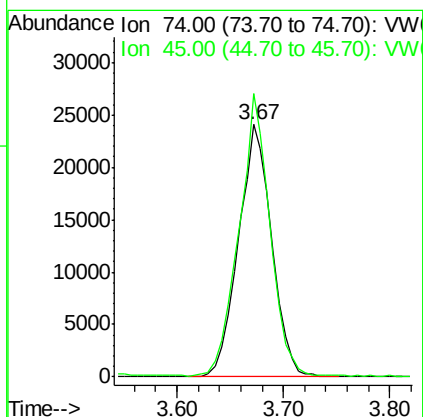
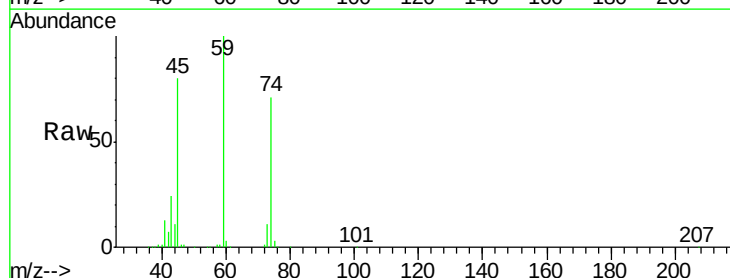
apatel
7/11/2018 12:58:43 PM

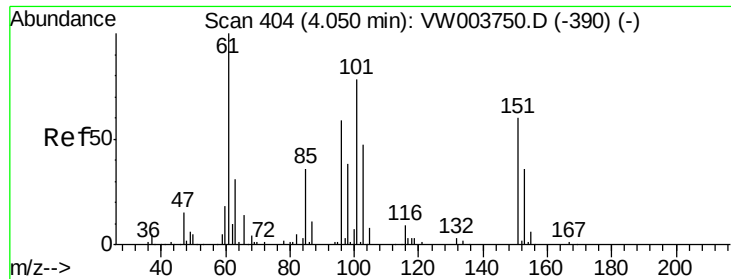


#8

Diethyl Ether
Concen: 51.44 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.61 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

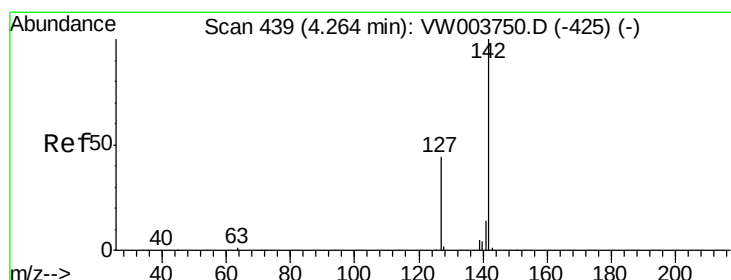
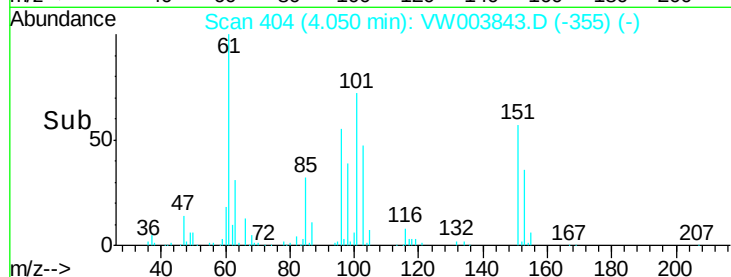
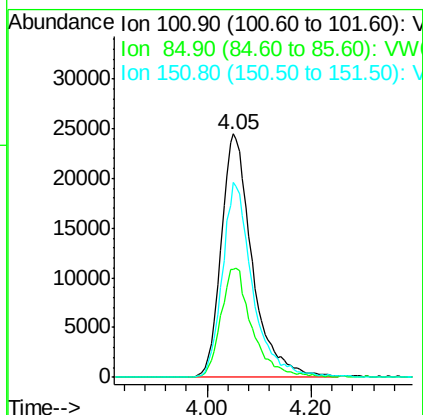
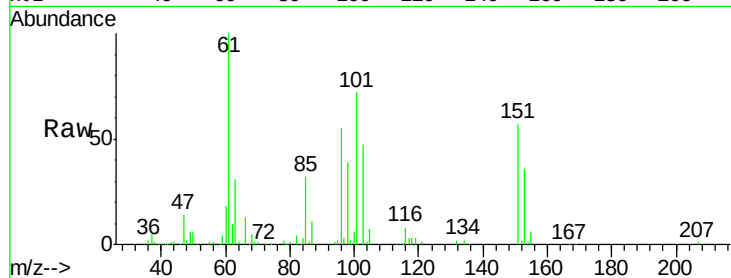
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102326
Ion Ratio	Lower	Upper	
101	100		
85	44.8	37.1	55.7
151	77.4	62.3	93.5

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#10

Methyl Iodide

Concen: 53.07 ug/l

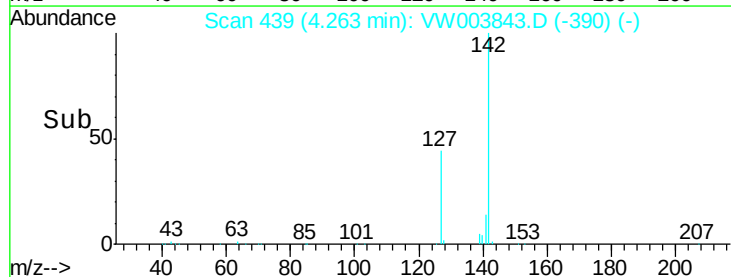
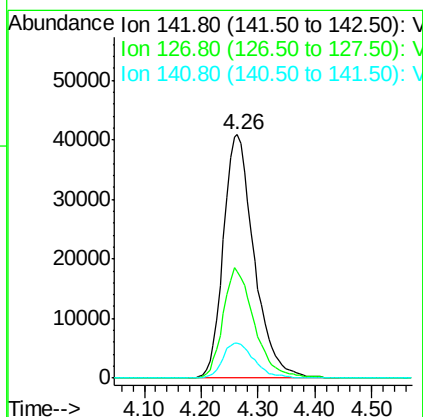
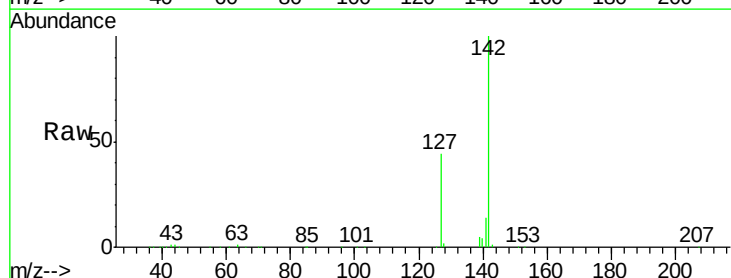
RT: 4.26 min Scan# 439

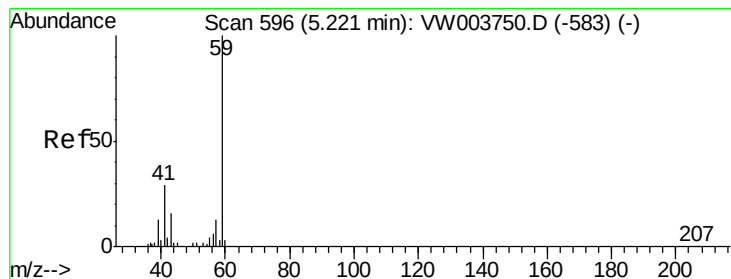
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	142	Resp:	153636
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.1	54.1
141	14.9	11.6	17.4





#11

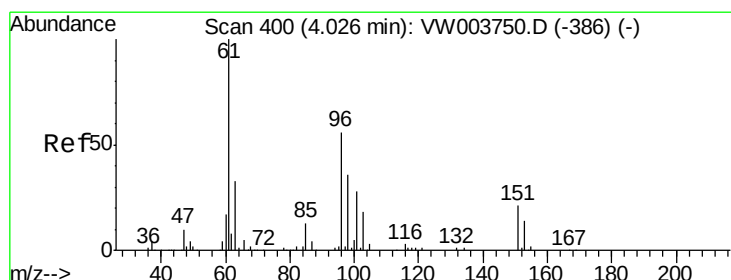
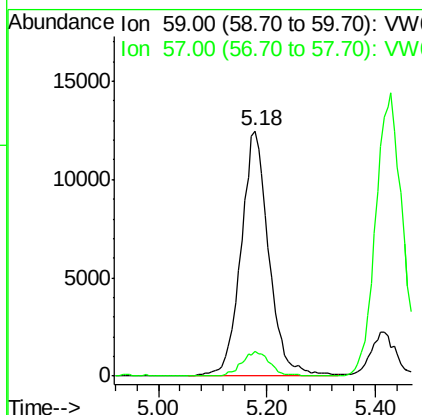
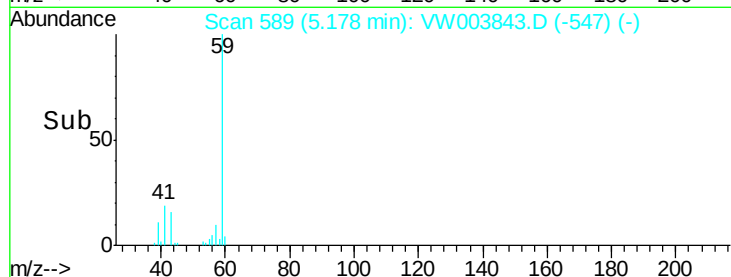
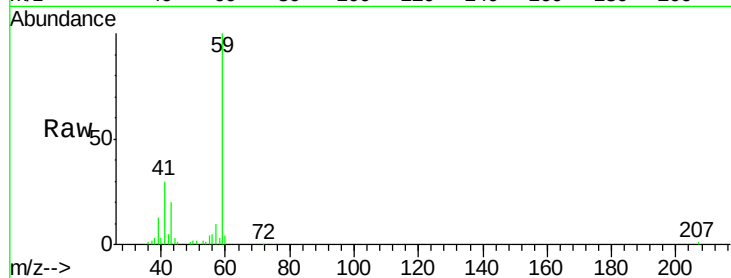
Tert butyl alcohol
Concen: 308.48 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.04 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	9.3	13.9

Manual Integrations
APPROVED

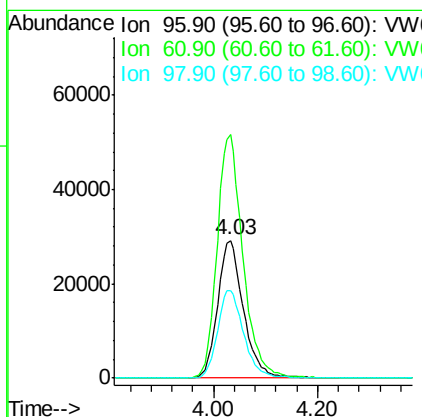
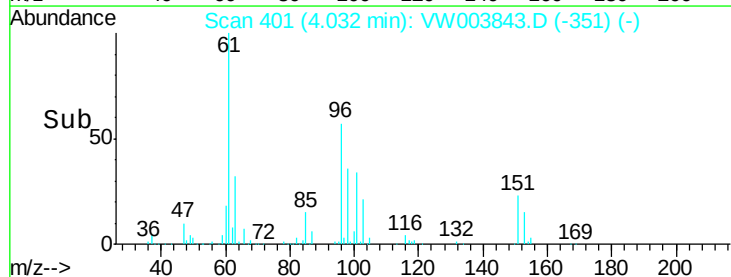
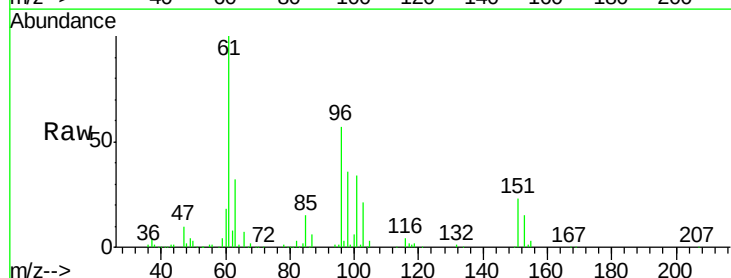
apatel
7/11/2018 12:58:43 PM

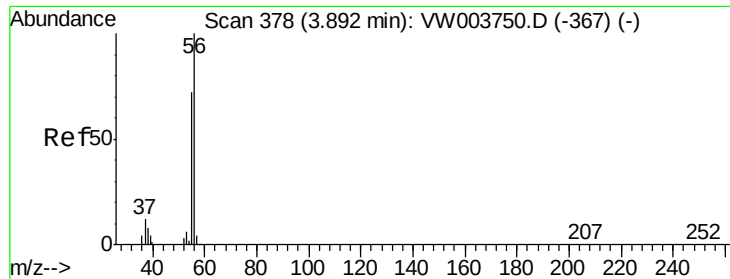


#12

1,1-Dichloroethene
Concen: 53.16 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.8	143.2	214.8
98	63.3	51.4	77.0





#13

Acrolein

Concen: 346.98 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 59889

Ion Ratio Lower Upper

56 100

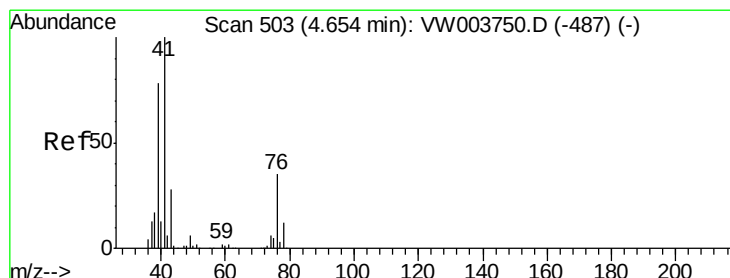
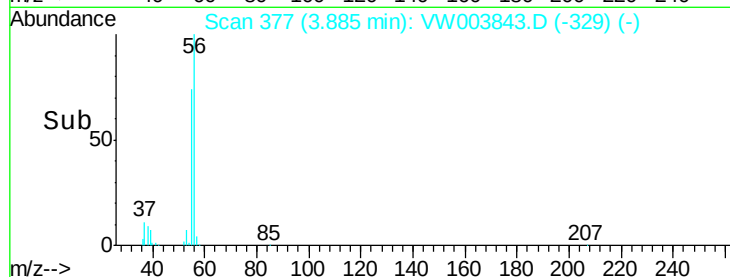
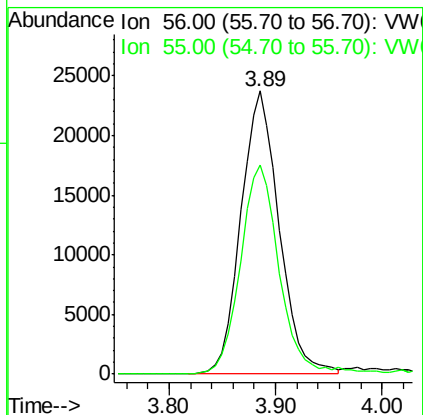
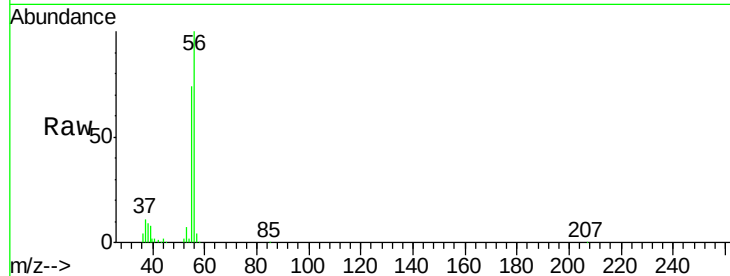
55 75.4 57.5 86.3

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#14

Allyl chloride

Concen: 53.01 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

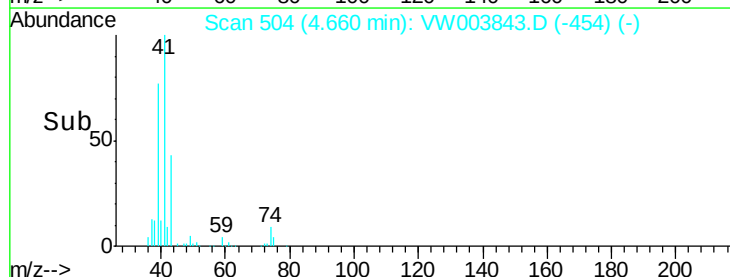
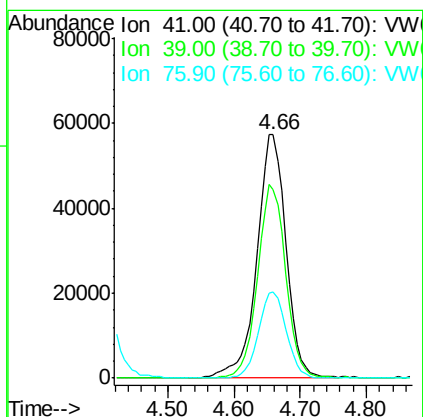
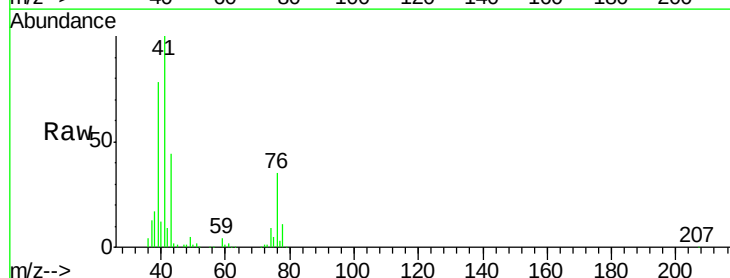
Tgt Ion: 41 Resp: 176011

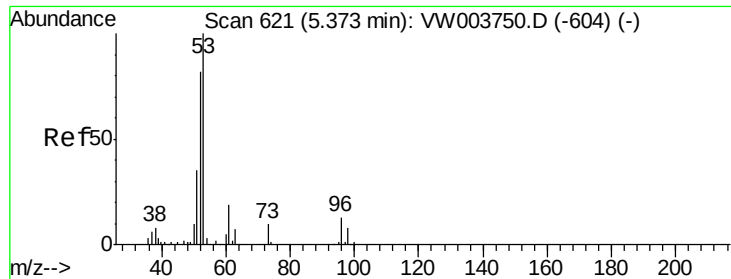
Ion Ratio Lower Upper

41 100

39 76.5 60.9 91.3

76 33.8 27.5 41.3





#15

Acrylonitrile

Concen: 288.98 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

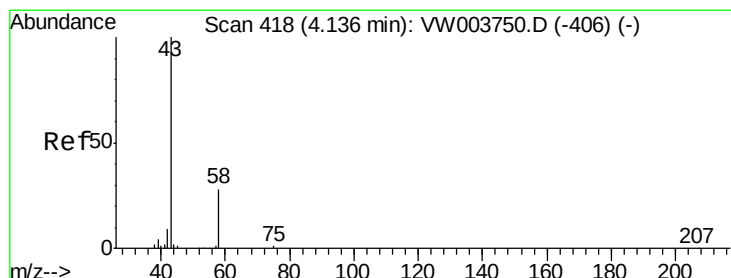
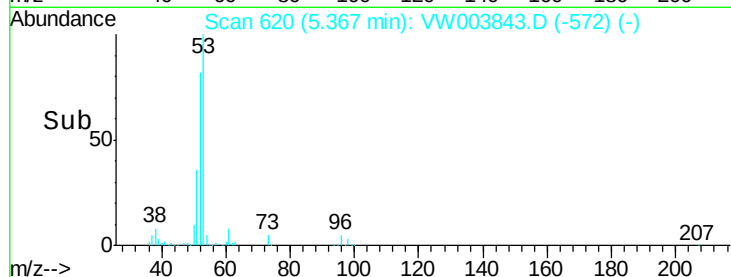
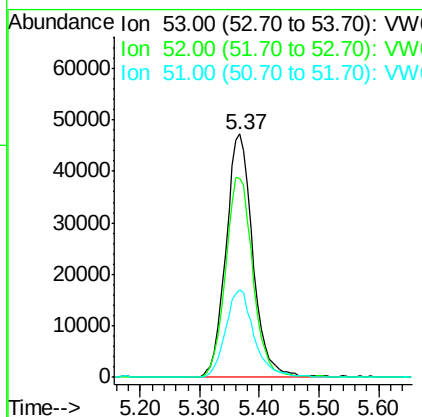
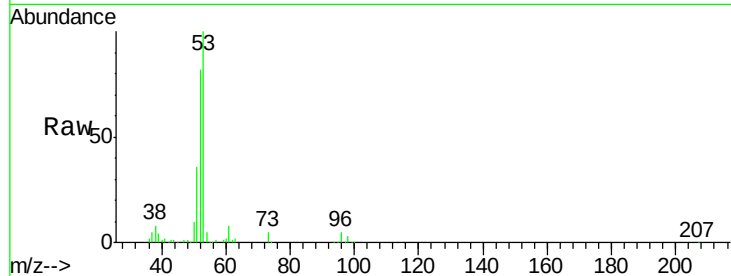
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	148329
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	38.1	30.2	45.4

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#16

Acetone

Concen: 283.29 ug/l

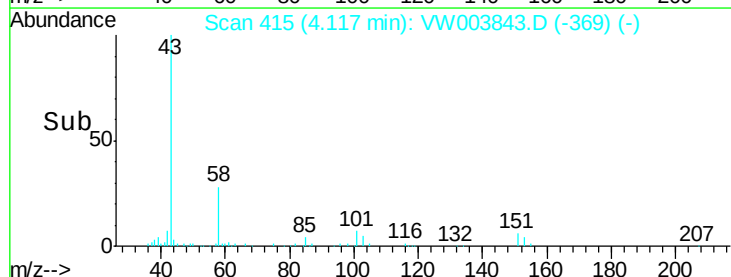
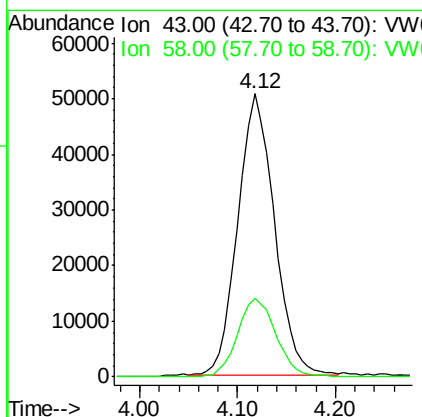
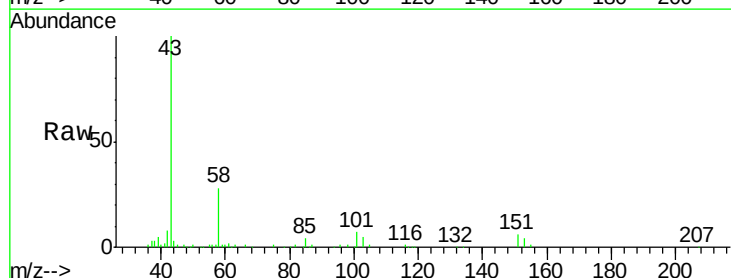
RT: 4.12 min Scan# 415

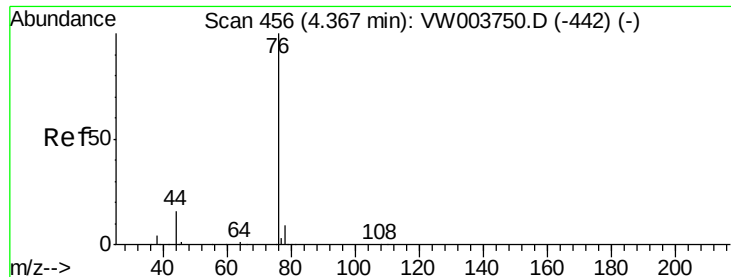
Delta R.T. -0.02 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	43	Resp:	130669
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.6	34.0





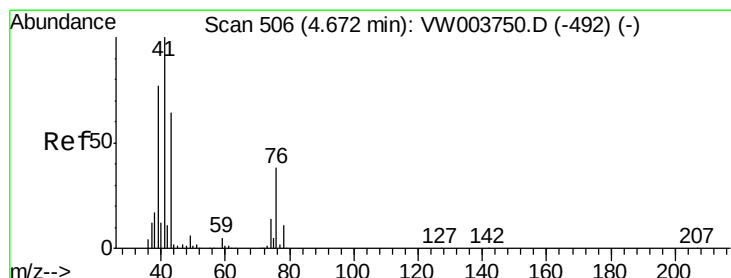
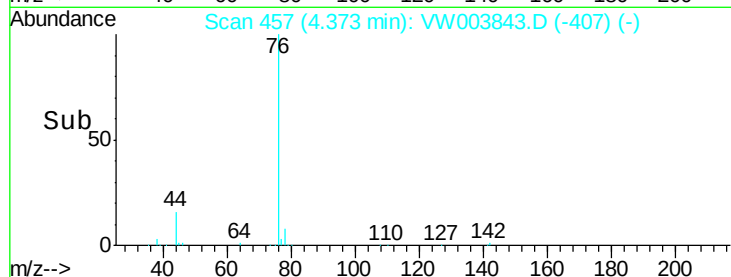
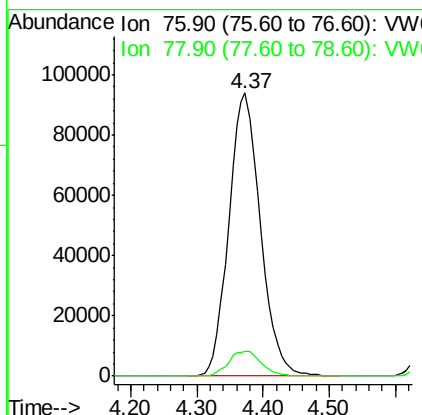
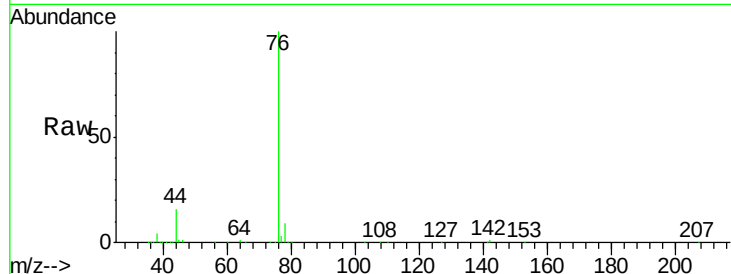
#17
Carbon Disulfide
Concen: 49.68 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

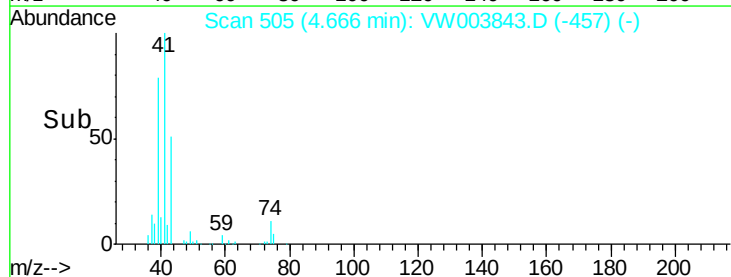
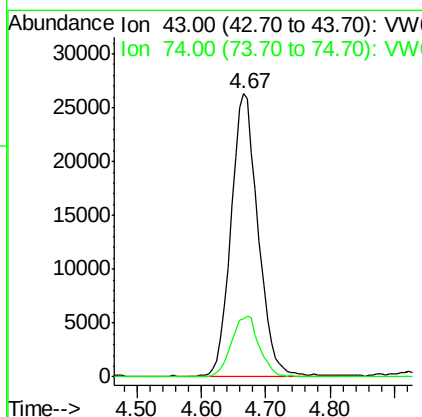
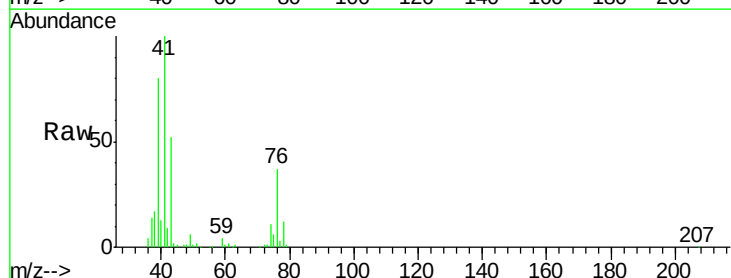
Manual Integrations
APPROVED

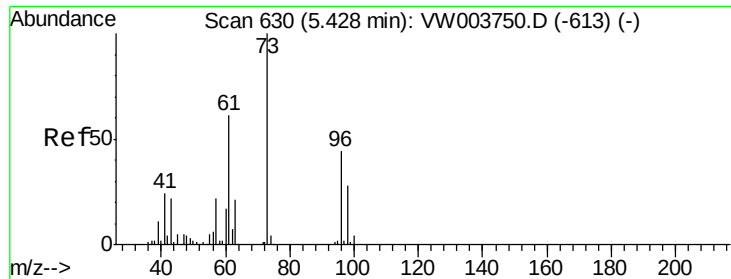
apatel
7/11/2018 12:58:43 PM



#18
Methyl Acetate
Concen: 59.56 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.3	25.9





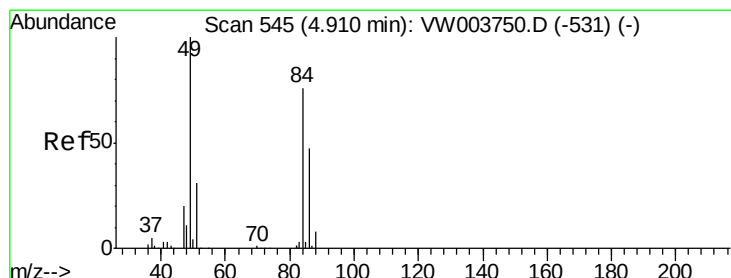
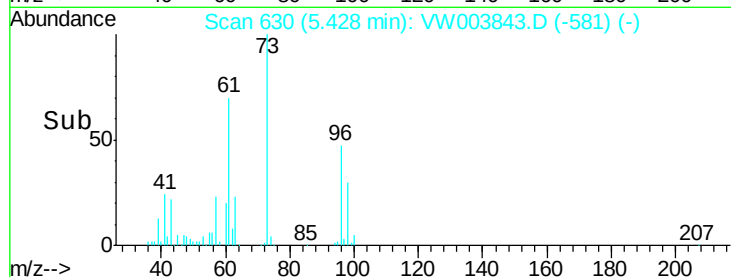
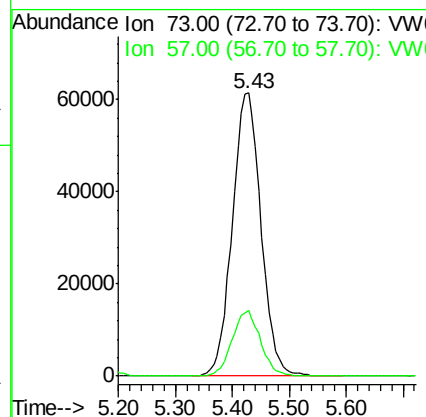
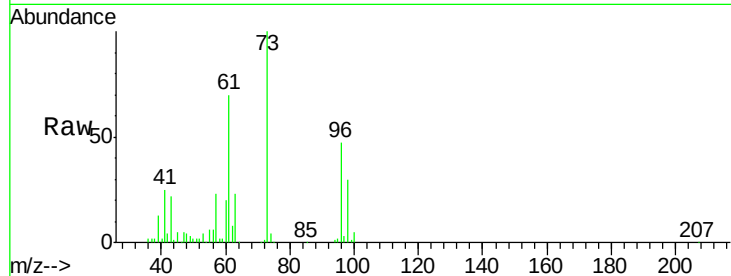
#19
Methyl tert-butyl Ether
Concen: 54.72 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 215935
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9

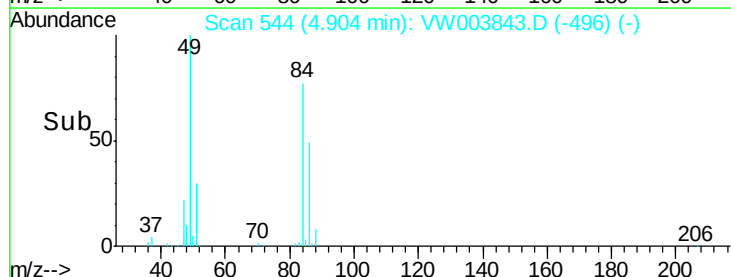
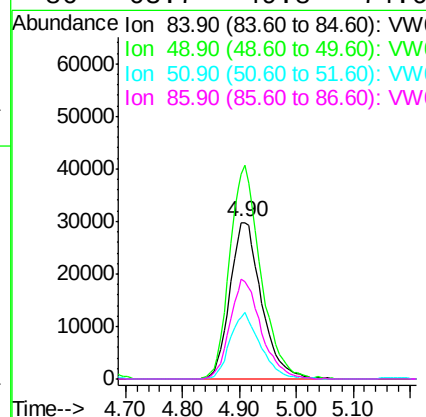
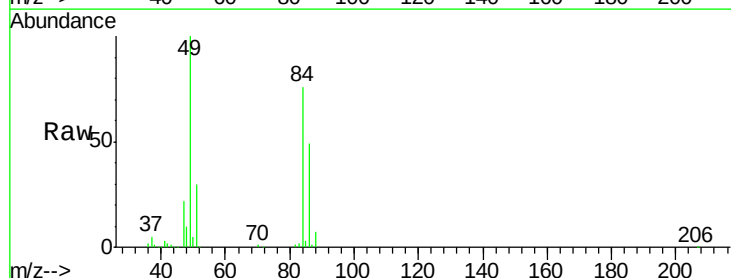
Manual Integrations
APPROVED

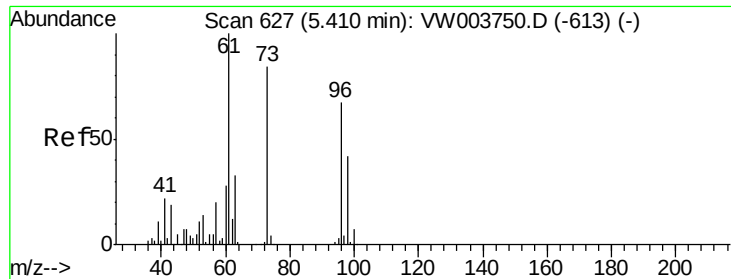
apatel
7/11/2018 12:58:43 PM



#20
Methylene Chloride
Concen: 51.65 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 84 Resp: 115778
Ion Ratio Lower Upper
84 100
49 130.9 105.1 157.7
51 39.3 32.5 48.7
86 63.7 49.8 74.6





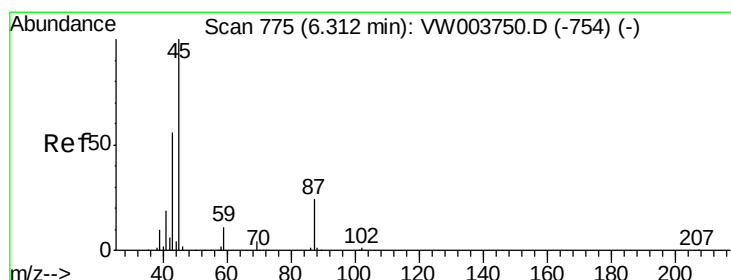
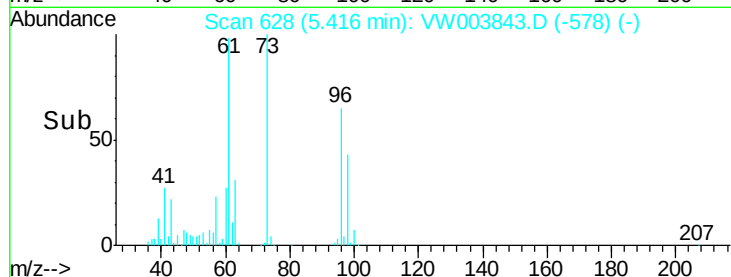
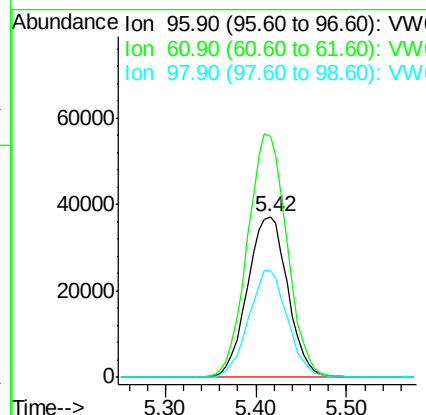
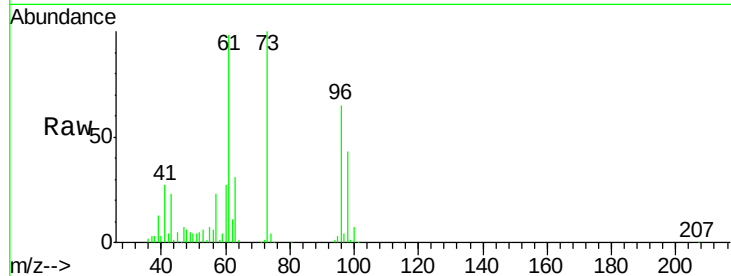
#21
trans-1,2-Dichloroethene
Concen: 50.49 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.0	178.6
98	66.6	49.8	74.8

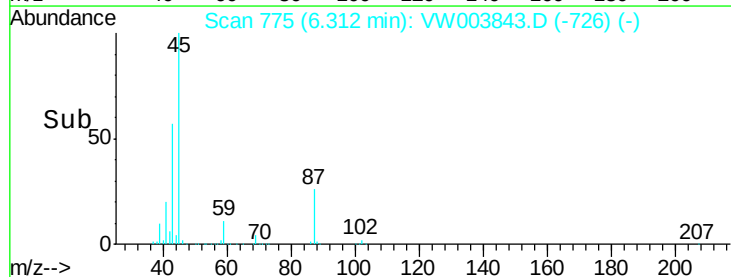
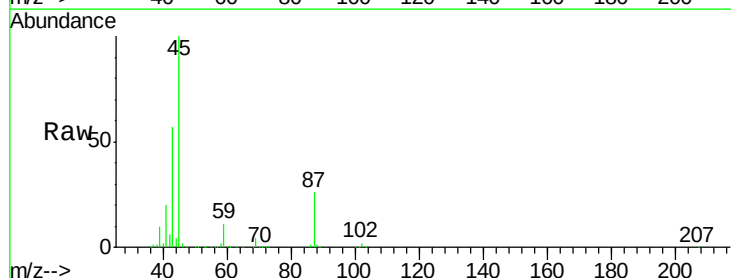
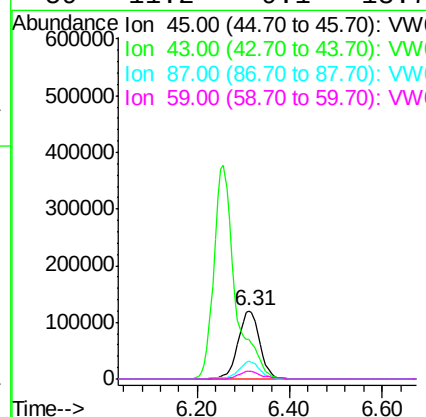
Manual Integrations
APPROVED

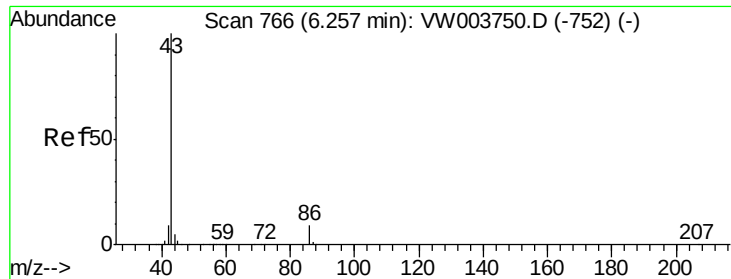
apatel
7/11/2018 12:58:43 PM



#22
Diisopropyl ether
Concen: 53.87 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.2	44.5	66.7
87	25.7	19.6	29.4
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 271.66 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1210522

Ion Ratio Lower Upper

43 100

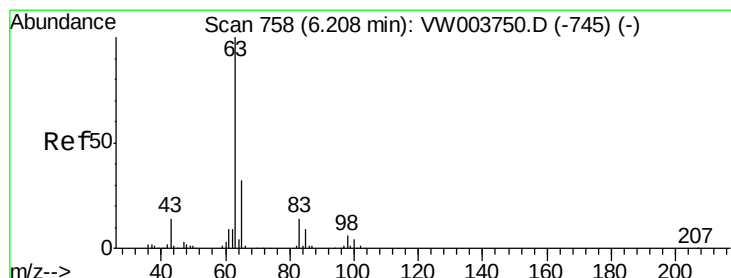
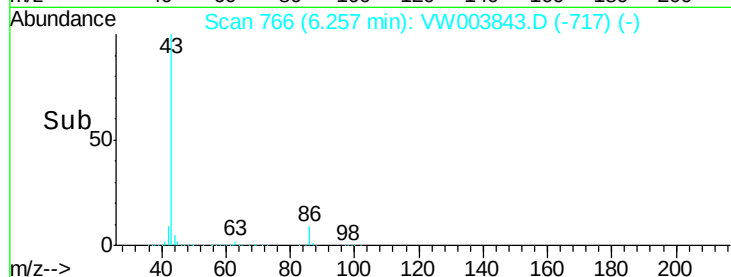
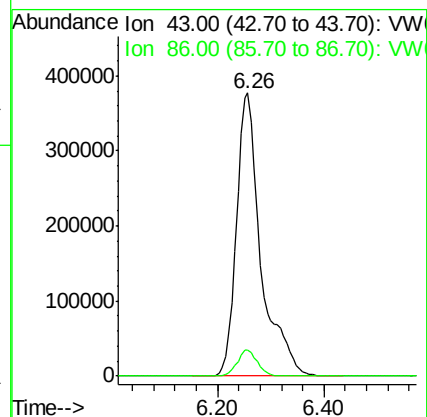
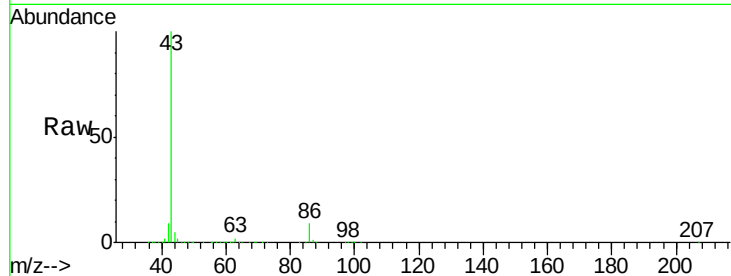
86 9.1 7.3 10.9

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#24

1,1-Dichloroethane

Concen: 49.87 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

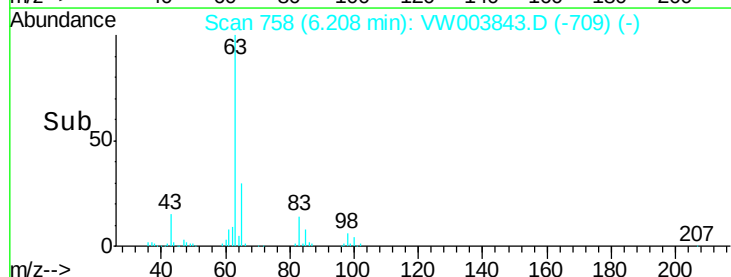
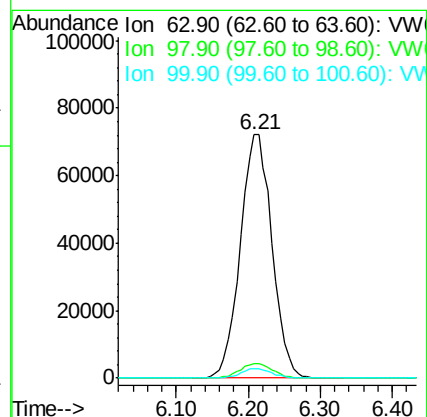
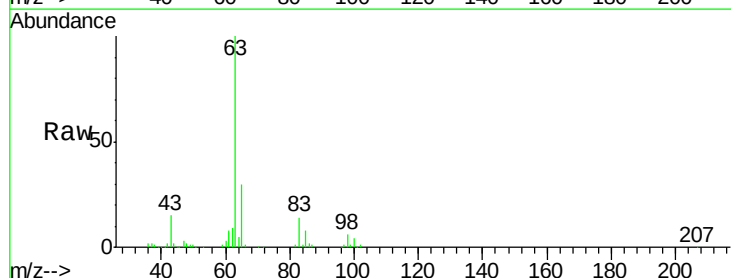
Tgt Ion: 63 Resp: 220183

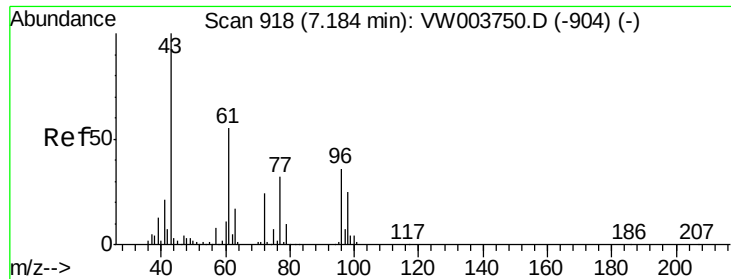
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.9 2.1 6.2





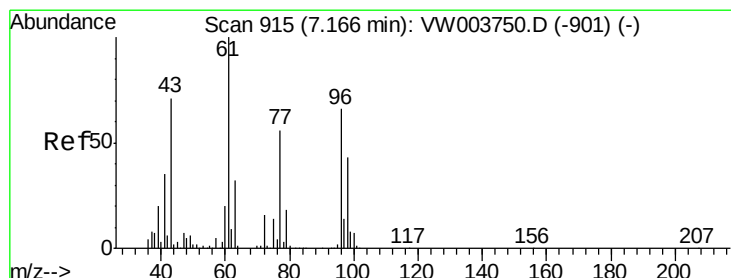
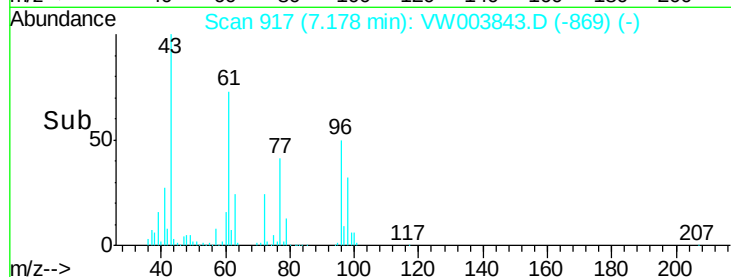
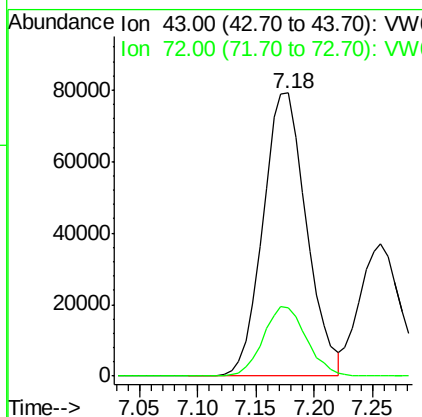
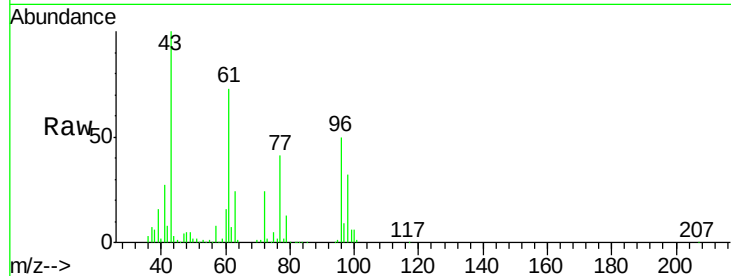
#25
2-Butanone
Concen: 282.50 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 204094
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

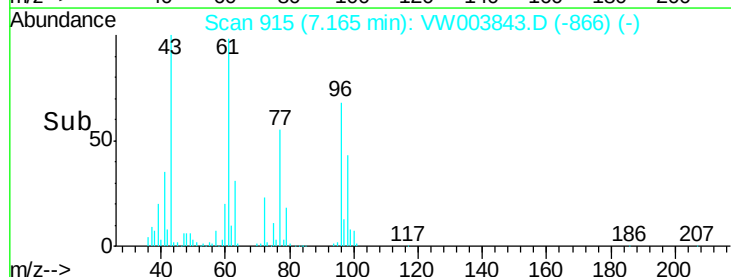
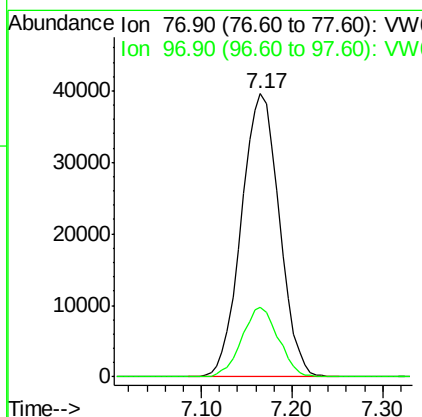
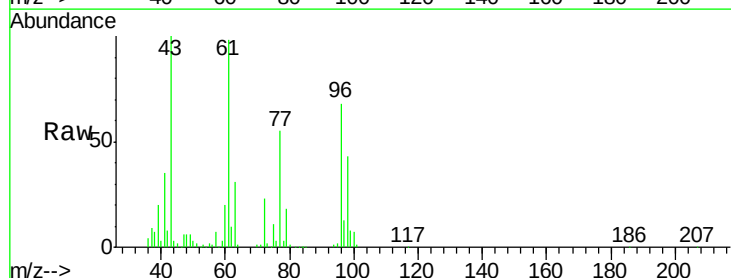
Manual Integrations
APPROVED

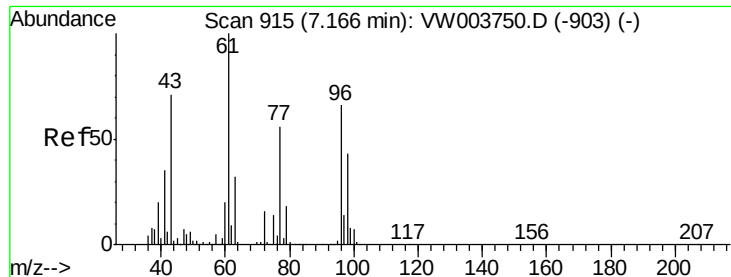
apatel
7/11/2018 12:58:43 PM



#26
2,2-Dichloropropane
Concen: 47.93 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 77 Resp: 114766
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 50.53 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

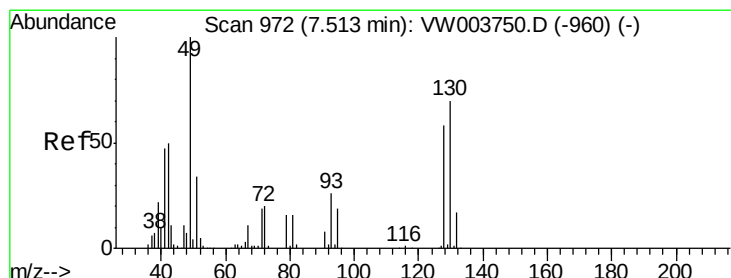
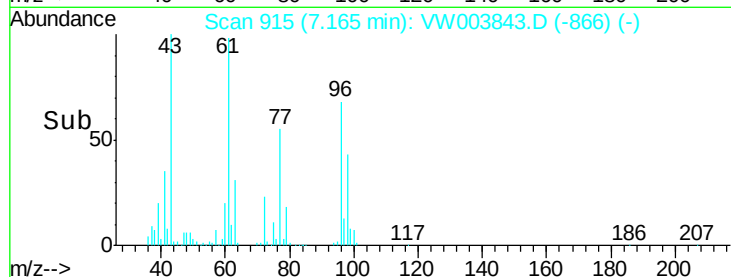
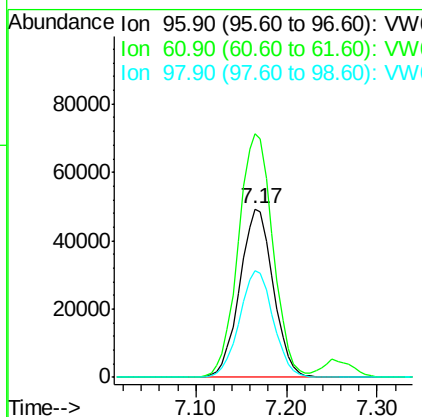
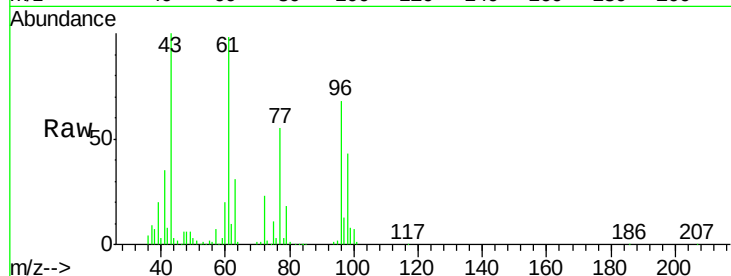
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	126339
Ion Ratio	Lower	Upper	
96	100		
61	149.4	0.0	300.8
98	63.8	0.0	128.6

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#28

Bromochloromethane

Concen: 49.23 ug/l

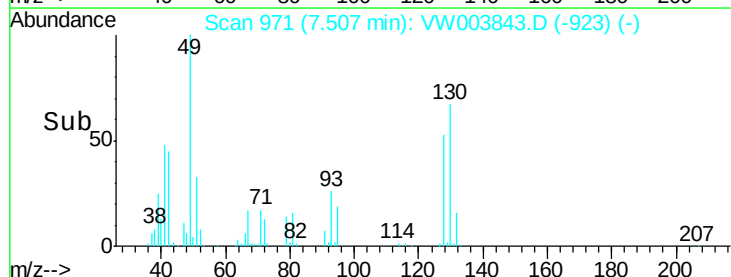
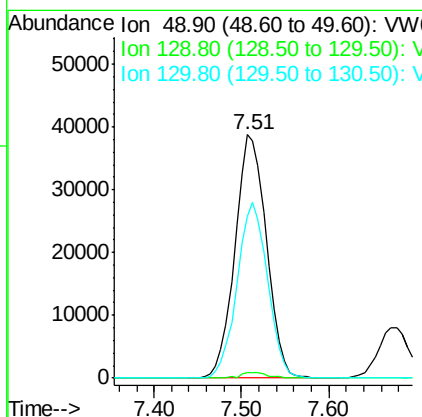
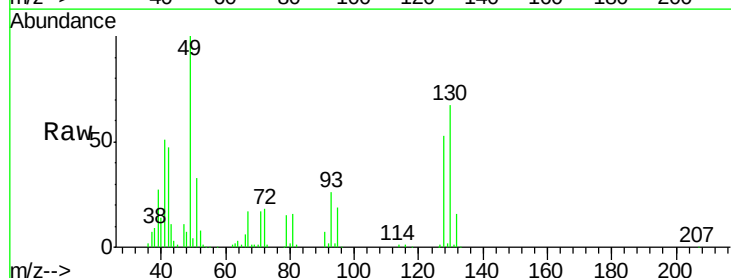
RT: 7.51 min Scan# 971

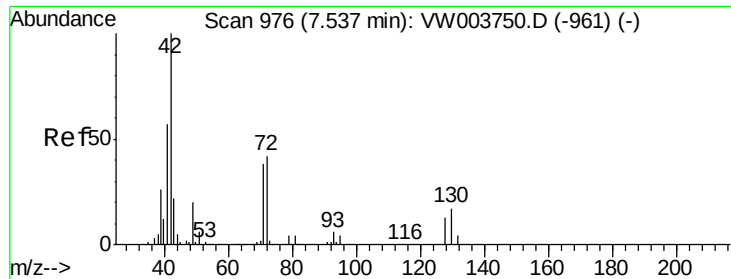
Delta R.T. -0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	49	Resp:	96827
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.4
130	70.1	56.9	85.3





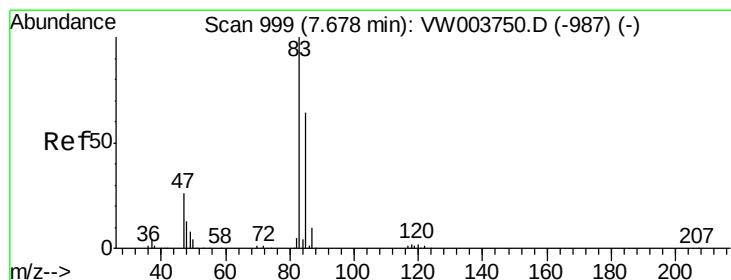
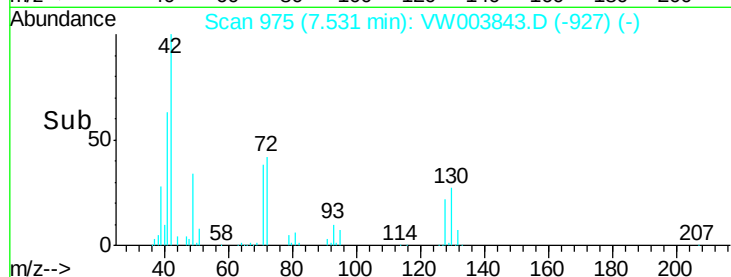
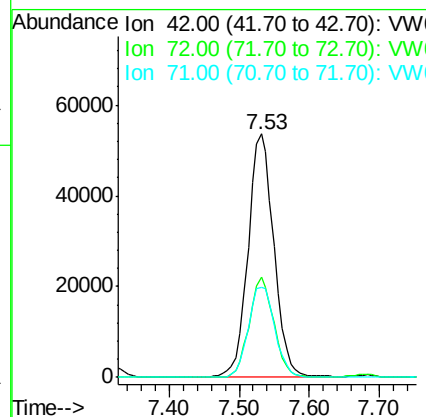
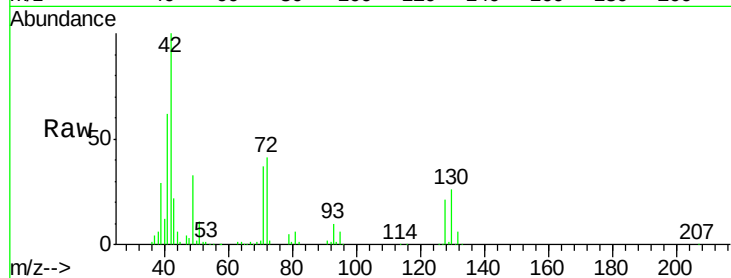
#29
Tetrahydrofuran
Concen: 294.84 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.8	47.8
71	38.4	30.3	45.5

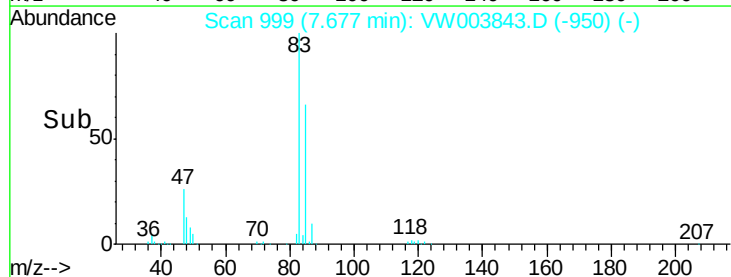
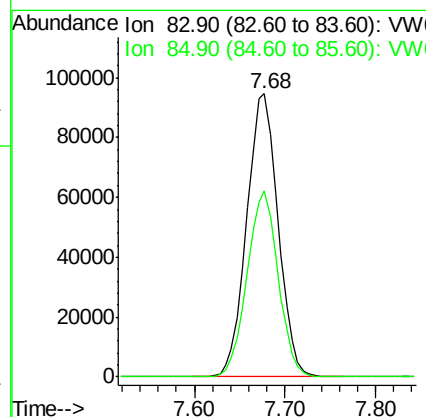
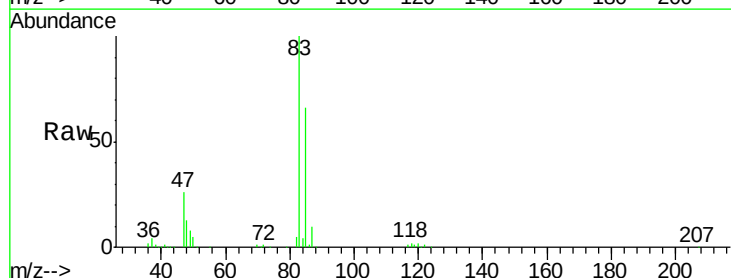
Manual Integrations
APPROVED

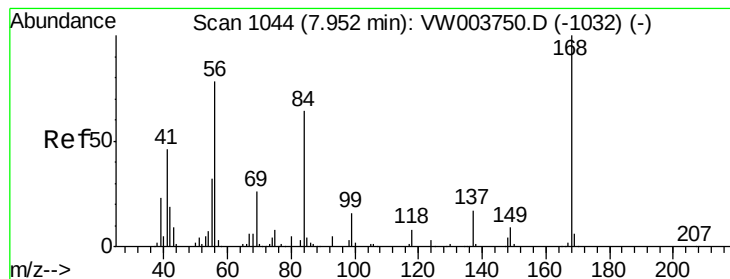
apatel
7/11/2018 12:58:43 PM



#30
Chloroform
Concen: 50.37 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3





#31

Cyclohexane

Concen: 48.45 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

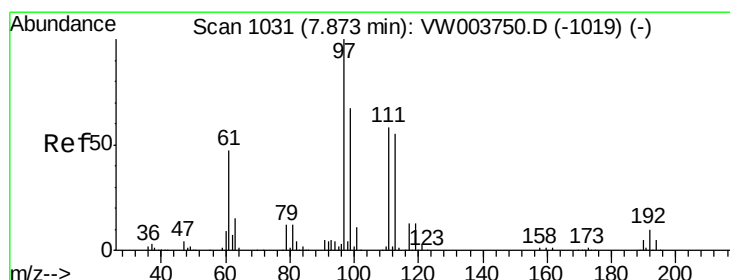
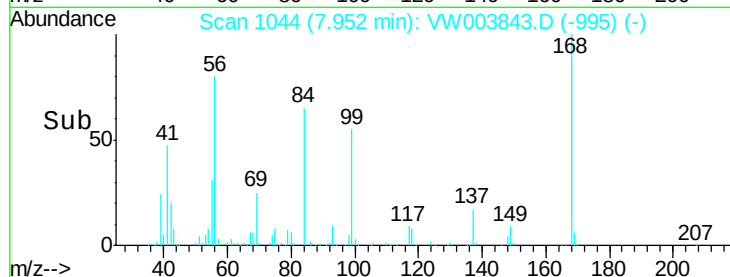
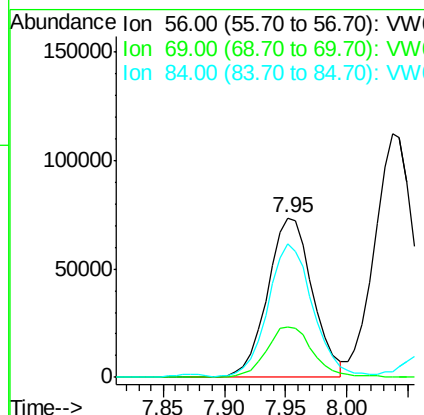
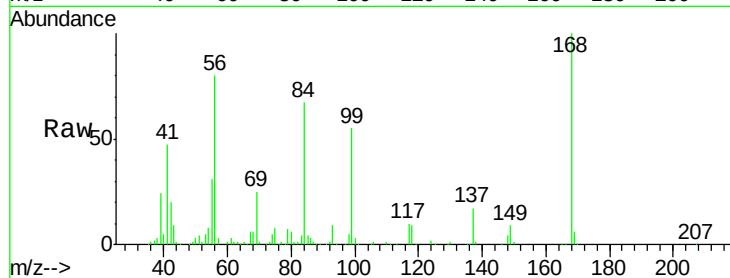
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	187949
Ion Ratio	Lower	Upper	
56	100		
69	31.7	26.2	39.4
84	82.3	65.5	98.3

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#32

1,1,1-Trichloroethane

Concen: 50.47 ug/l

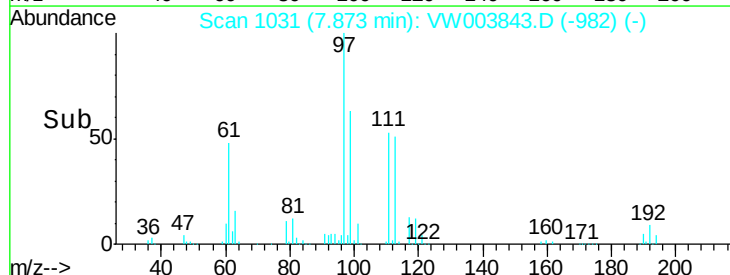
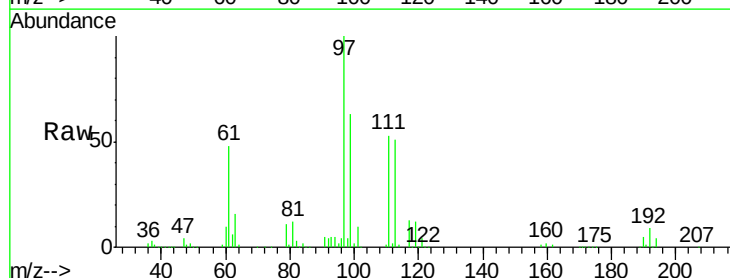
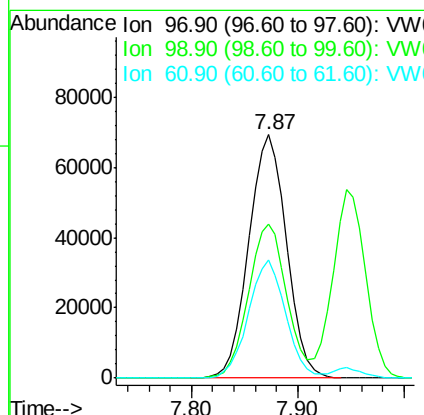
RT: 7.87 min Scan# 1031

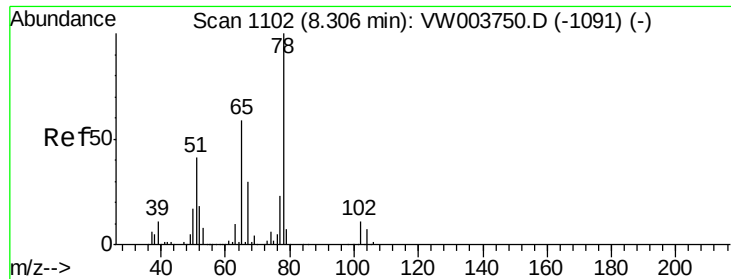
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	97	Resp:	172995
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.2	76.8
61	47.6	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 49.68 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 132073

Ion Ratio Lower Upper

65 100

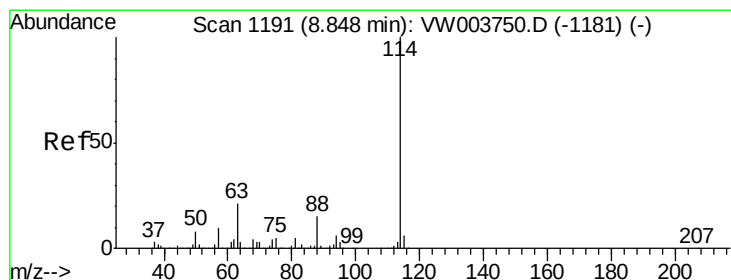
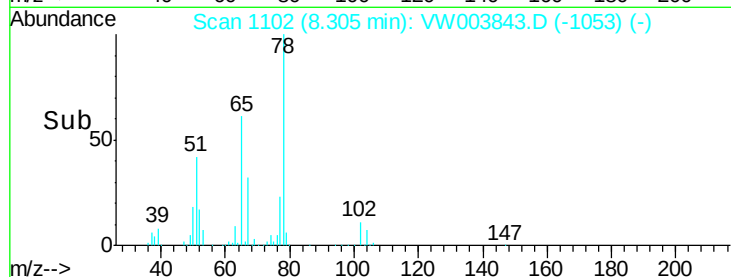
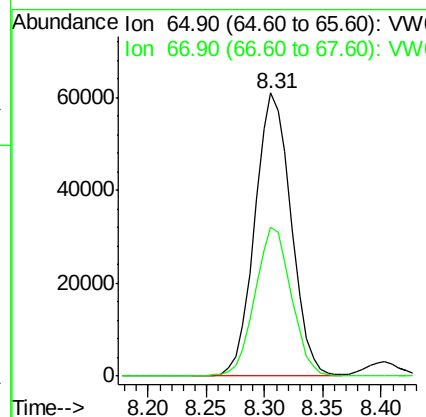
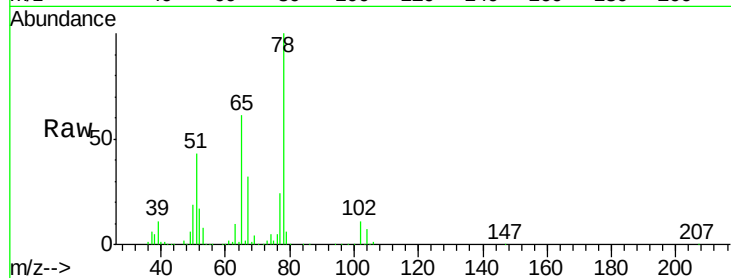
67 52.5 0.0 103.8

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

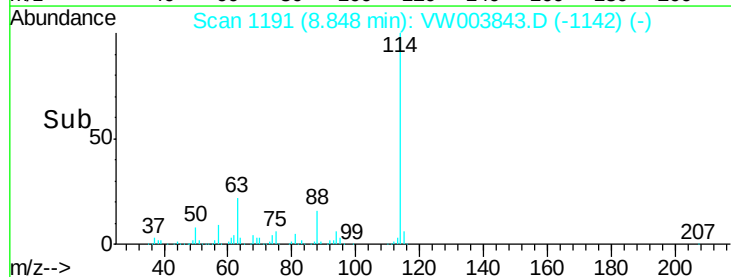
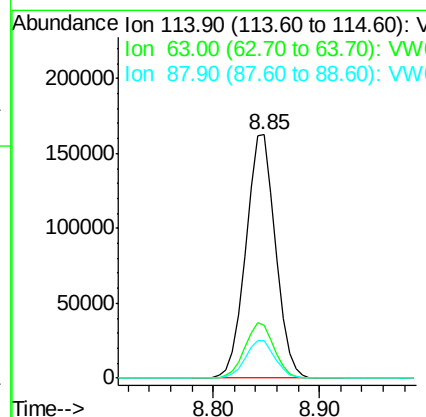
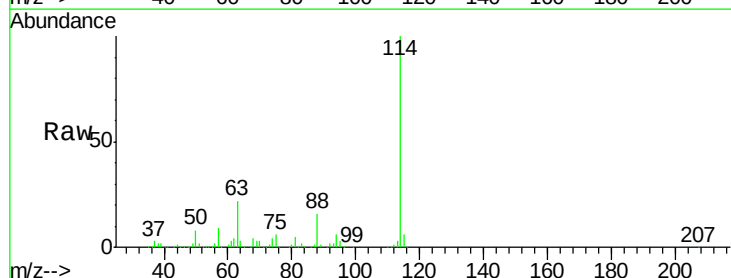
Tgt Ion: 114 Resp: 318521

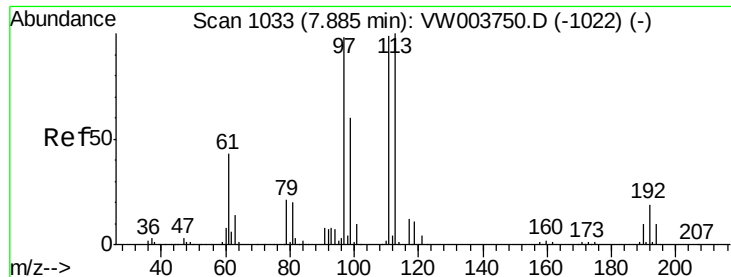
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.6 0.0 30.2





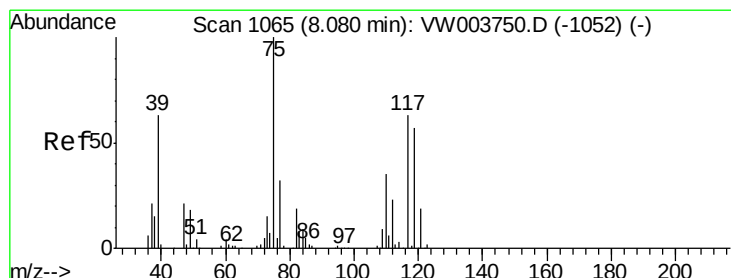
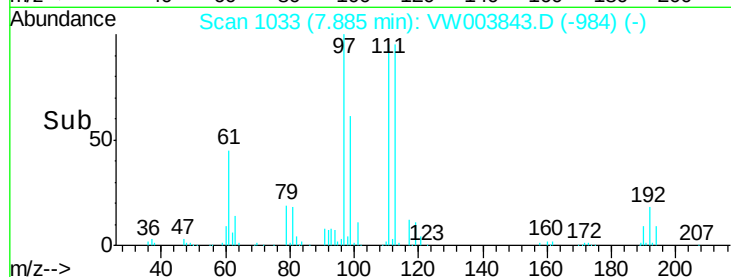
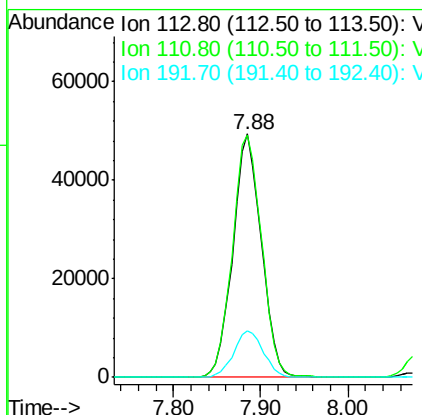
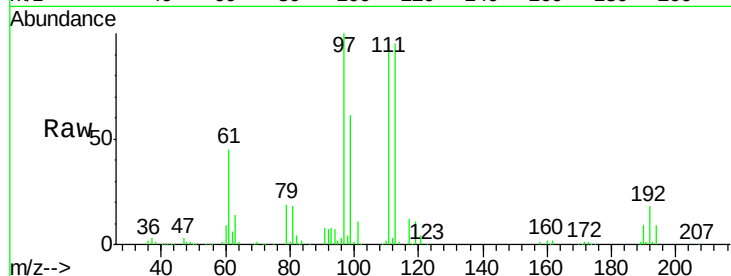
#35
 Dibromofluoromethane
 Concen: 50.13 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	19.9	15.8	23.8

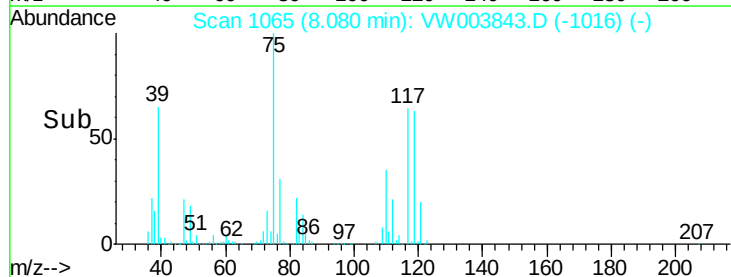
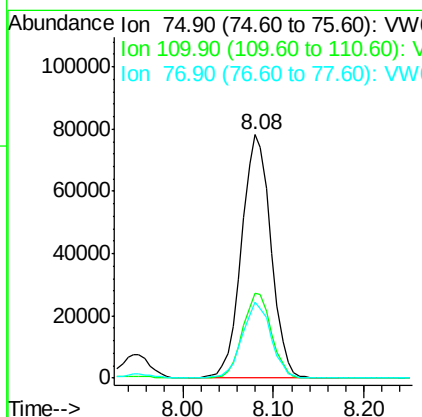
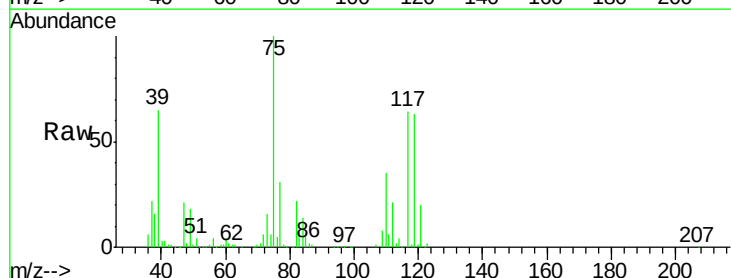
Manual Integrations
 APPROVED

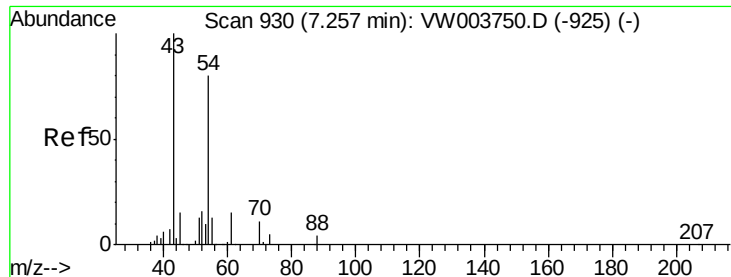
apatel
 7/11/2018 12:58:43 PM



#36
 1,1-Dichloropropene
 Concen: 51.92 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.6
77	30.8	24.8	37.2





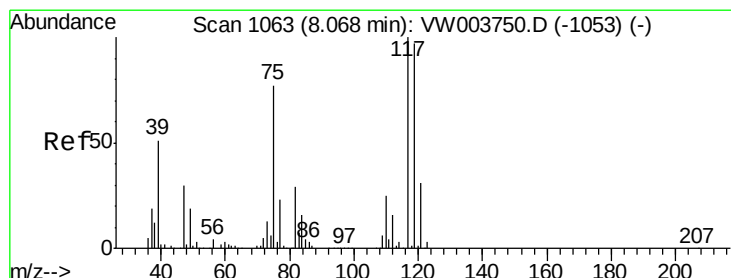
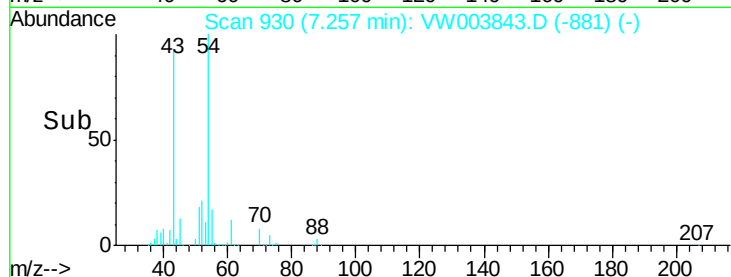
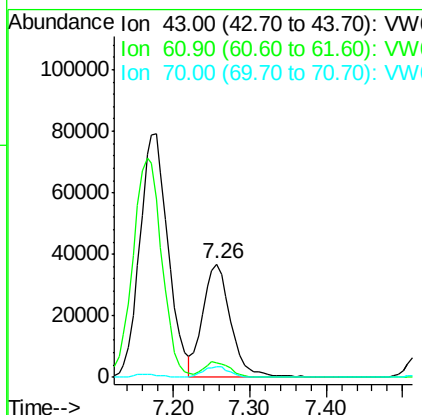
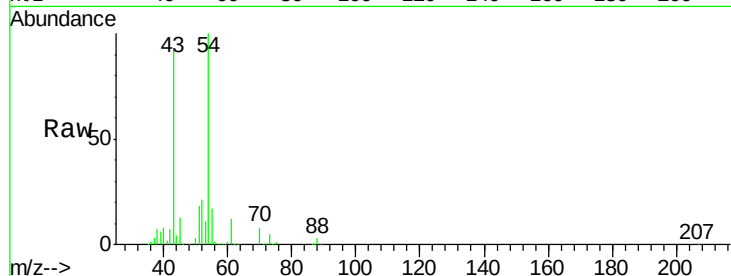
#37
Ethyl Acetate
Concen: 56.27 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.3	7.5	11.3

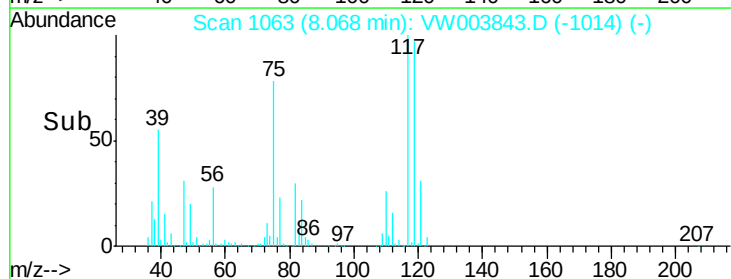
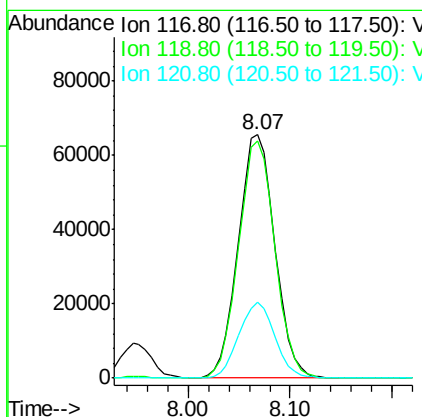
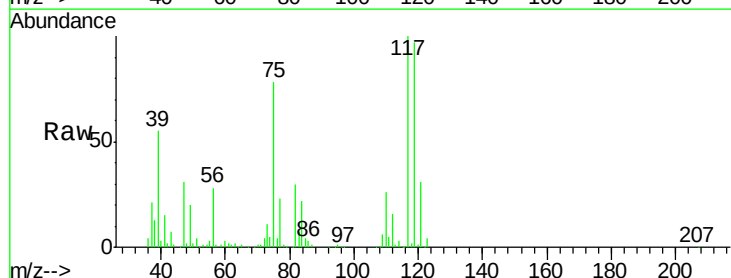
Manual Integrations
APPROVED

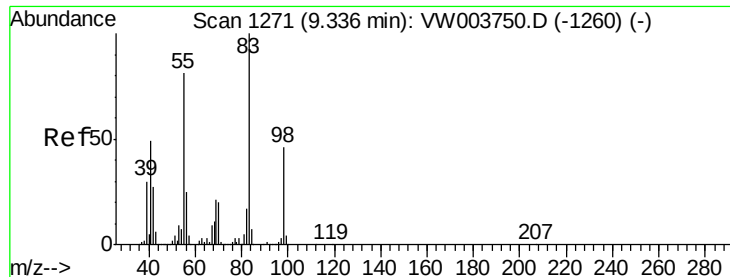
apatel
7/11/2018 12:58:43 PM



#38
Carbon Tetrachloride
Concen: 50.86 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.2
121	31.2	24.6	37.0





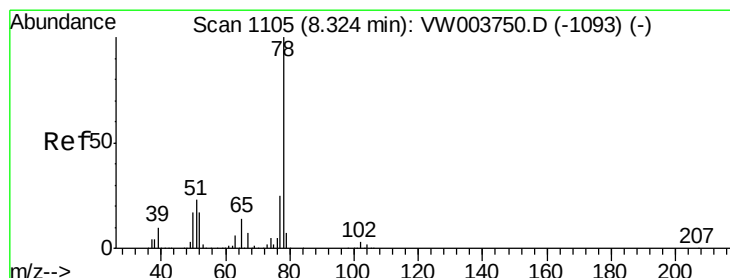
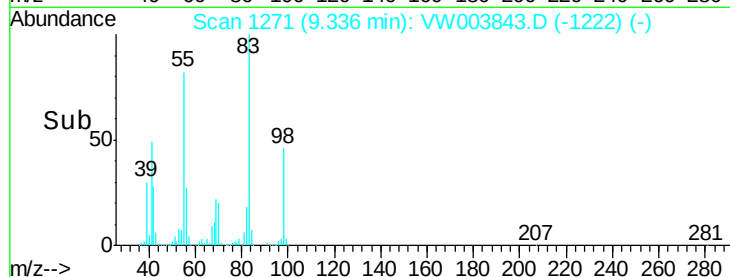
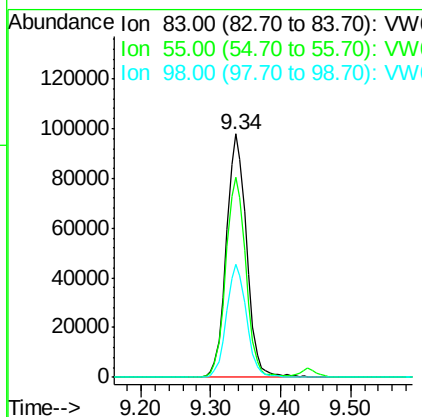
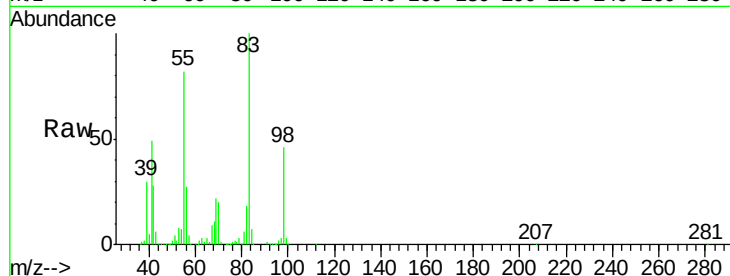
#39
Methylvlcyclohexane
Concen: 53.46 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	65.1	97.7
98	46.2	36.7	55.1

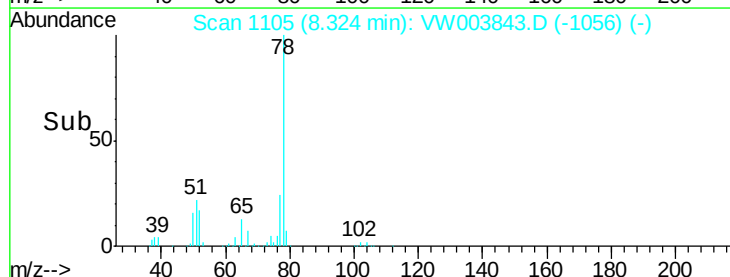
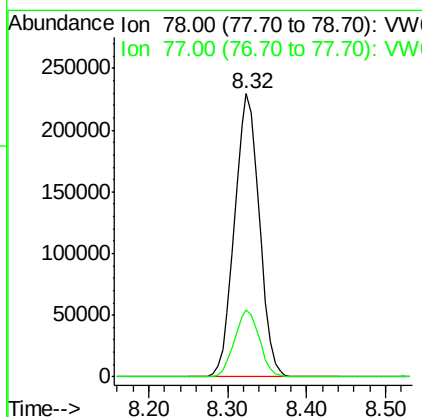
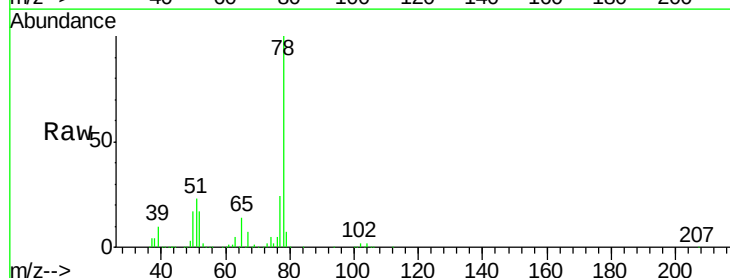
Manual Integrations
APPROVED

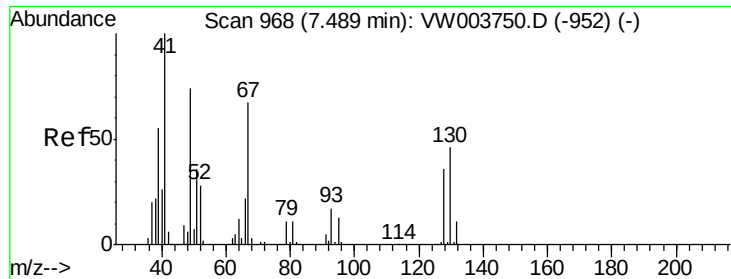
apatel
7/11/2018 12:58:43 PM



#40
Benzene
Concen: 51.98 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.7	29.5





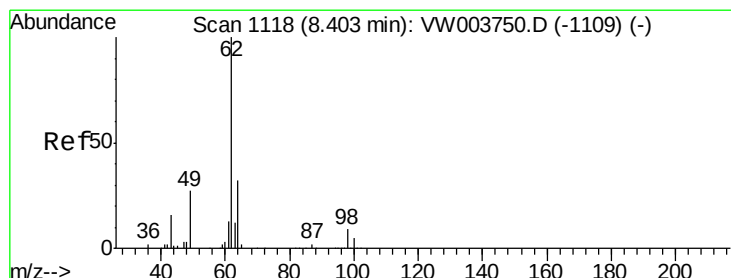
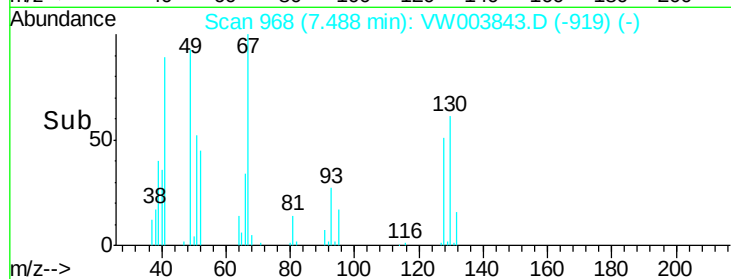
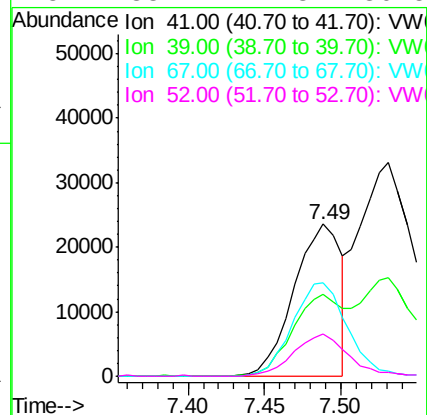
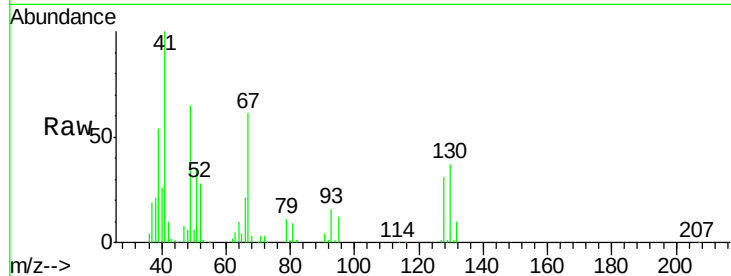
#41
Methacrylonitrile
Concen: 53.28 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	50402
Ion	Ratio	Lower	Upper
41	100		
39	63.1	49.5	74.3
67	71.7	53.8	80.8
52	33.1	24.3	36.5

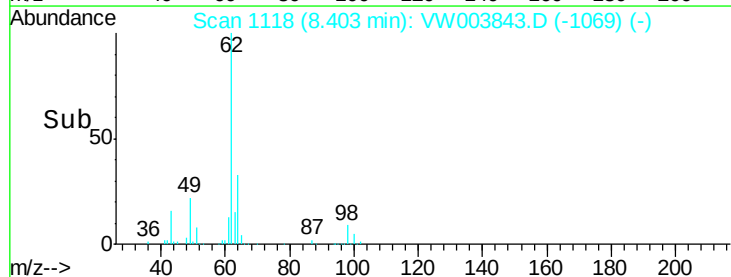
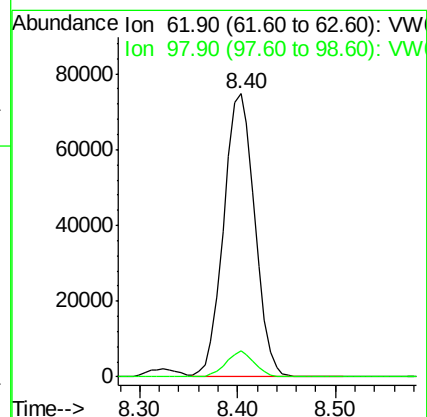
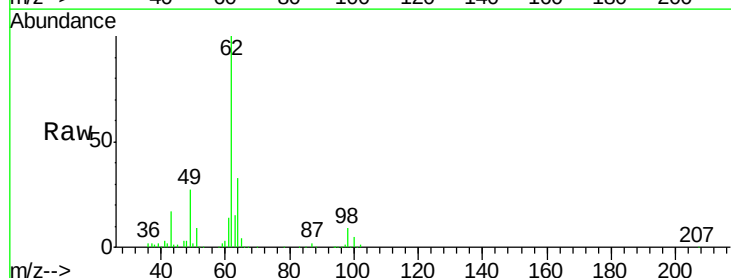
Manual Integrations
APPROVED

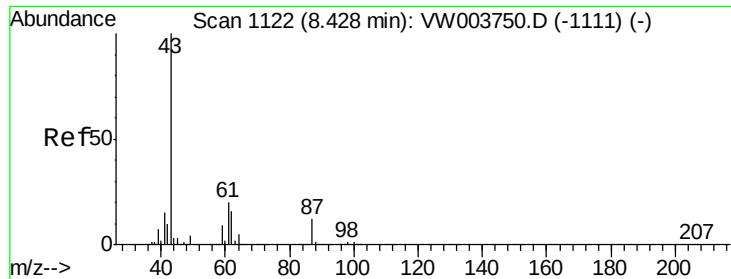
apatel
7/11/2018 12:58:43 PM



#42
1,2-Dichloroethane
Concen: 52.61 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:	62	Resp:	164522
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 55.61 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

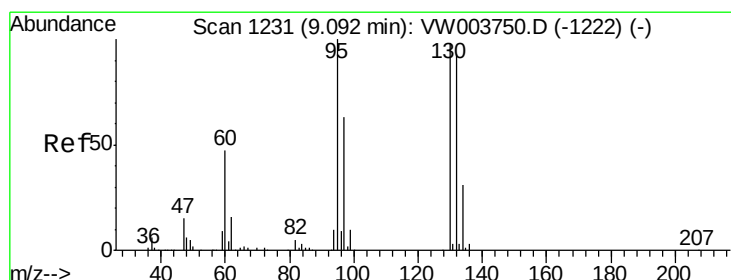
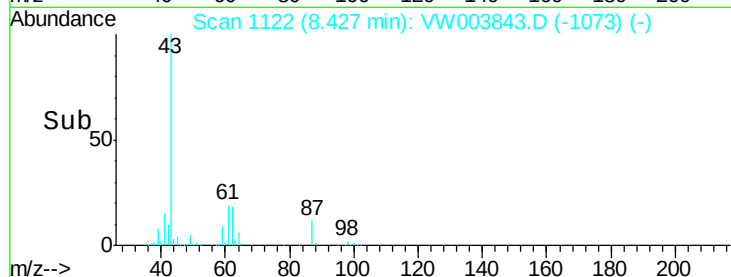
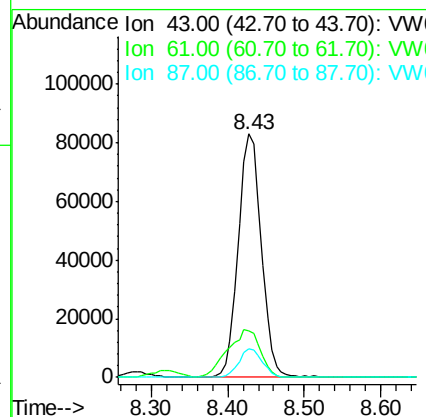
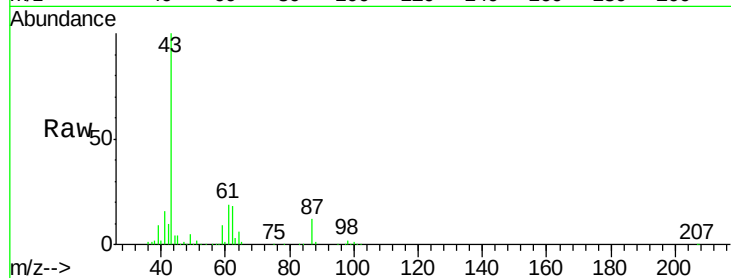
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	173321
Ion	Ratio	Lower	Upper
43	100		
61	27.3	22.8	34.2
87	11.8	9.5	14.3

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#44

Trichloroethene

Concen: 51.06 ug/l

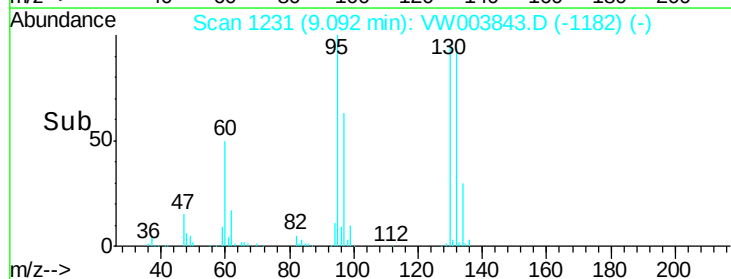
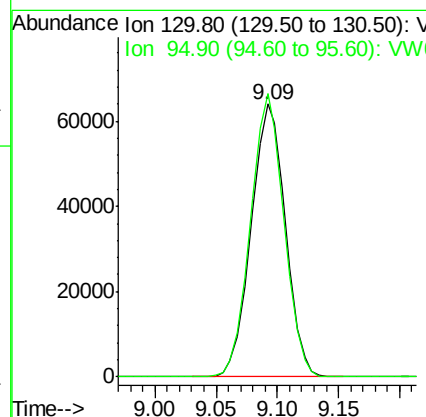
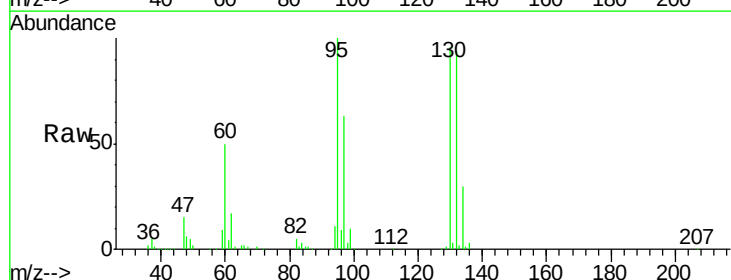
RT: 9.09 min Scan# 1231

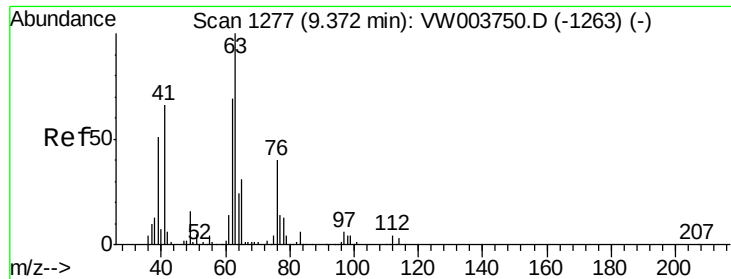
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	130	Resp:	124376
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	203.8





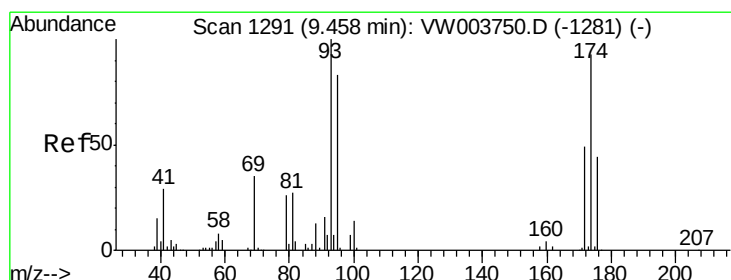
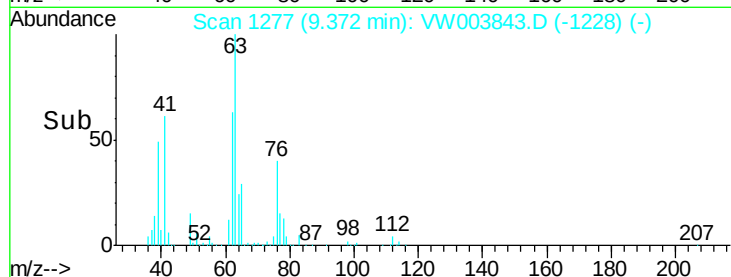
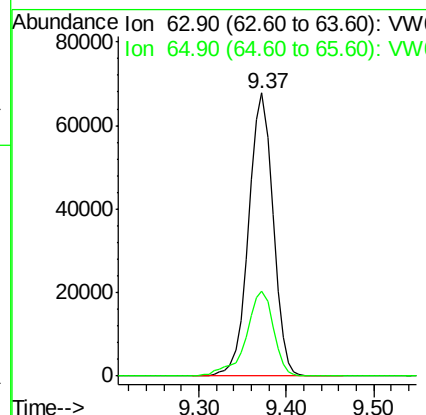
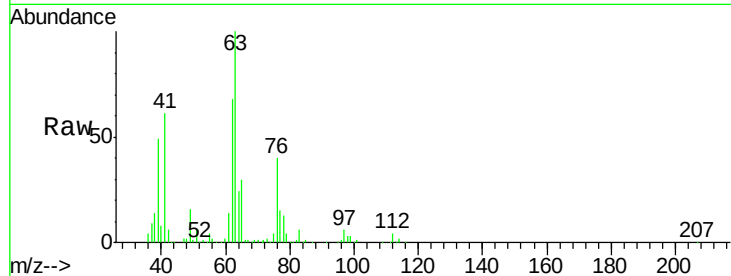
#45
 1,2-Dichloropropane
 Concen: 52.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 131432
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3

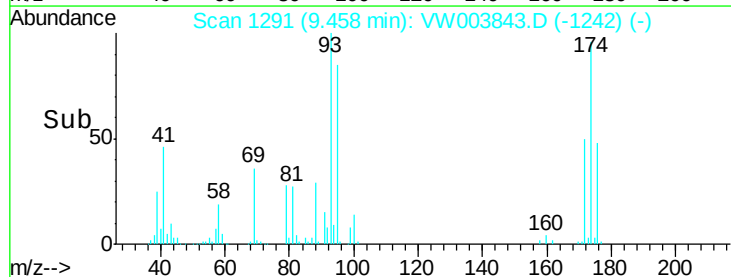
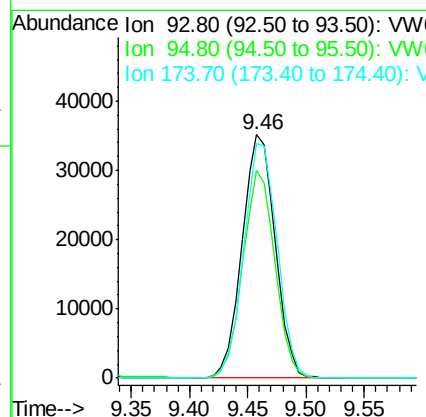
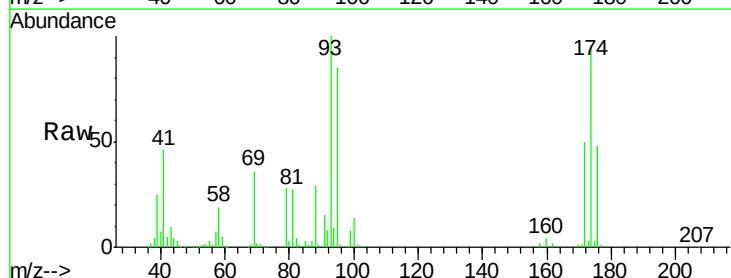
Manual Integrations
 APPROVED

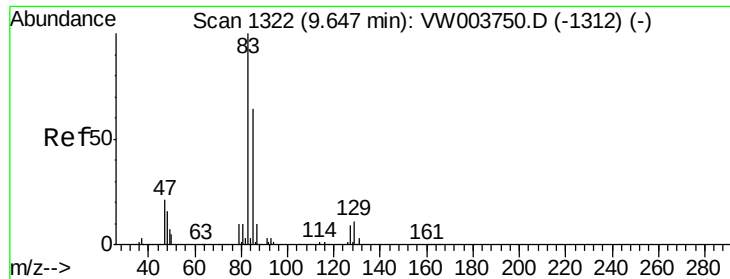
apatel
 7/11/2018 12:58:43 PM



#46
 Dibromomethane
 Concen: 52.75 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 93 Resp: 69676
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 97.8 78.1 117.1





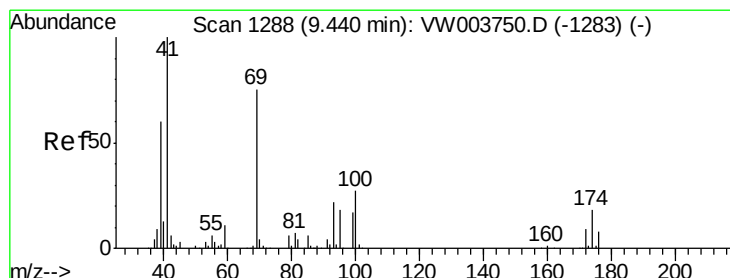
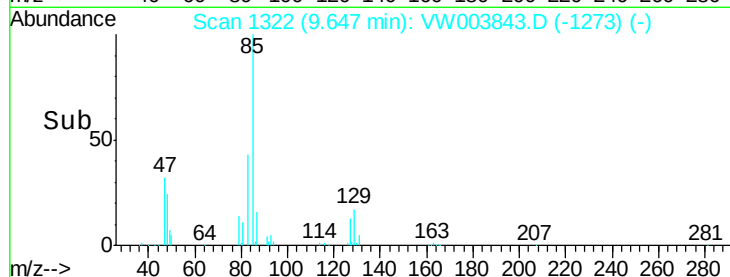
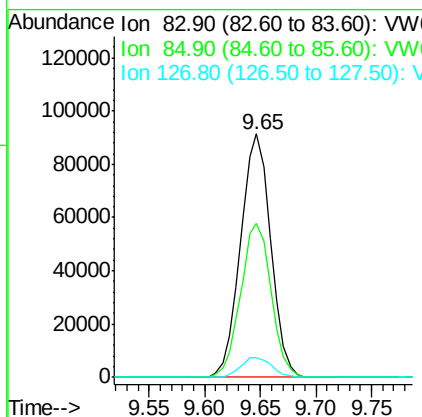
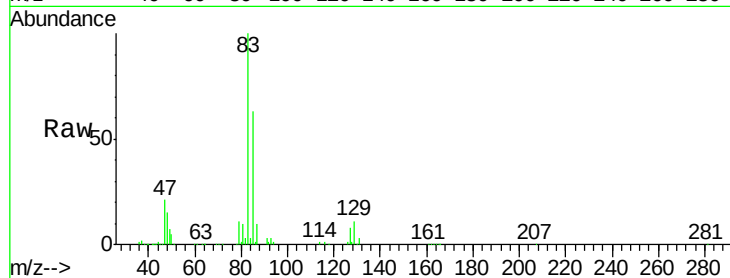
#47
Bromodichloromethane
Concen: 52.78 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	171508		
85	63.3	51.4	77.0	
127	8.0	6.8	10.2	

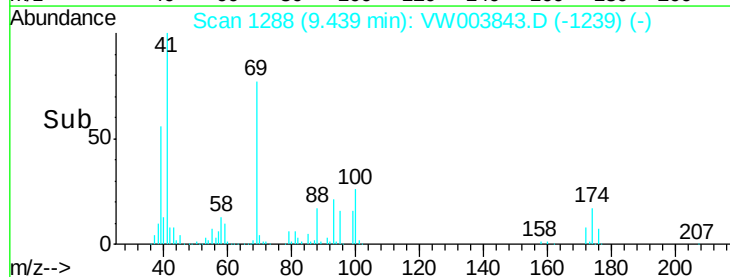
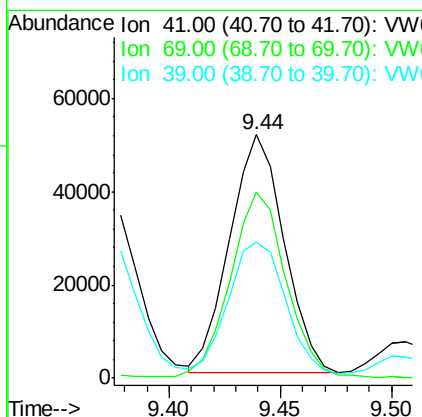
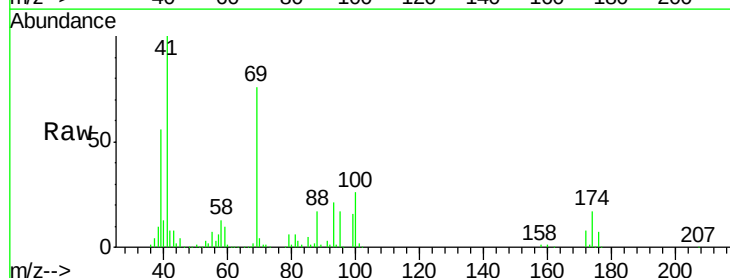
Manual Integrations
APPROVED

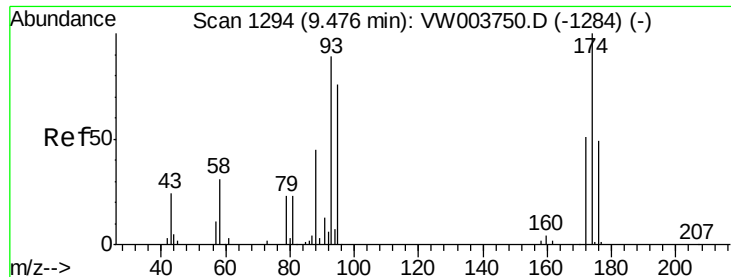
apatel
7/11/2018 12:58:43 PM



#48
Methyl methacrylate
Concen: 58.26 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	86470		
69	80.1	63.8	95.8	
39	62.0	50.2	75.2	





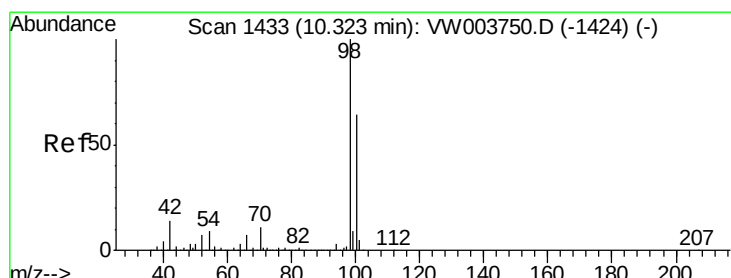
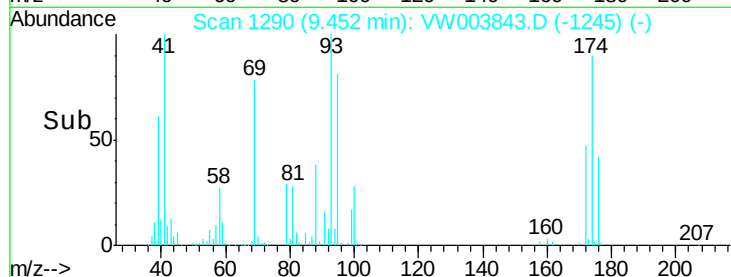
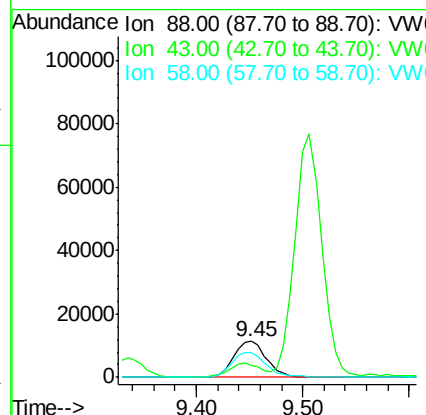
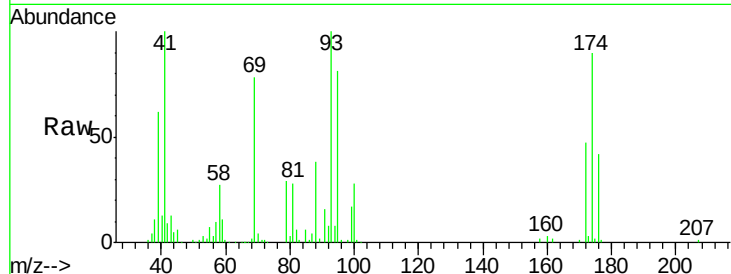
#49
1,4-Dioxane
Concen: 1238.88 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	24459
Ion Ratio	Lower	Upper	
88	100		
43	37.1	0.0	0.0#
58	75.9	59.7	89.5

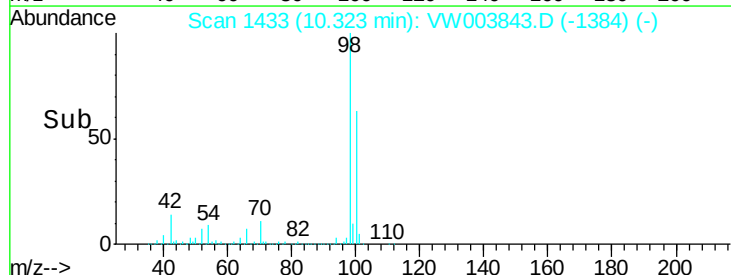
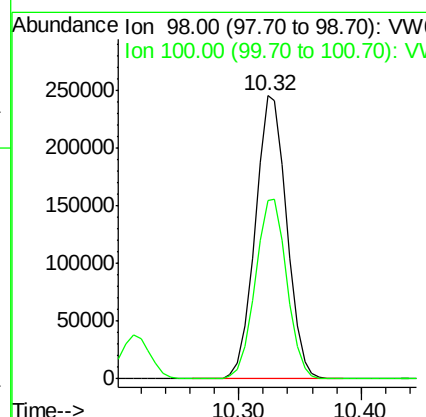
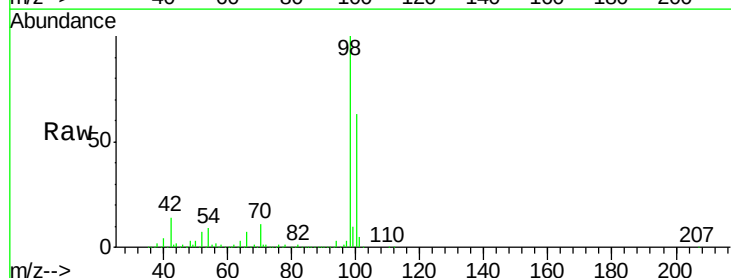
Manual Integrations
APPROVED

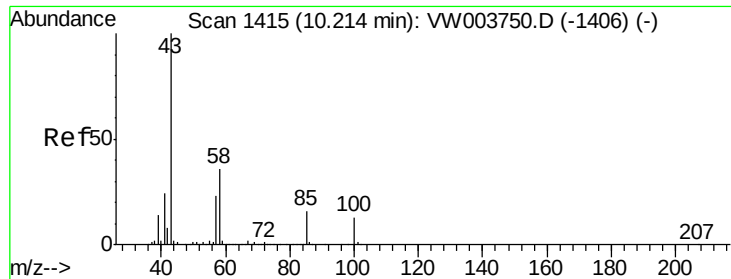
apatel
7/11/2018 12:58:43 PM



#50
Toluene-d8
Concen: 51.54 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	98	Resp	439469
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.8	76.2





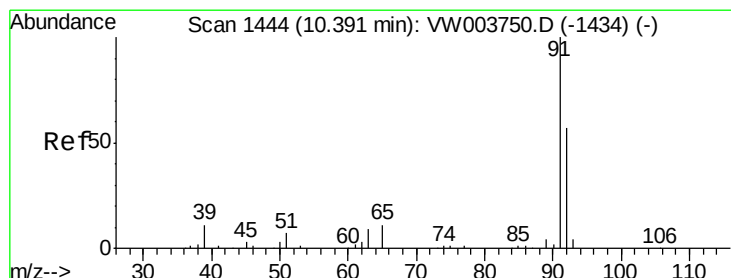
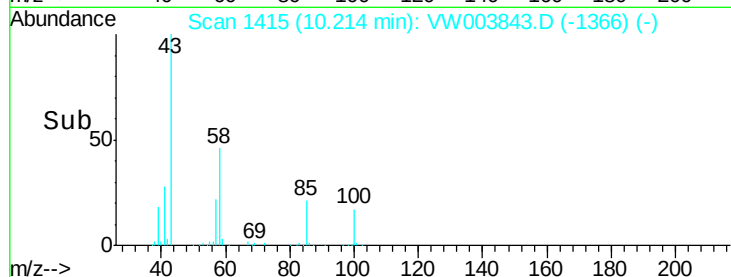
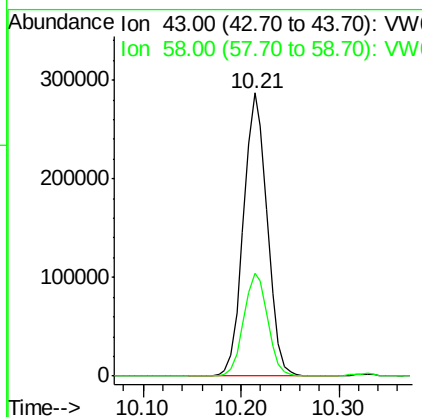
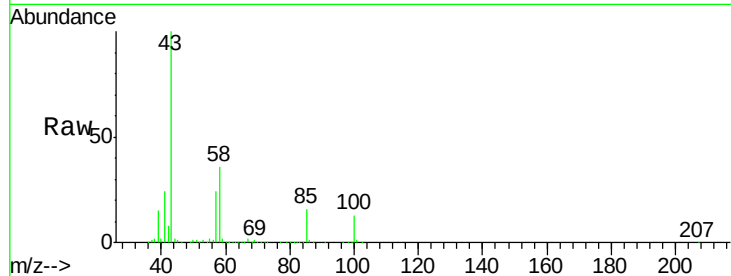
#51
4-Methyl-2-Pentanone
Concen: 298.95 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 482151
Ion Ratio Lower Upper
43 100
58 36.6 29.3 43.9

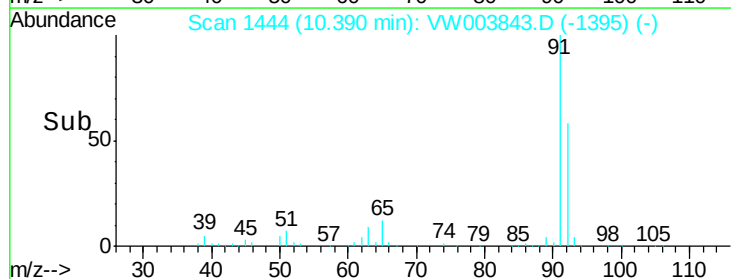
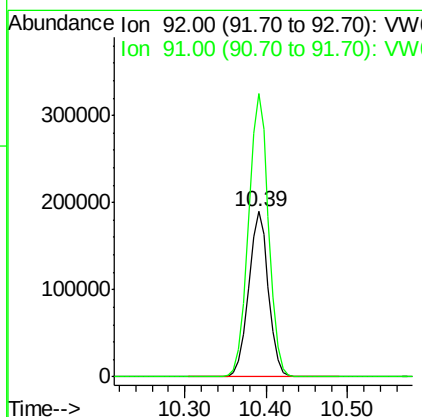
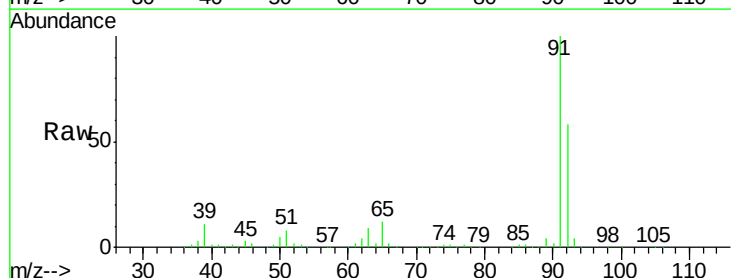
Manual Integrations
APPROVED

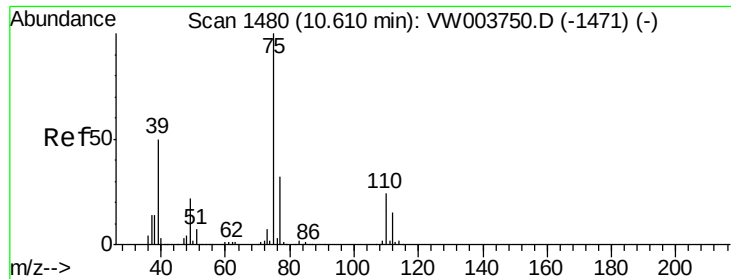
apatel
7/11/2018 12:58:43 PM



#52
Toluene
Concen: 53.29 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 92 Resp: 319268
Ion Ratio Lower Upper
92 100
91 174.4 140.6 211.0





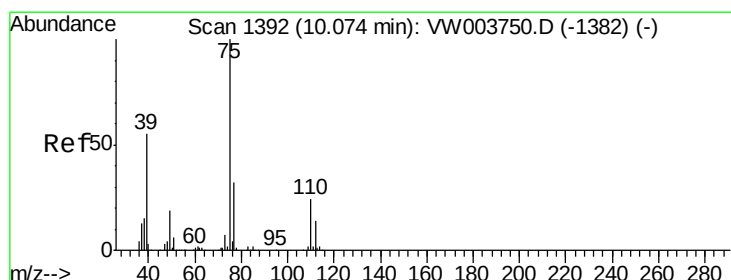
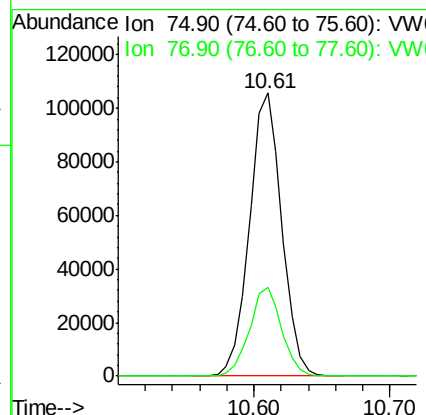
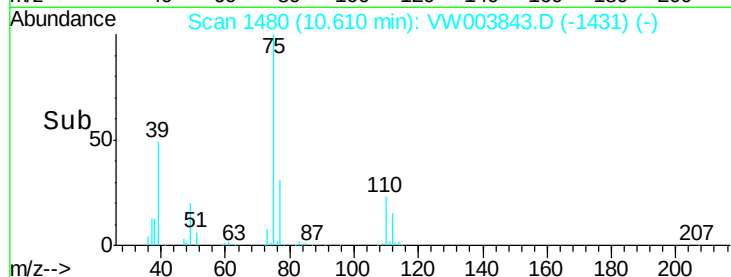
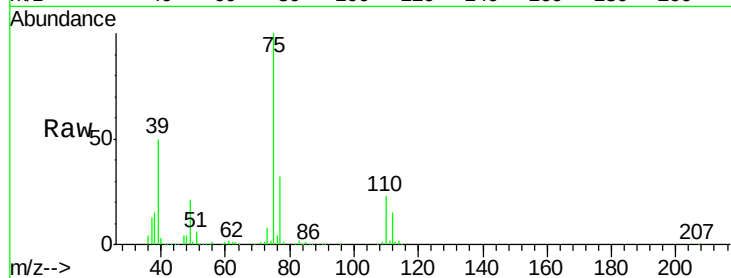
#53
t-1,3-Dichloropropene
Concen: 53.98 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

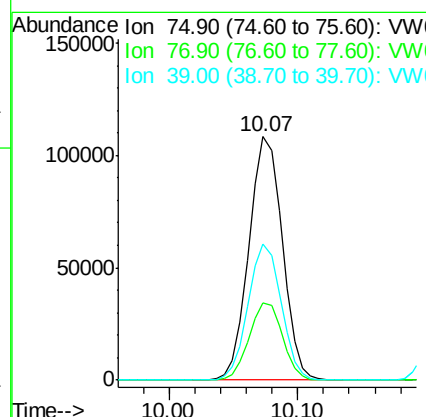
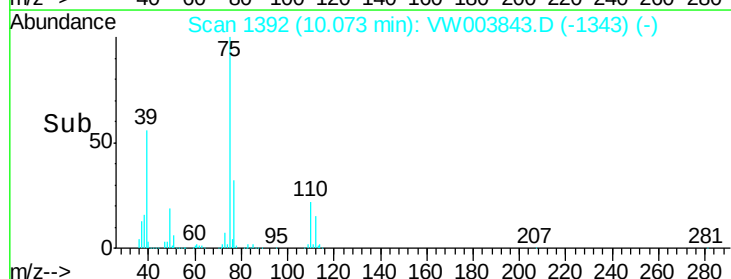
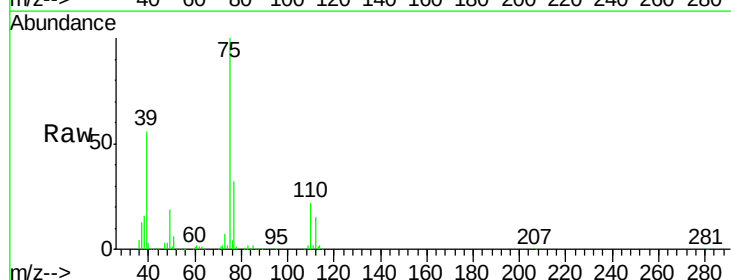
Manual Integrations
APPROVED

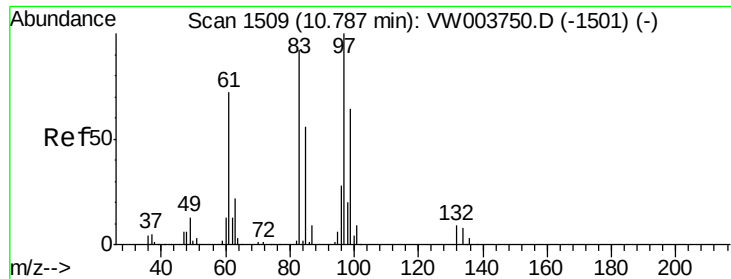
apatel
7/11/2018 12:58:43 PM



#54
cis-1,3-Dichloropropene
Concen: 52.93 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4
39	56.0	43.6	65.4





#55

1,1,2-Trichloroethane

Concen: 53.44 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

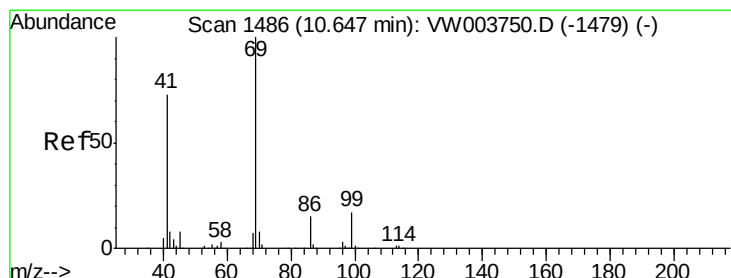
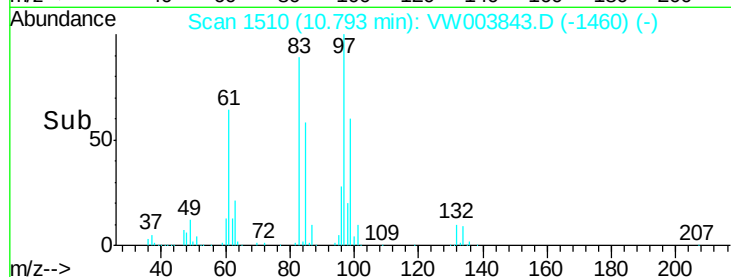
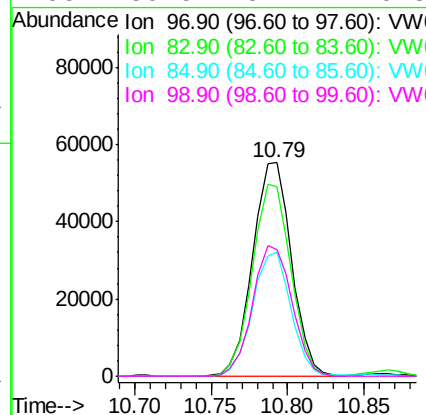
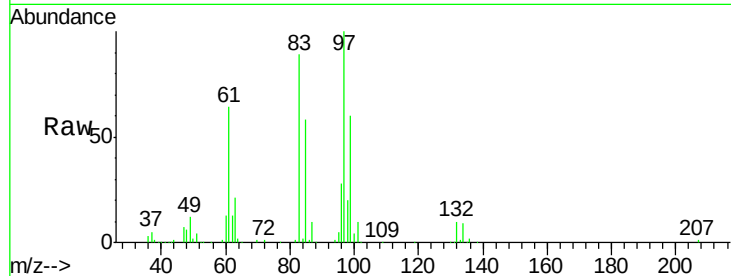
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	98049
Ion	Ratio	Lower	Upper
97	100		
83	88.9	73.8	110.6
85	58.0	45.0	67.4
99	59.5	51.2	76.8

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#56

Ethyl methacrylate

Concen: 58.62 ug/l

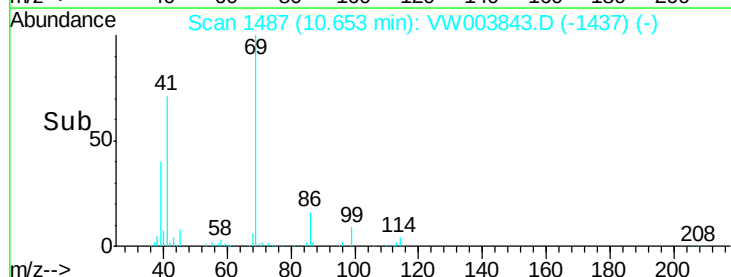
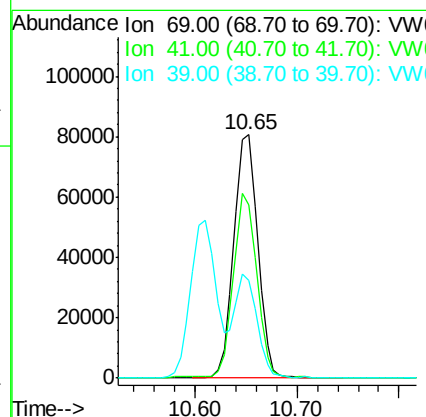
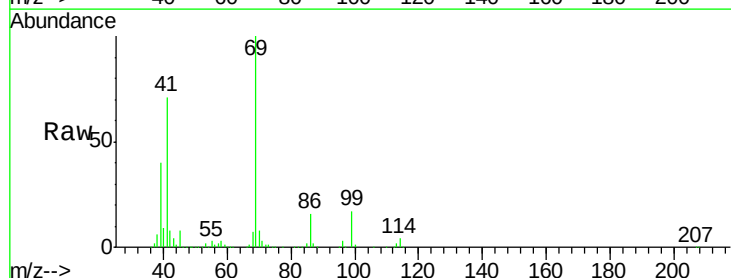
RT: 10.65 min Scan# 1487

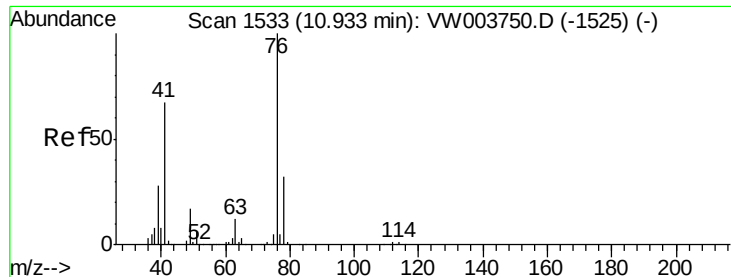
Delta R.T. 0.01 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	69	Resp:	131246
Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.0	88.4
39	41.5	32.8	49.2





#57

1,3-Dichloropropane

Concen: 53.77 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 171948

Ion Ratio Lower Upper

76 100

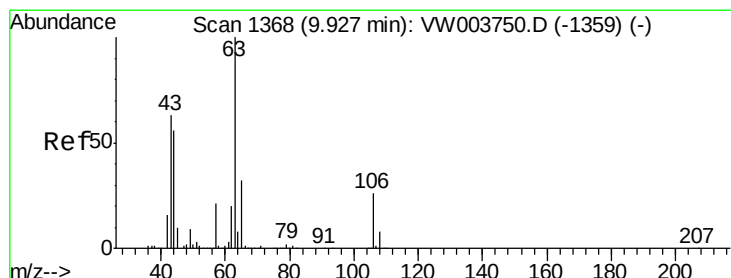
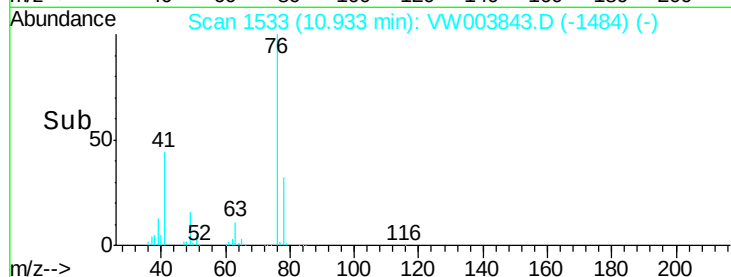
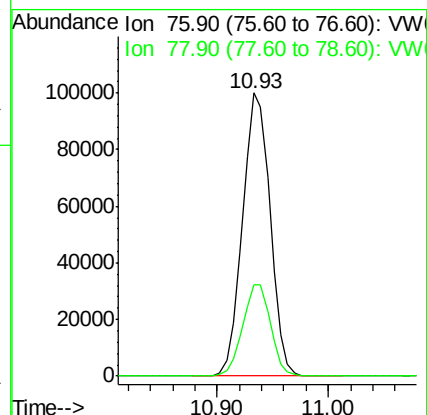
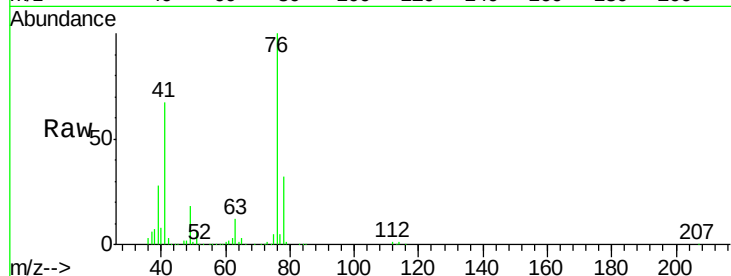
78 32.7 25.6 38.4

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#58

2-Chloroethyl Vinyl ether

Concen: 257.23 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003843.D

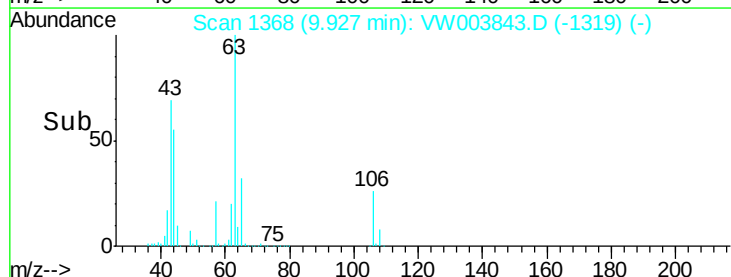
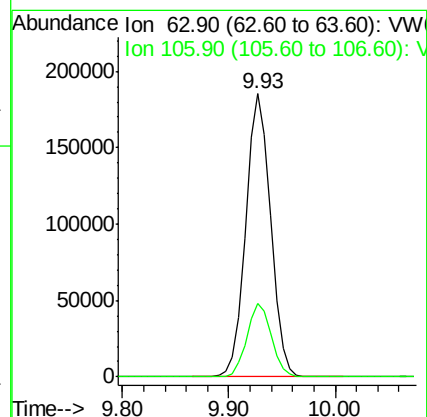
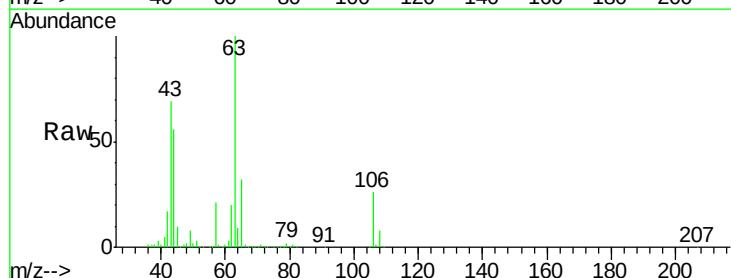
Acq: 11 Jul 2018 00:19

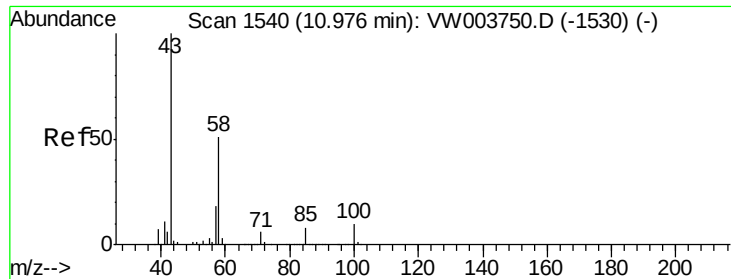
Tgt Ion: 63 Resp: 303695

Ion Ratio Lower Upper

63 100

106 25.7 20.9 31.3





#59

2-Hexanone

Concen: 309.95 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 343265

Ion Ratio Lower Upper

43 100

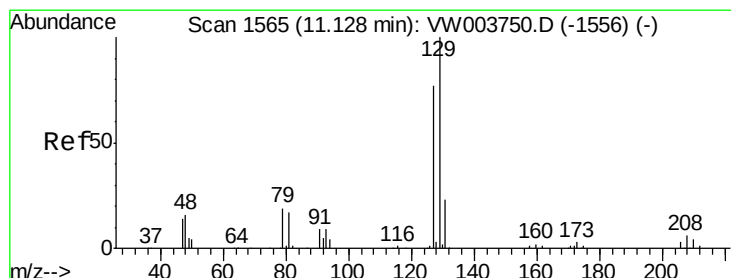
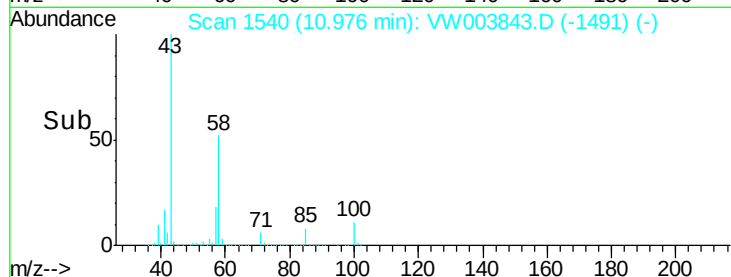
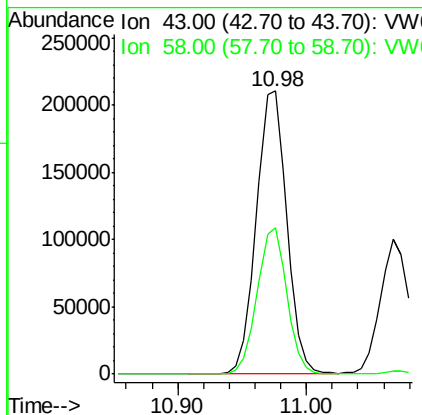
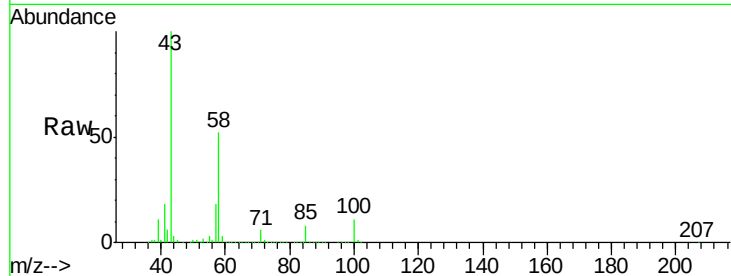
58 50.3 25.4 76.2

Manual Integrations

APPROVED

apatel

7/11/2018 12:58:43 PM



#60

Dibromochloromethane

Concen: 54.44 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VW003843.D

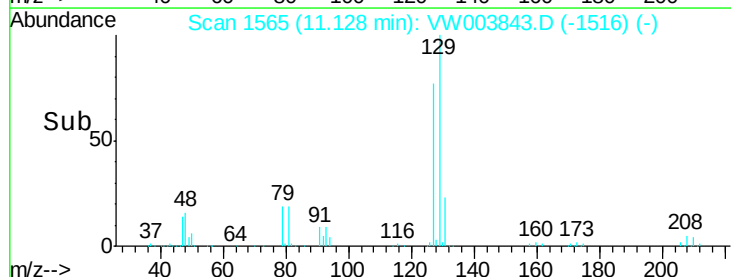
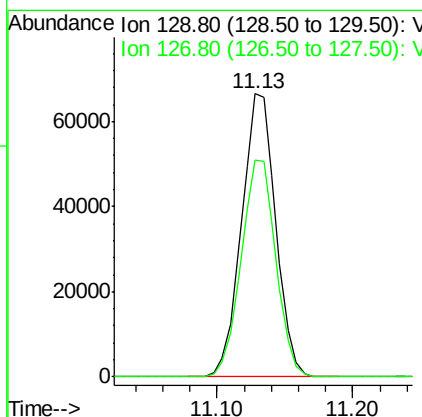
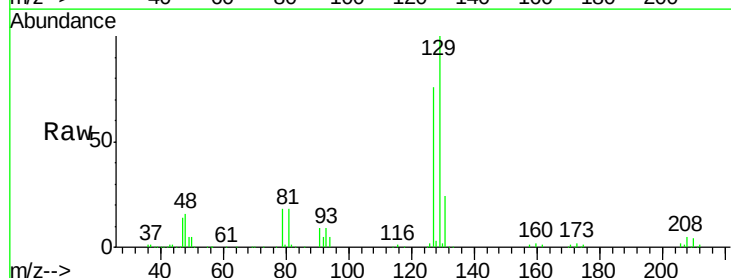
Acq: 11 Jul 2018 00:19

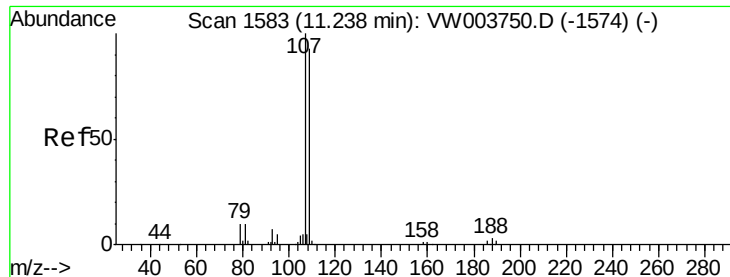
Tgt Ion: 129 Resp: 116581

Ion Ratio Lower Upper

129 100

127 77.5 38.9 116.6





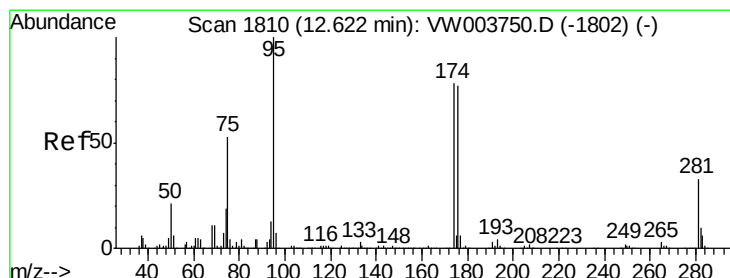
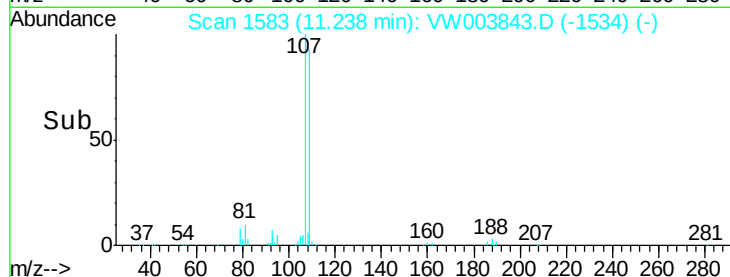
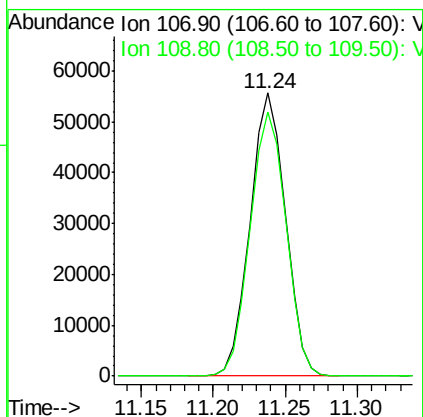
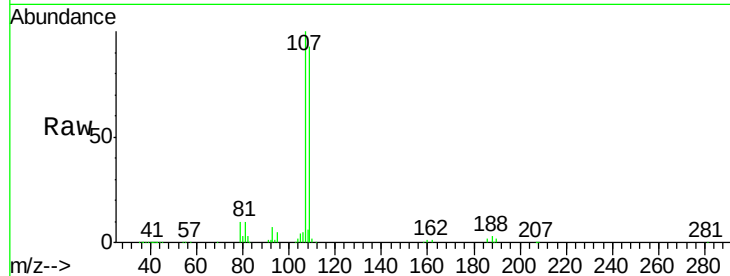
#61
 1,2-Dibromoethane
 Concen: 53.92 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 94598
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.1 112.7

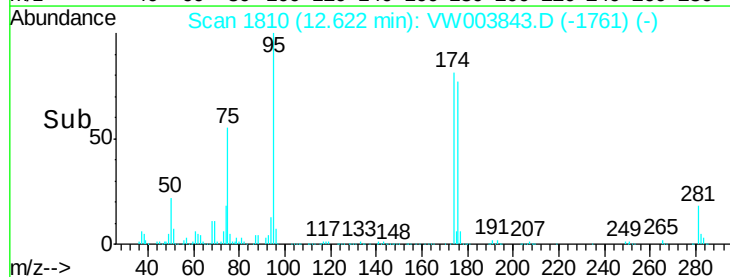
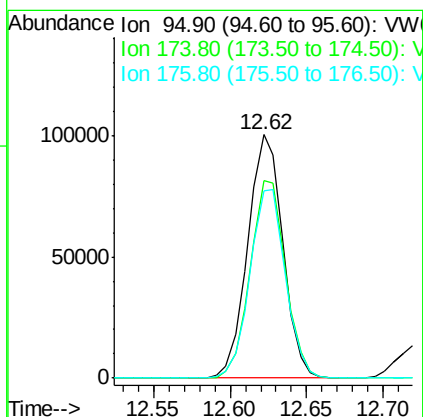
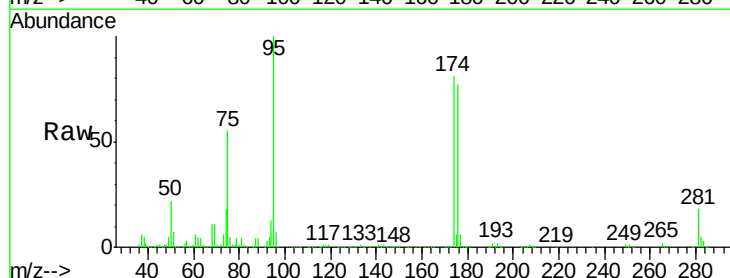
Manual Integrations
 APPROVED

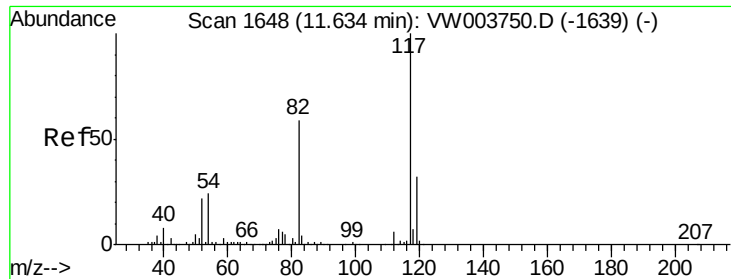
apatel
 7/11/2018 12:58:43 PM



#62
 4-Bromofluorobenzene
 Concen: 51.89 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion: 95 Resp: 160089
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 163.4
 176 78.6 0.0 156.8





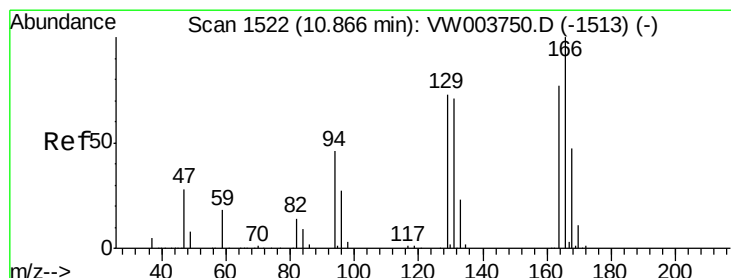
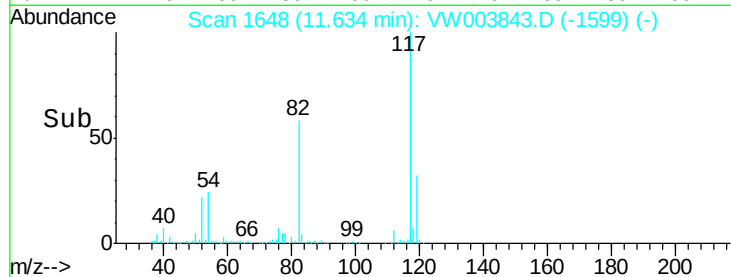
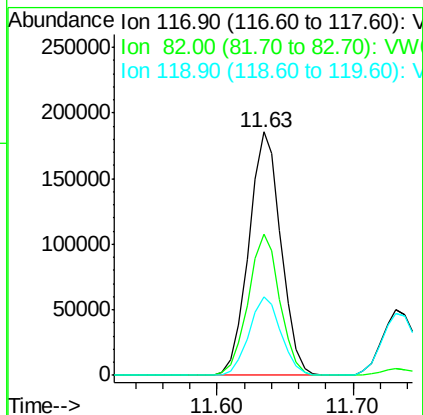
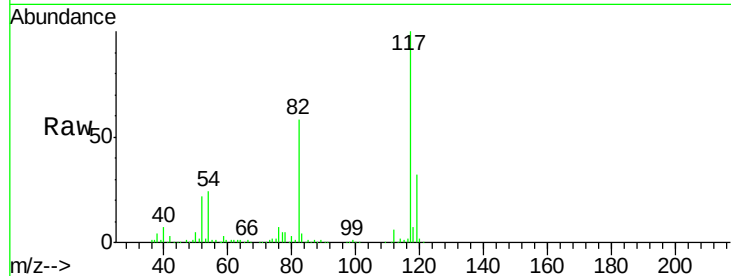
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307018		
82	57.8	46.9	70.3	
119	32.1	25.5	38.3	

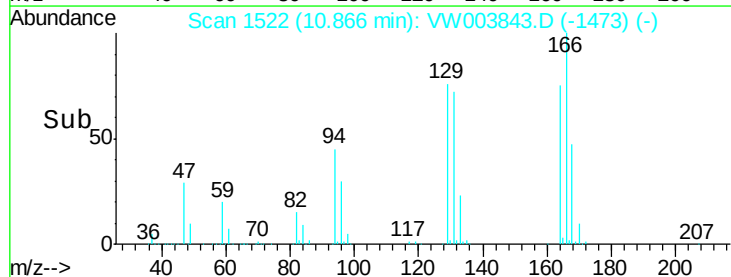
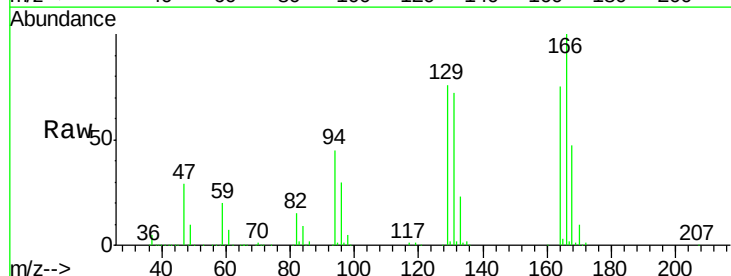
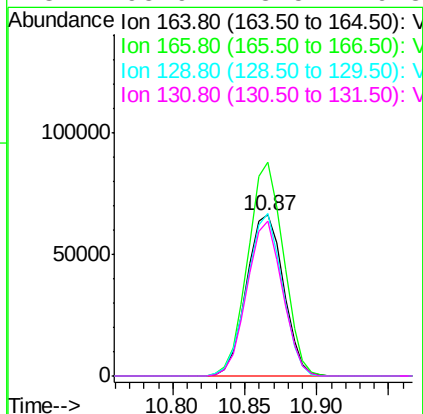
Manual Integrations
APPROVED

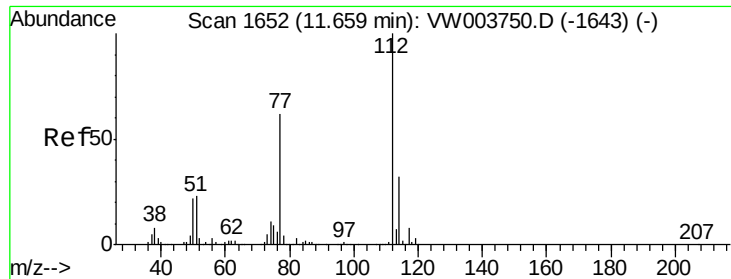
apatel
7/11/2018 12:58:43 PM



#64
Tetrachloroethene
Concen: 51.47 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116898		
166	132.8	104.2	156.4	
129	100.8	75.8	113.8	
131	95.9	73.5	110.3	





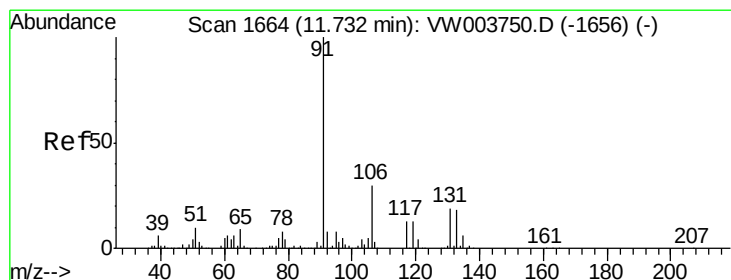
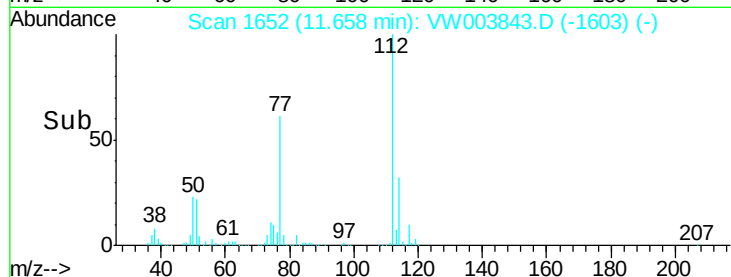
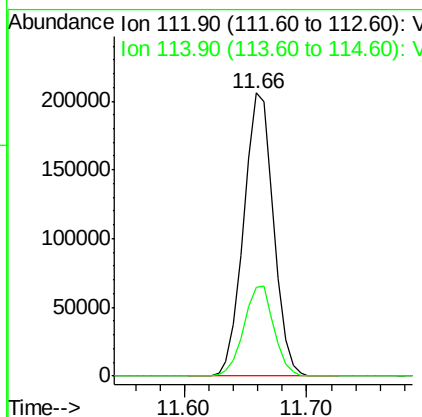
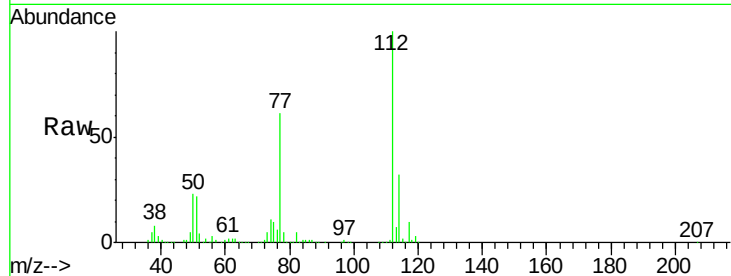
#65
Chlorobenzene
Concen: 51.48 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.0	39.0

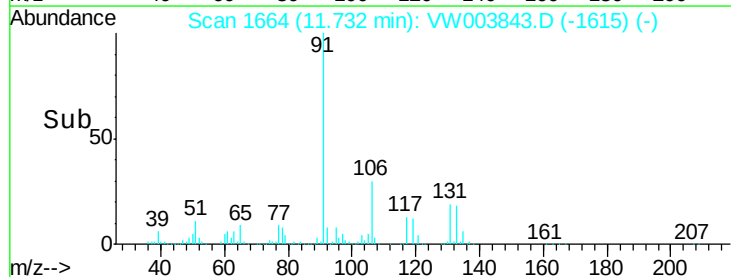
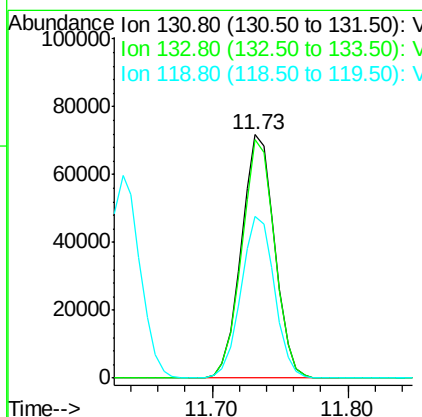
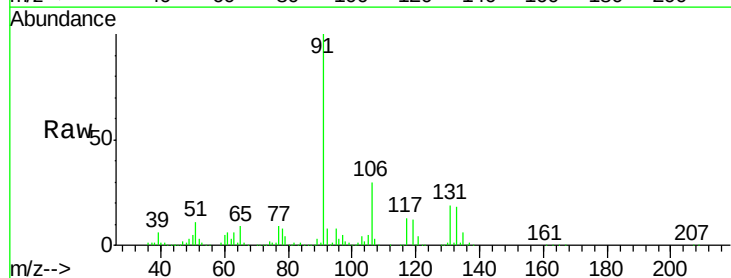
Manual Integrations
APPROVED

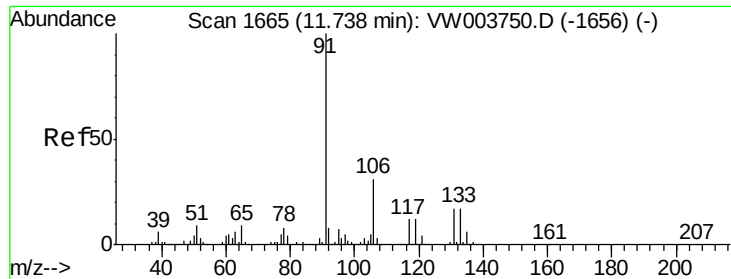
apatel
7/11/2018 12:58:43 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.87 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.0	144.2
119	66.6	33.2	99.6





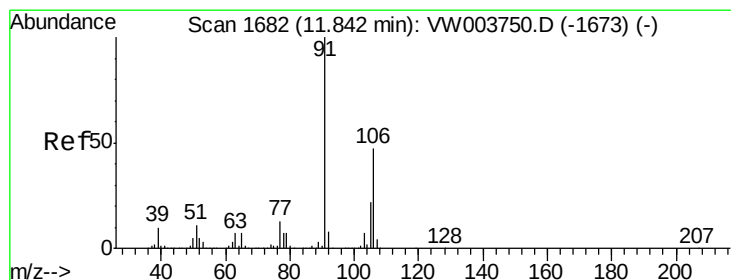
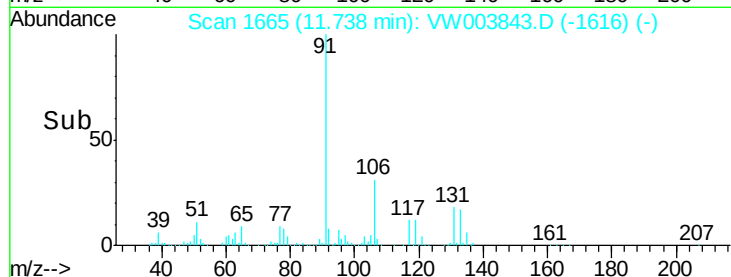
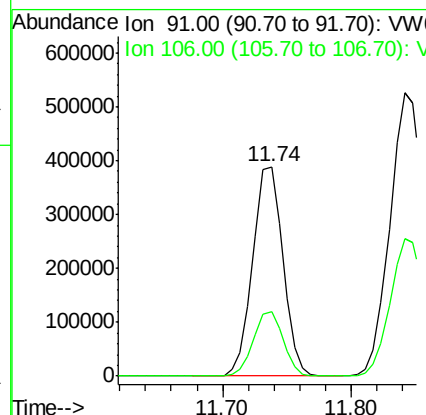
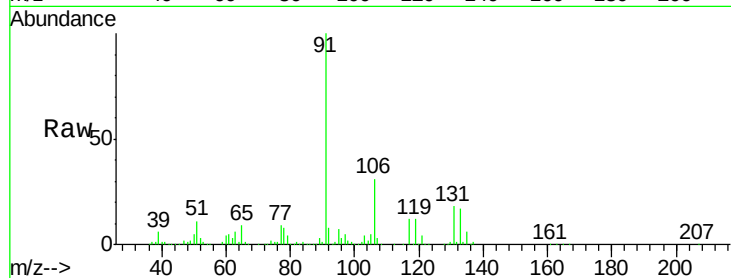
#67
Ethyl Benzene
Concen: 54.27 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 628046
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

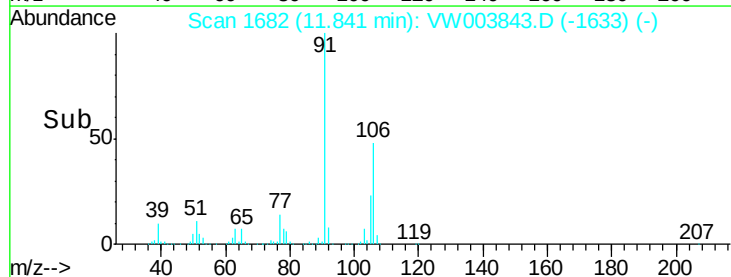
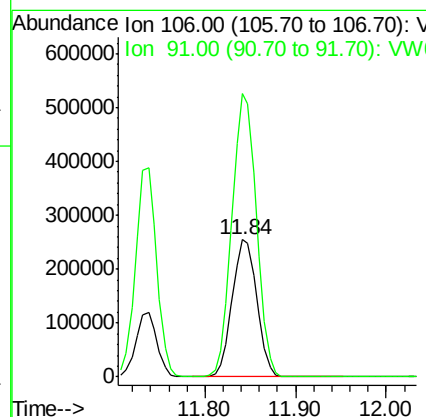
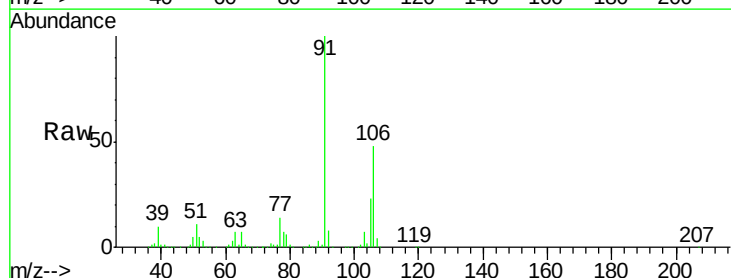
Manual Integrations
APPROVED

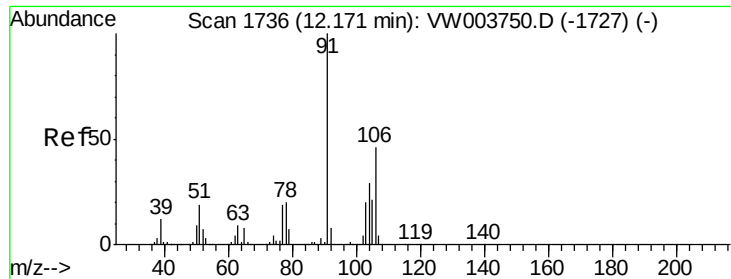
apatel
7/11/2018 12:58:43 PM



#68
m/p-Xylenes
Concen: 108.14 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion: 106 Resp: 479255
Ion Ratio Lower Upper
106 100
91 204.9 164.3 246.5





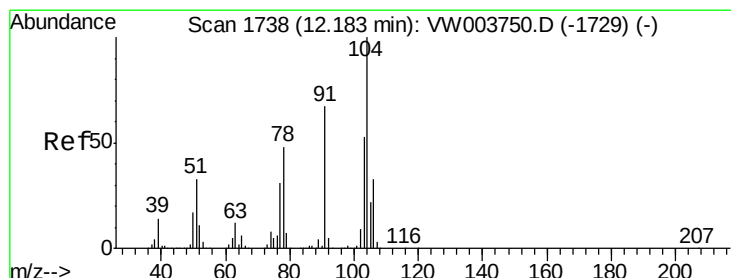
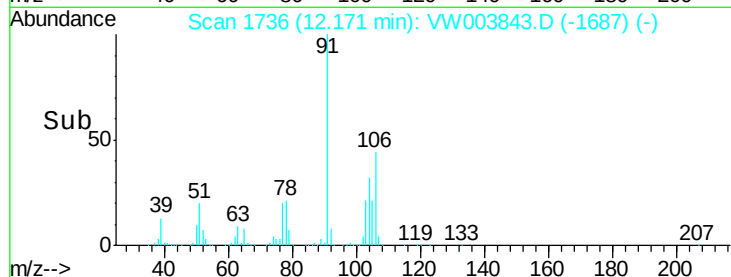
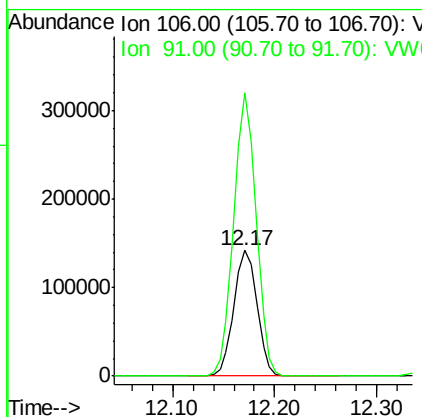
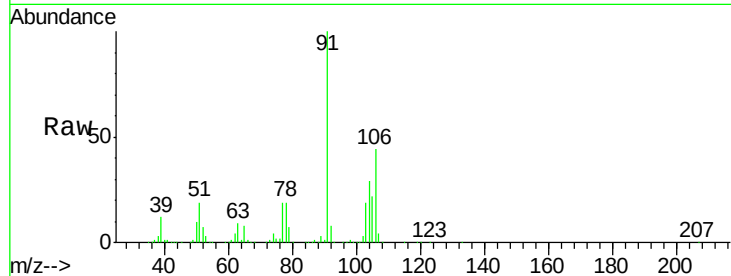
#69
o-Xylene
Concen: 54.59 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 223213
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.2

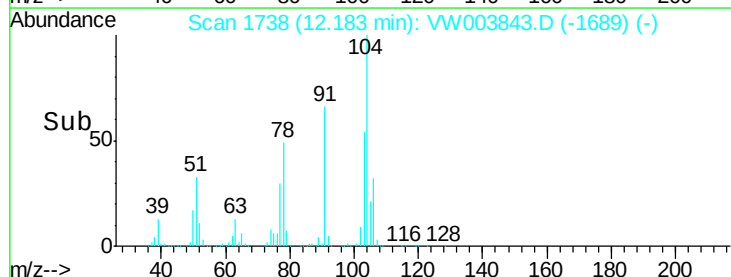
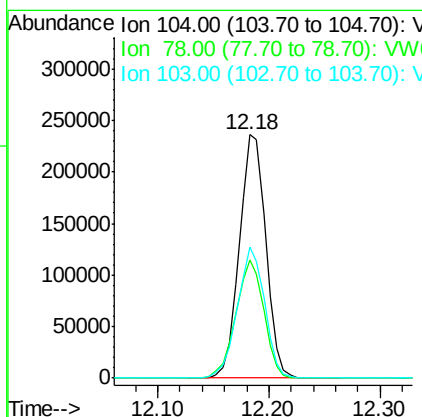
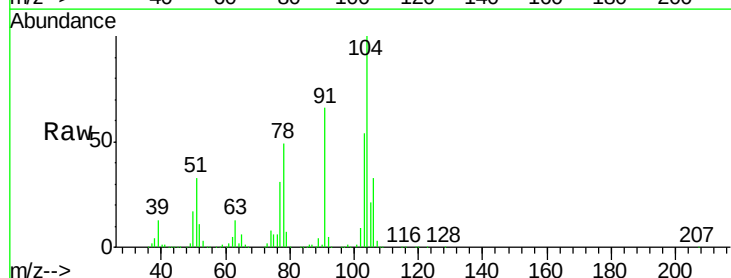
Manual Integrations
APPROVED

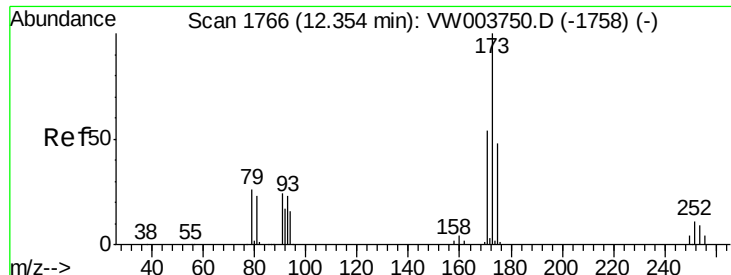
apatel
7/11/2018 12:58:43 PM



#70
Styrene
Concen: 55.99 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion:104 Resp: 389341
Ion Ratio Lower Upper
104 100
78 51.1 41.1 61.7
103 55.4 44.6 67.0





#71

Bromoform

Concen: 55.29 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

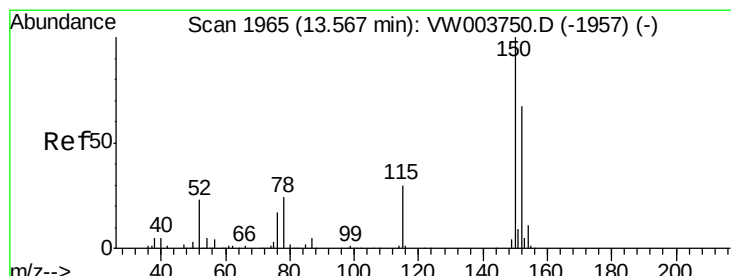
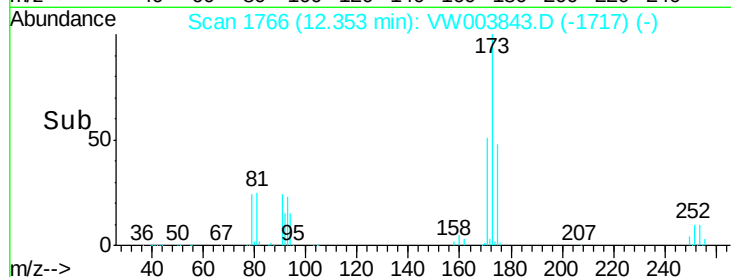
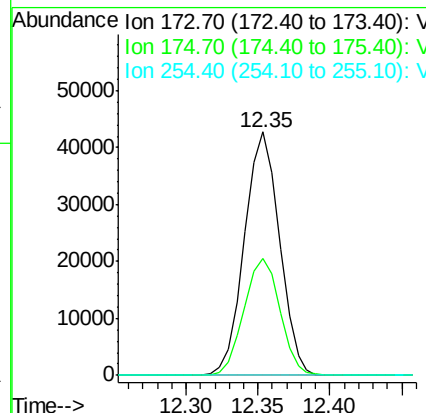
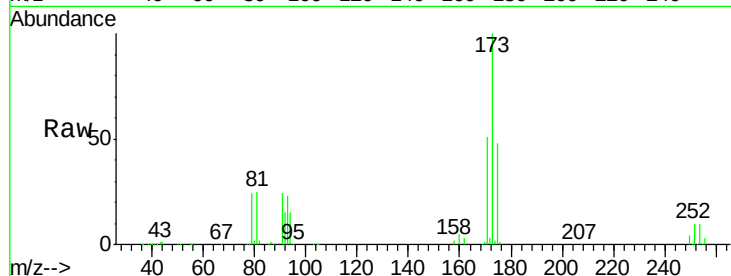
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.4
254	0.1	0.0	0.0#

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

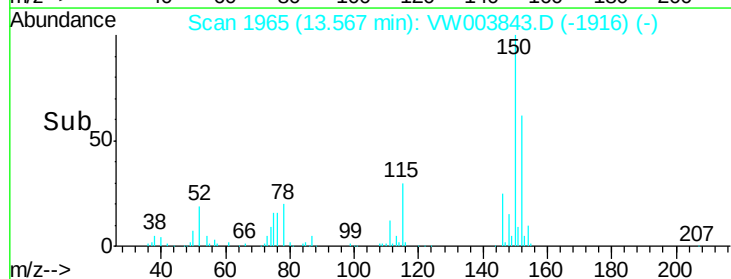
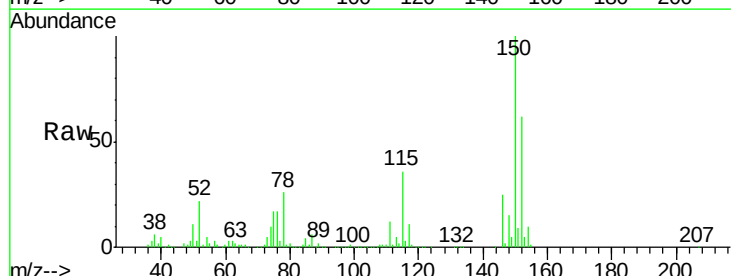
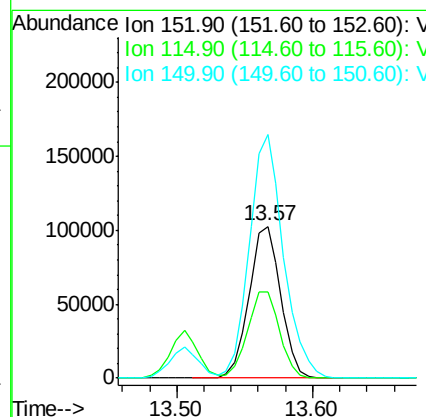
RT: 13.57 min Scan# 1965

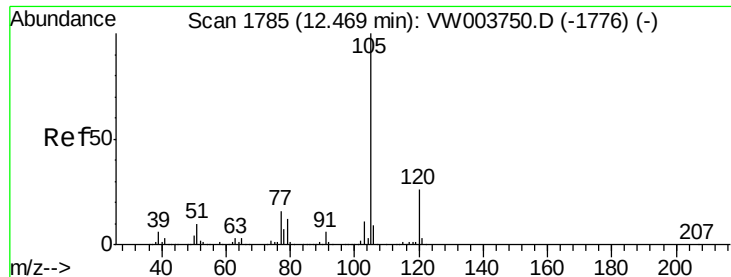
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.8
150	173.4	0.0	342.4





#73

Isopropylbenzene

Concen: 54.62 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 615749

Ion Ratio Lower Upper

105 100

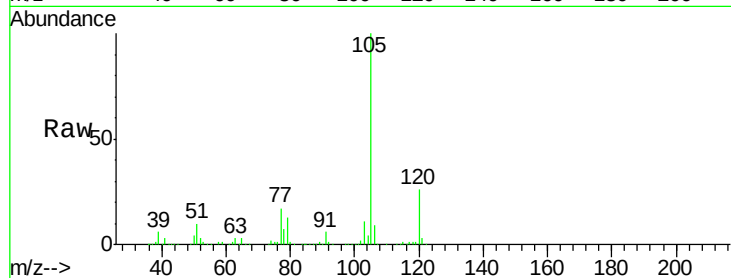
120 25.9 13.1 39.3

Manual Integrations

APPROVED

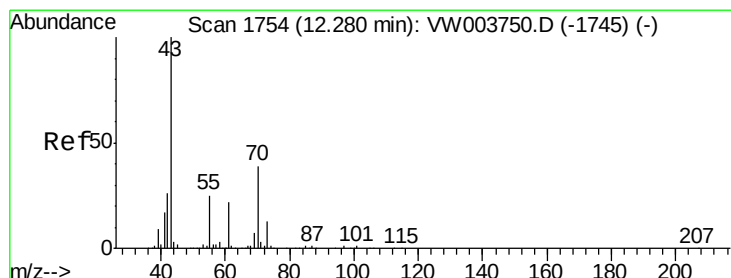
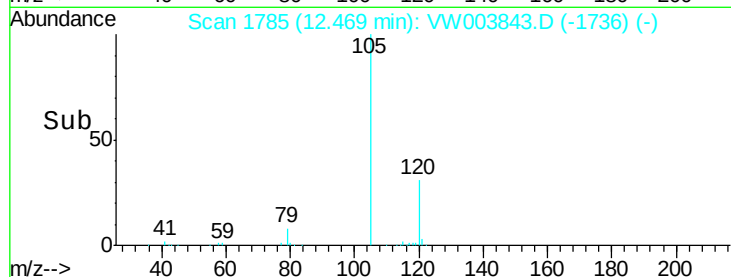
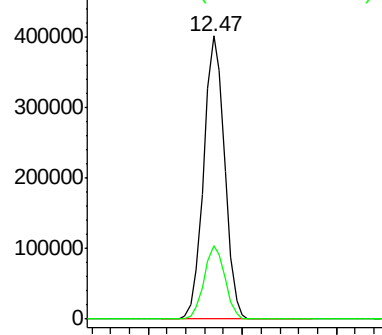
apatel

7/11/2018 12:58:43 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.98 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion: 43 Resp: 174107

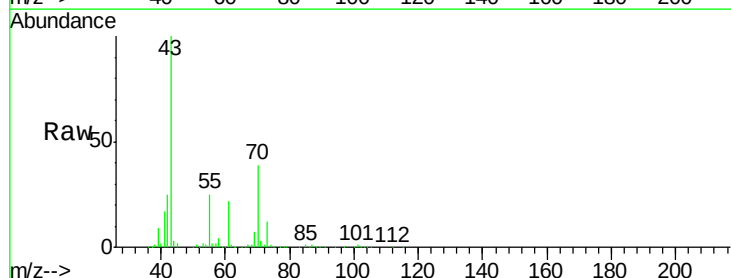
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 25.8 20.1 30.1

61 22.4 17.7 26.5

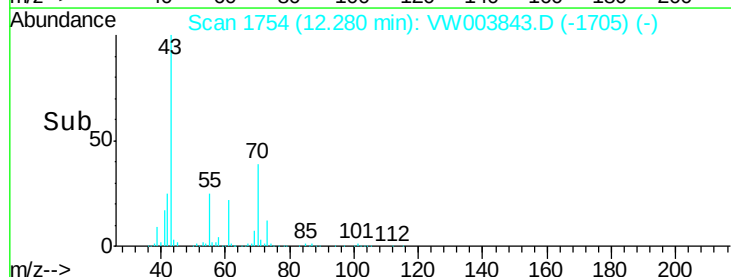
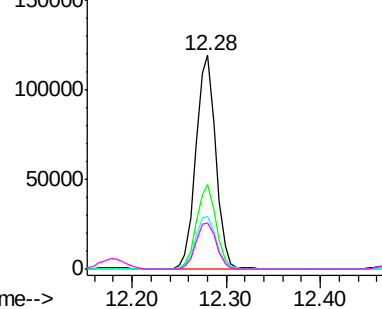


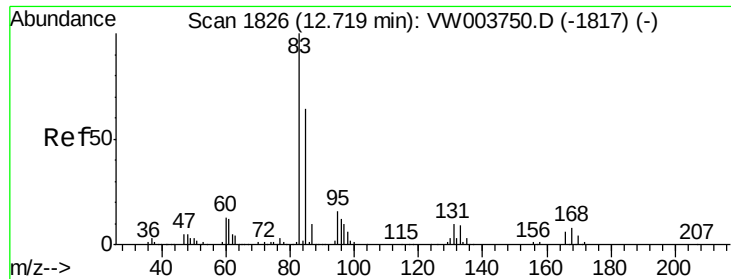
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.48 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

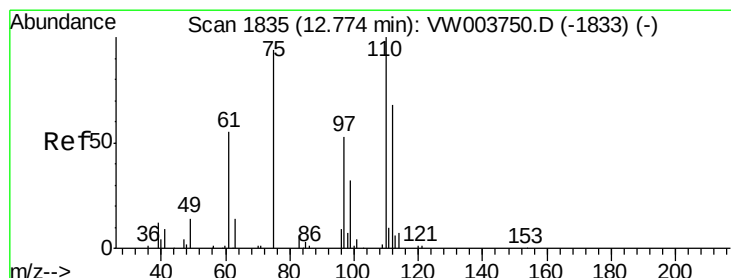
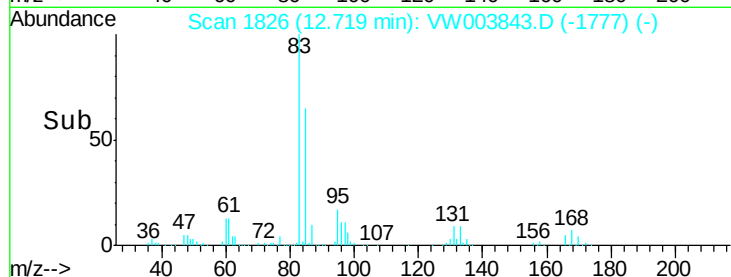
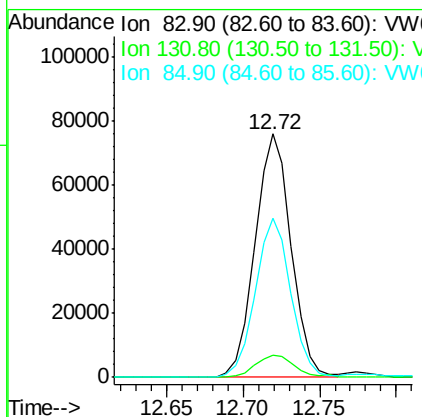
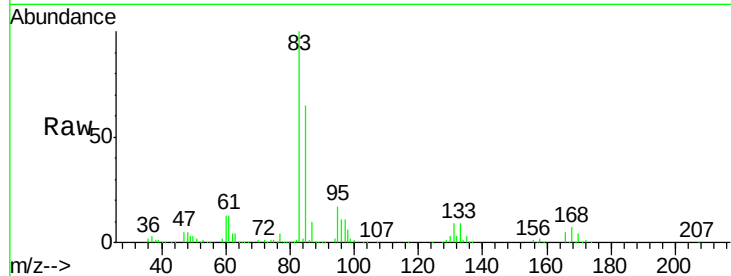
VSTDCCC050

Tot Ion:	83	Resp:	124517
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.3	32.1	96.3

Manual Integrations
APPROVED

apatel

7/11/2018 12:58:43 PM



#76

1,2,3-Trichloropropane

Concen: 49.99 ug/l m

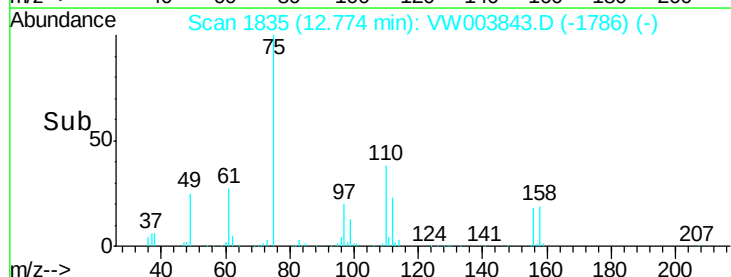
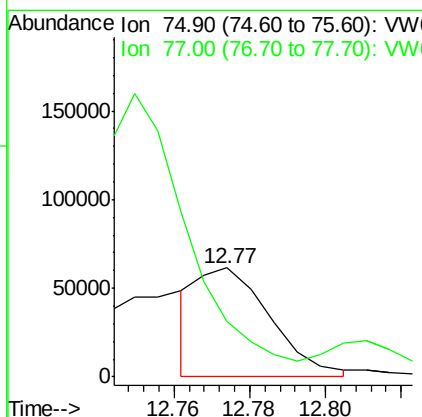
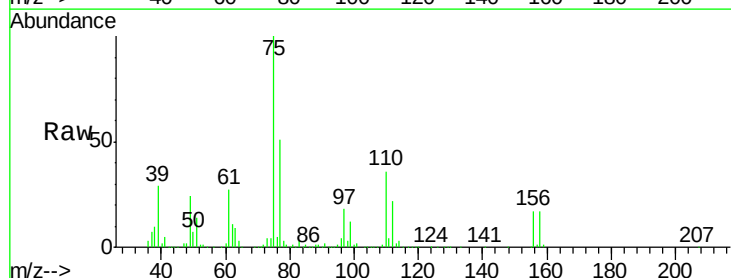
RT: 12.77 min Scan# 1835

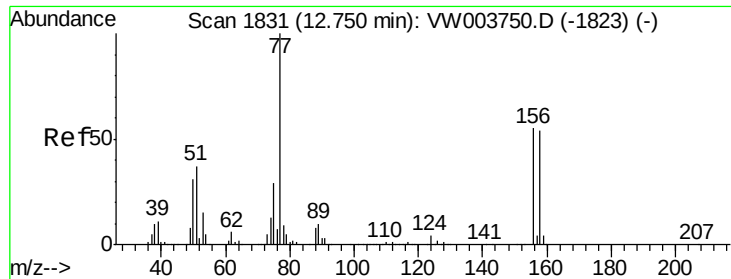
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	75	Resp:	81720
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.70 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

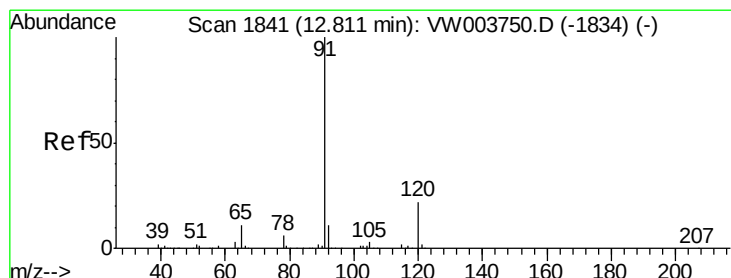
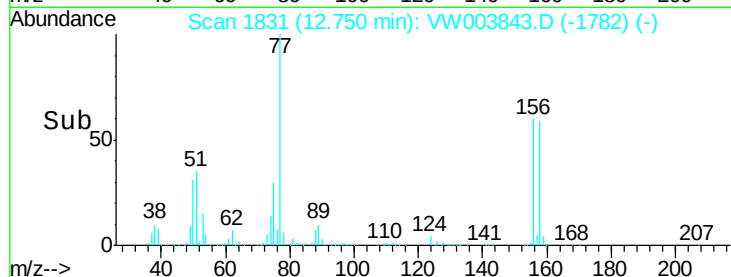
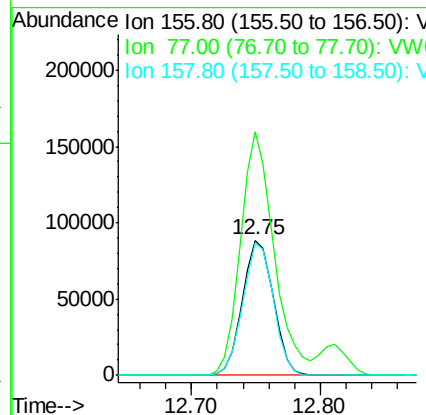
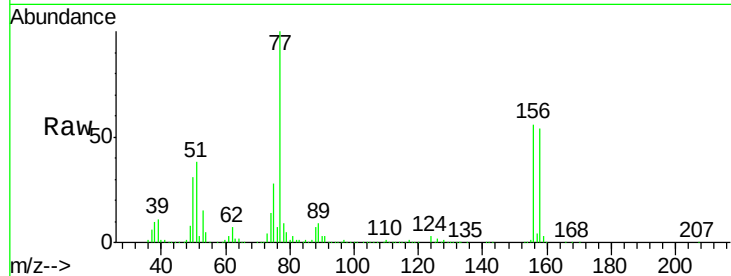
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.1	98.7	296.0
158	96.5	49.0	147.0

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#78

n-propylbenzene

Concen: 54.48 ug/l

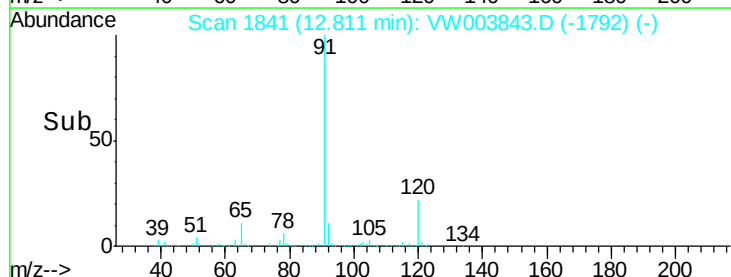
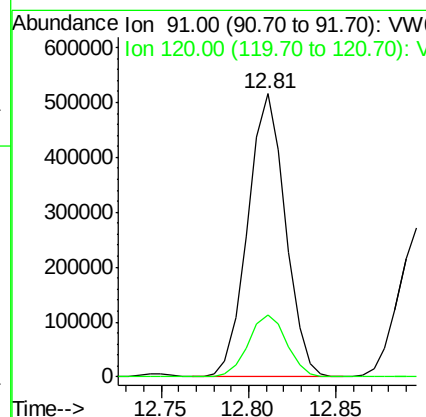
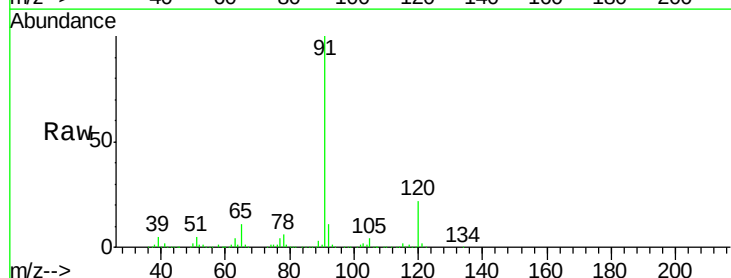
RT: 12.81 min Scan# 1841

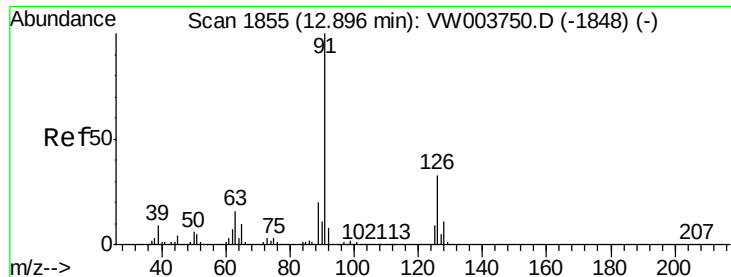
Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





#79

2-Chlorotoluene

Concen: 53.43 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 434385

Ion Ratio Lower Upper

91 100

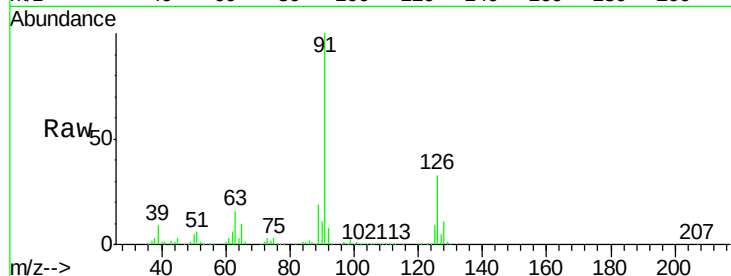
126 33.4 17.0 51.0

Manual Integrations

APPROVED

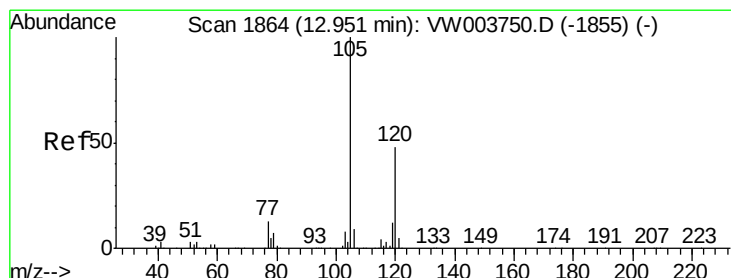
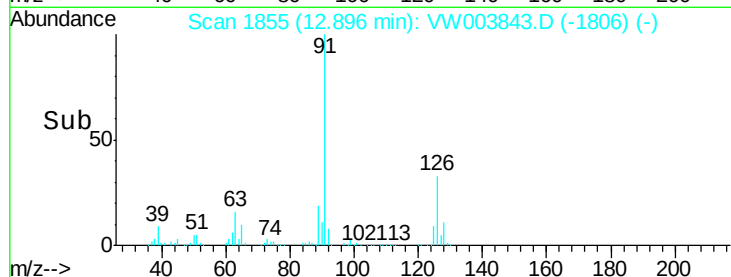
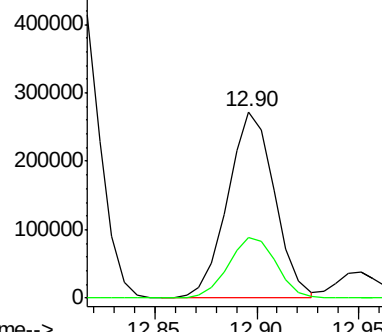
apatel

7/11/2018 12:58:43 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.47 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003843.D

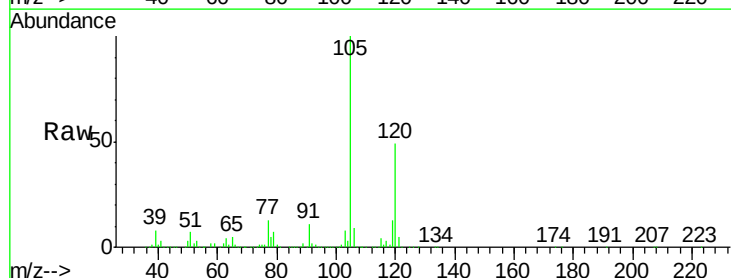
Acq: 11 Jul 2018 00:19

Tgt Ion:105 Resp: 529208

Ion Ratio Lower Upper

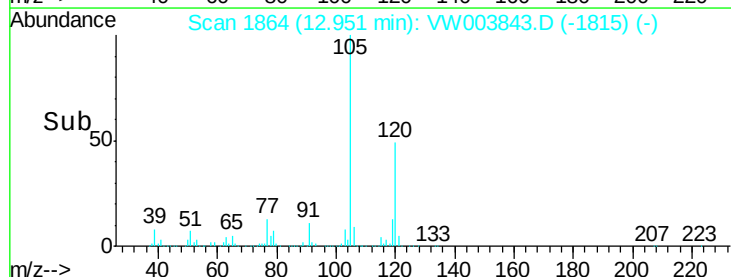
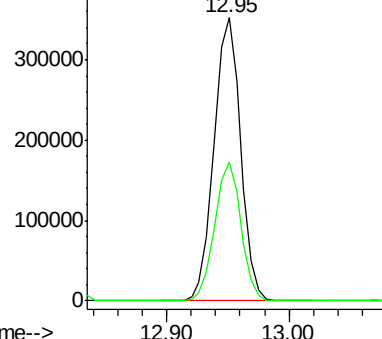
105 100

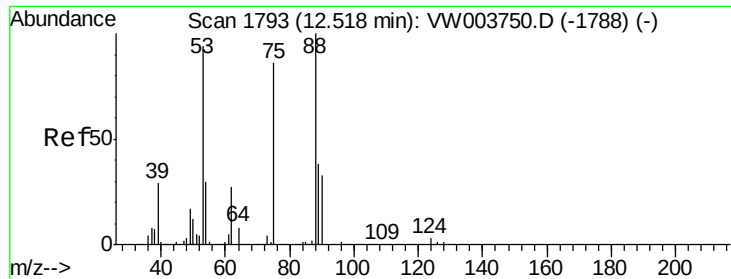
120 48.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





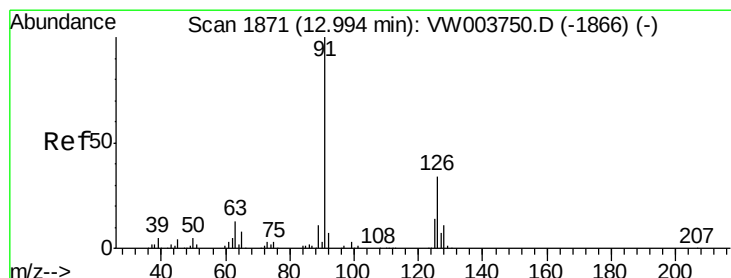
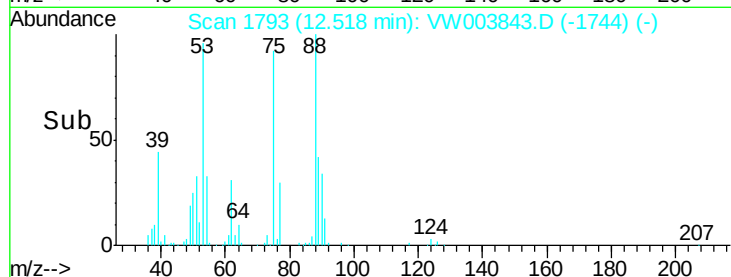
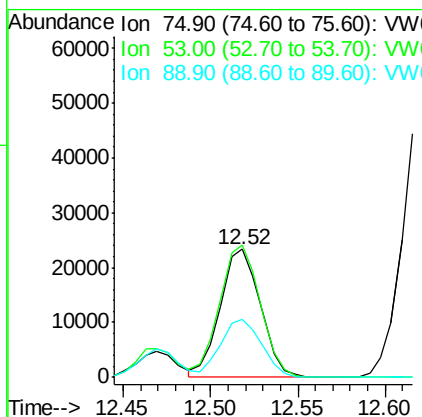
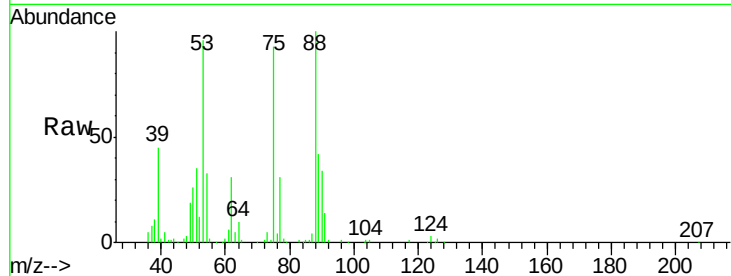
#81
trans-1,4-Dichloro-2-butene
Concen: 55.11 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.0	127.6
89	46.6	36.3	54.5

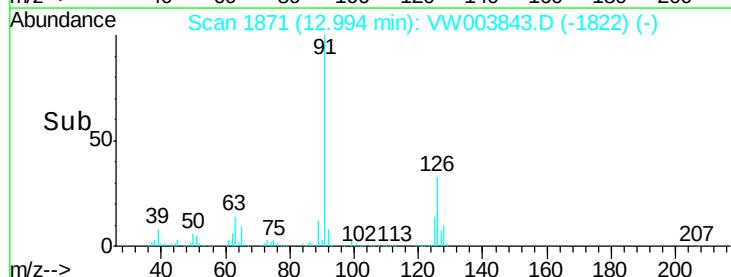
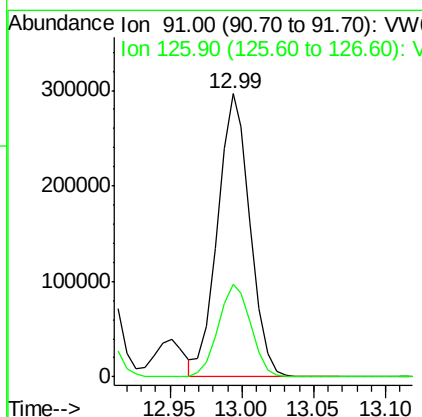
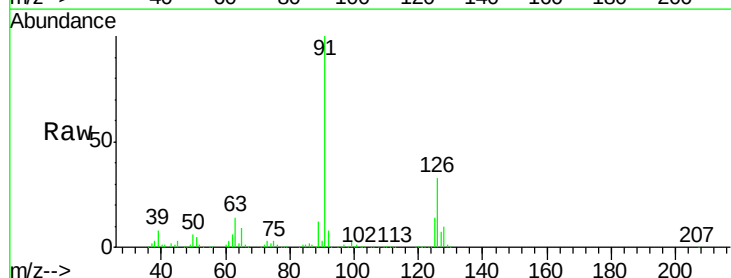
Manual Integrations
APPROVED

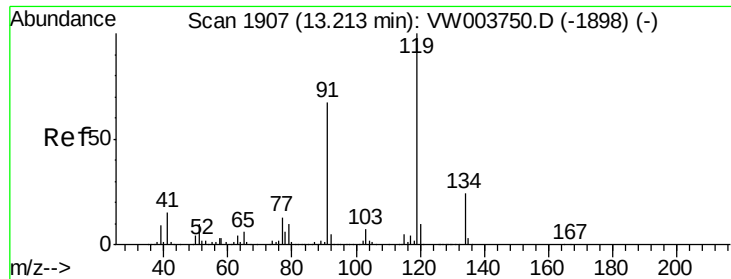
apatel
7/11/2018 12:58:43 PM



#82
4-Chlorotoluene
Concen: 52.98 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.5	49.5





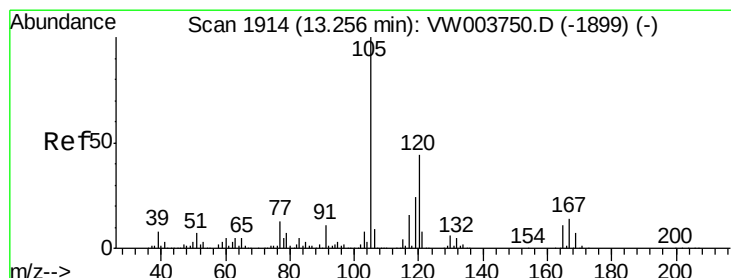
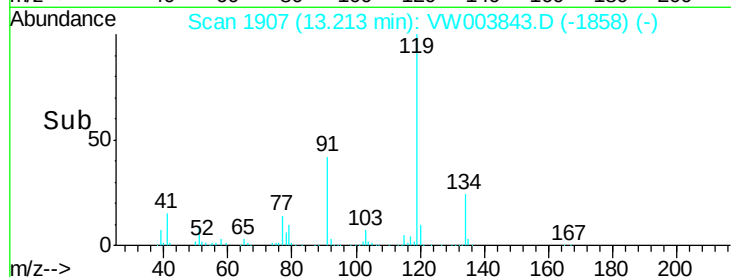
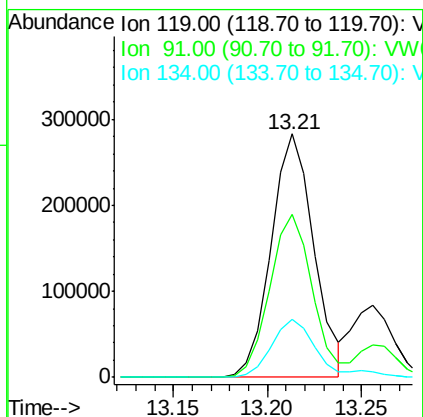
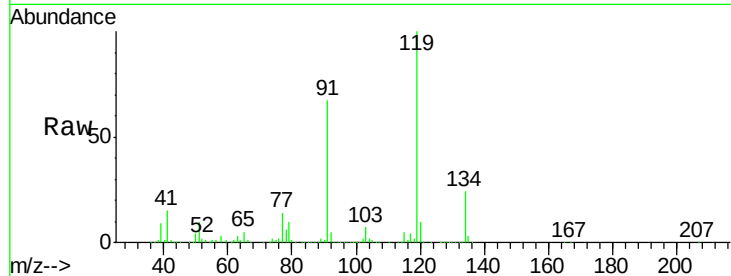
#83
 tert-Butylbenzene
 Concen: 55.46 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.0	98.9
134	25.7	12.8	38.4

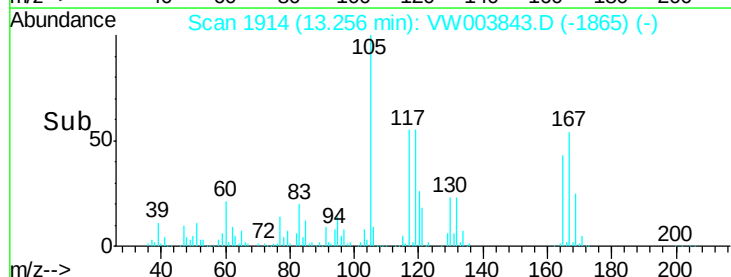
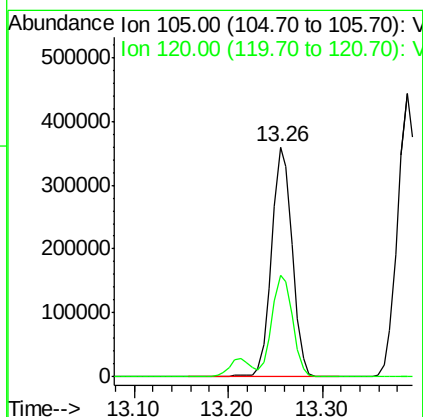
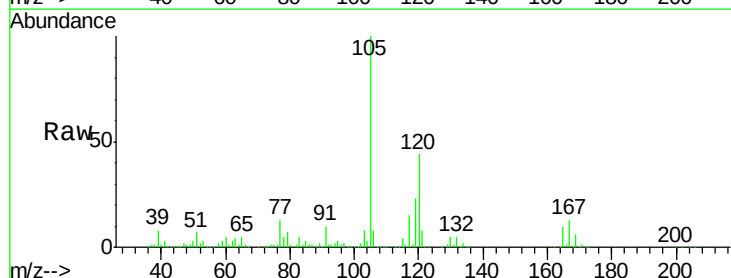
Manual Integrations
 APPROVED

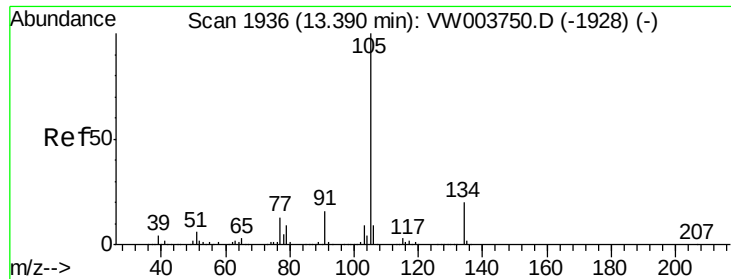
apatel
 7/11/2018 12:58:43 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.48 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0





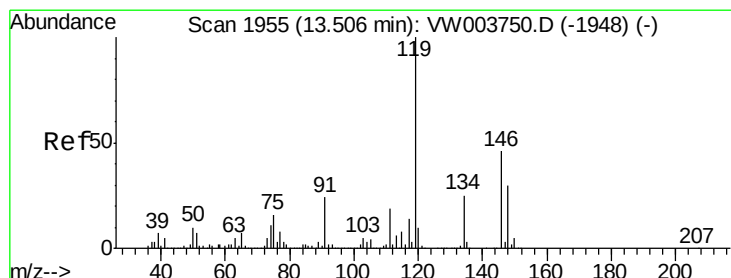
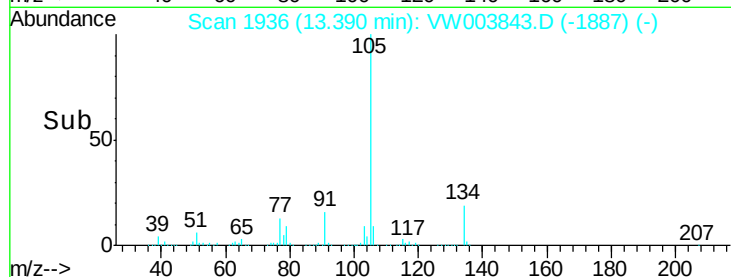
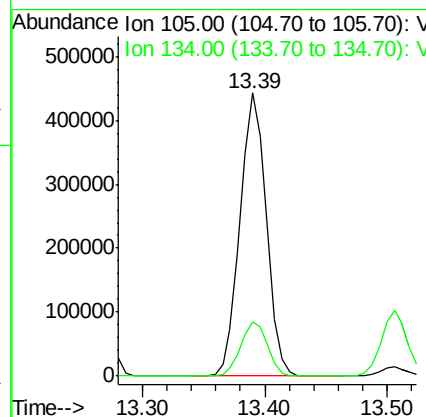
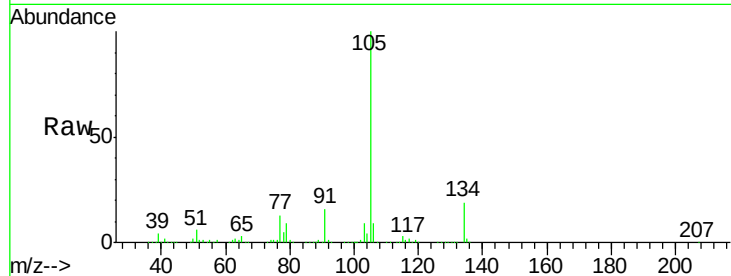
#85
 sec-Butylbenzene
 Concen: 54.66 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	655286		
134	19.5	9.8	29.4	

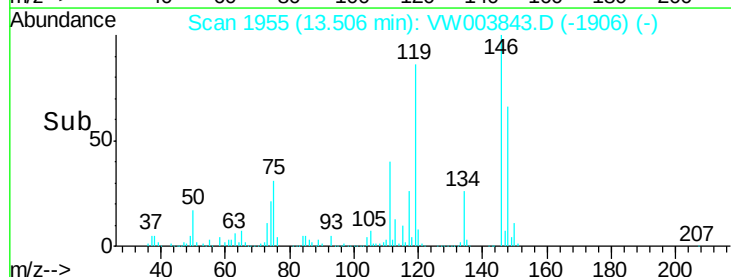
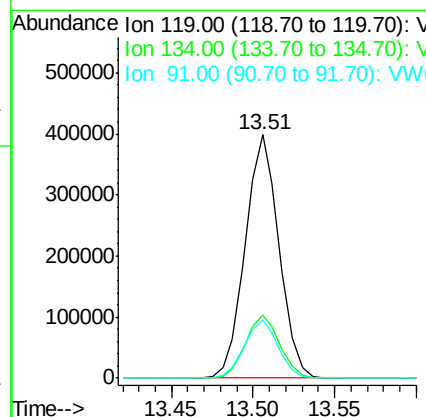
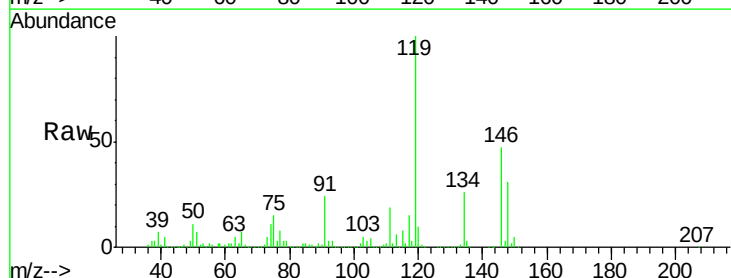
Manual Integrations
 APPROVED

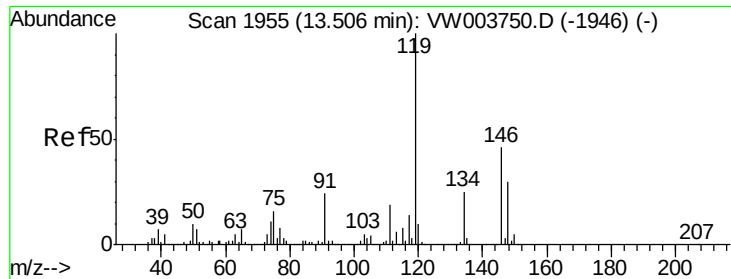
apatel
 7/11/2018 12:58:43 PM



#86
 p-Isopropyltoluene
 Concen: 54.58 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	571757		
134	26.3	13.1	39.1	
91	24.0	11.9	35.9	





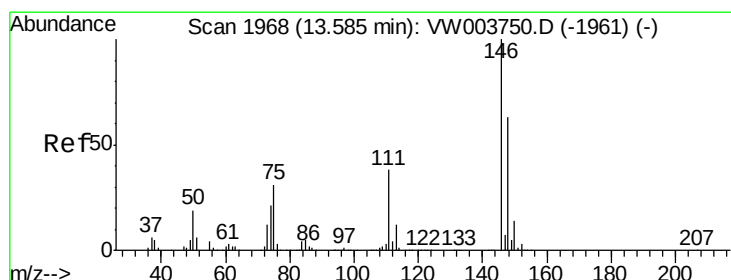
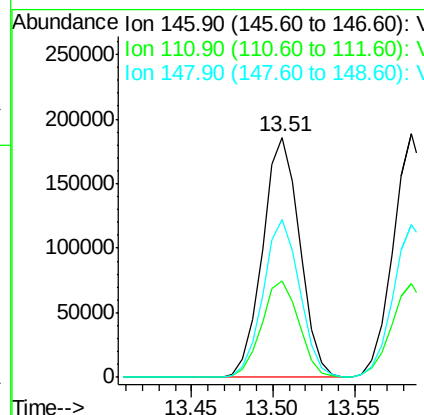
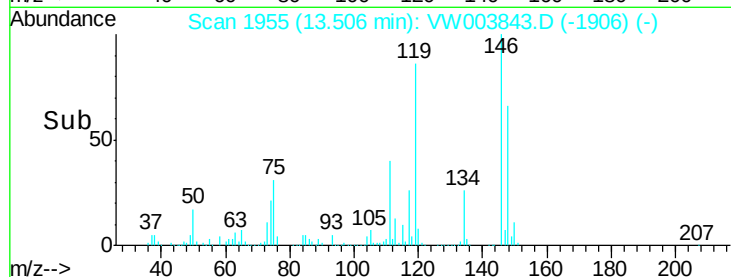
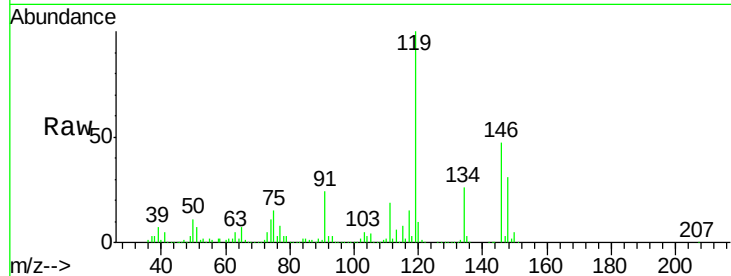
#87
 1,3-Dichlorobenzene
 Concen: 51.87 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294128		
111	40.4	20.2	60.5	
148	64.8	31.9	95.7	

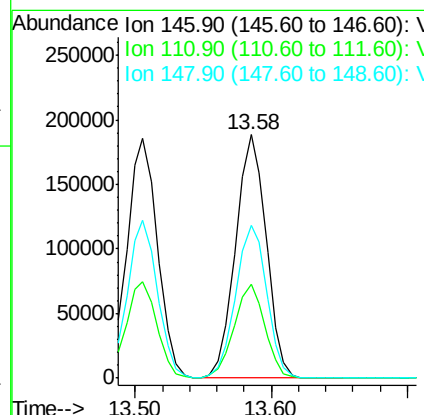
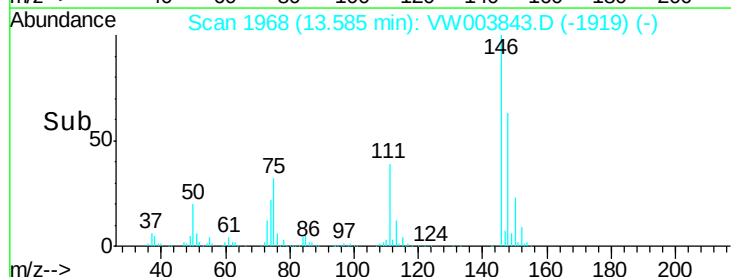
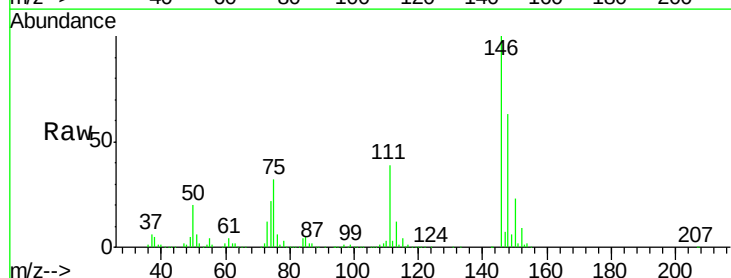
Manual Integrations
 APPROVED

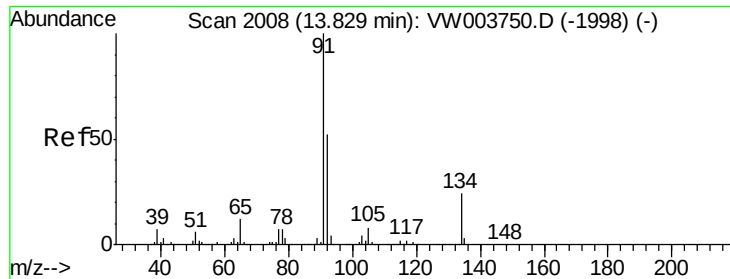
apatel
 7/11/2018 12:58:43 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.74 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295041		
111	38.9	19.4	58.4	
148	64.0	31.9	95.7	





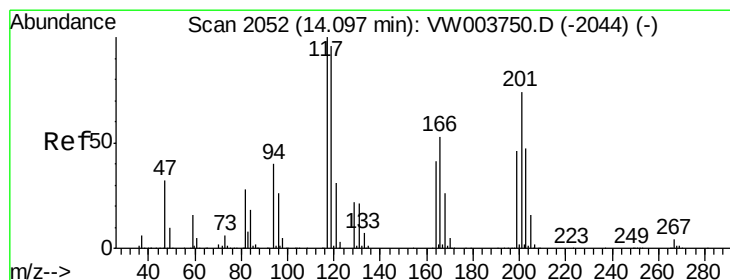
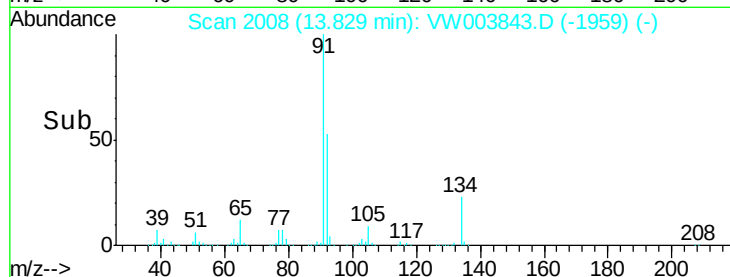
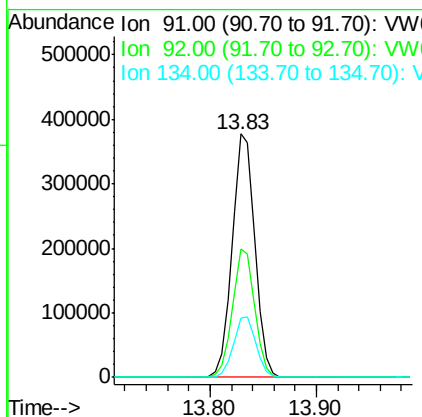
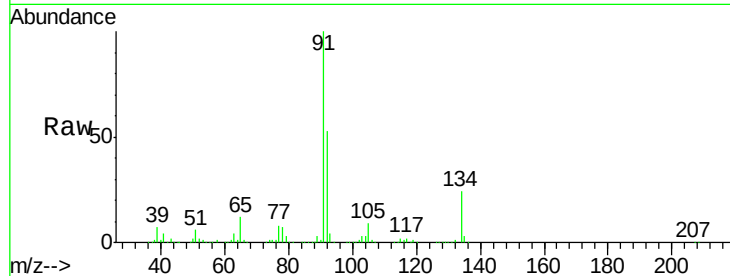
#89
n-Butylbenzene
Concen: 54.74 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	24.6	12.4	37.4

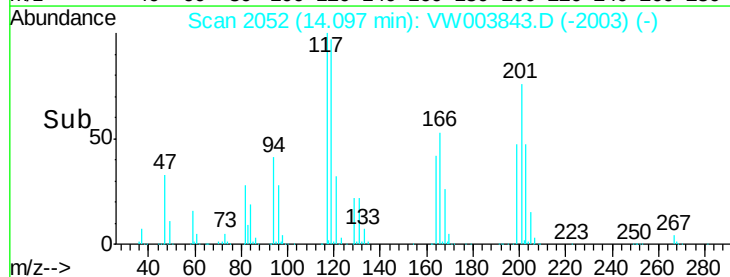
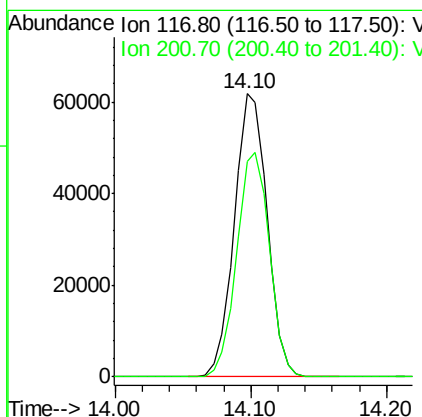
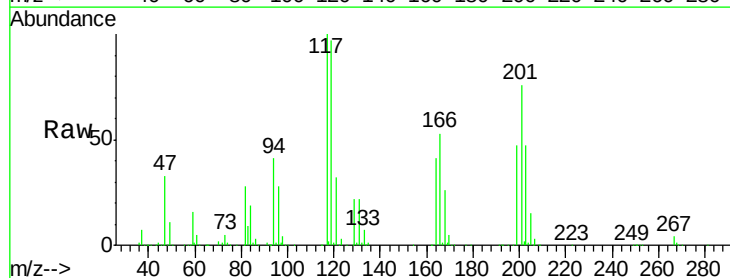
Manual Integrations
APPROVED

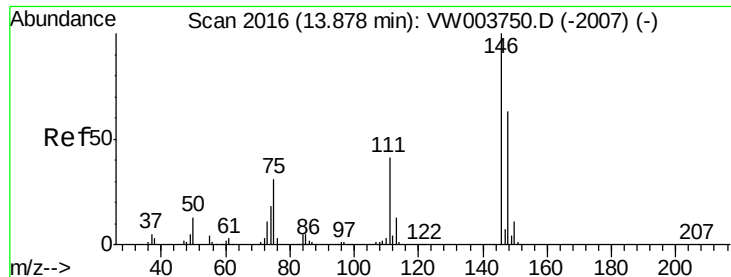
apatel
7/11/2018 12:58:43 PM



#90
Hexachloroethane
Concen: 51.54 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003843.D
Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	39.2	117.6





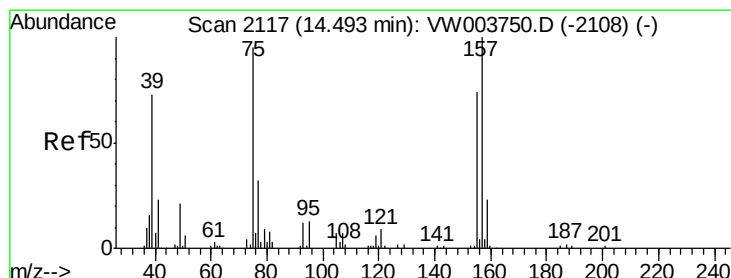
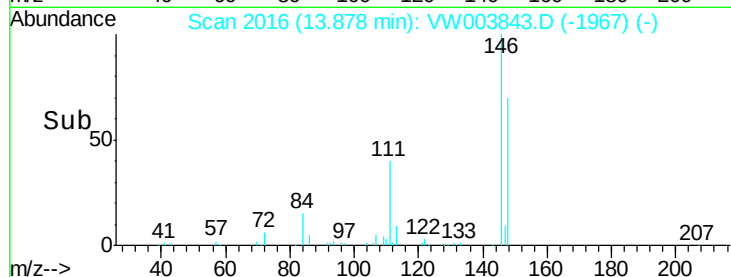
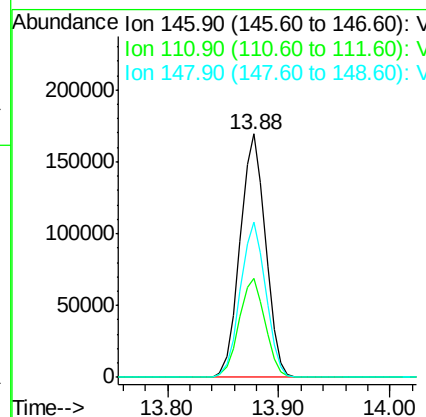
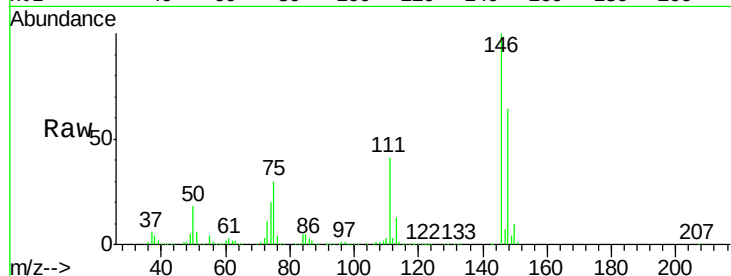
#91
 1,2-Dichlorobenzene
 Concen: 52.59 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	63.8	31.9	95.9

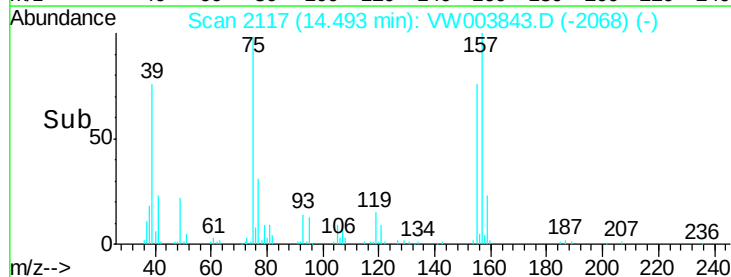
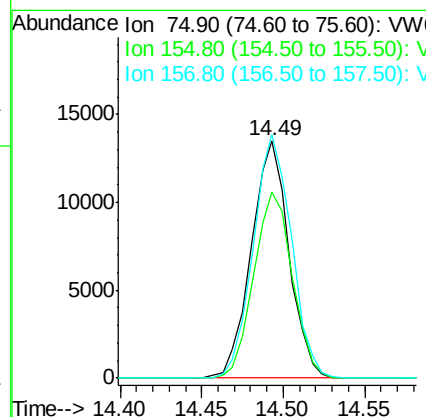
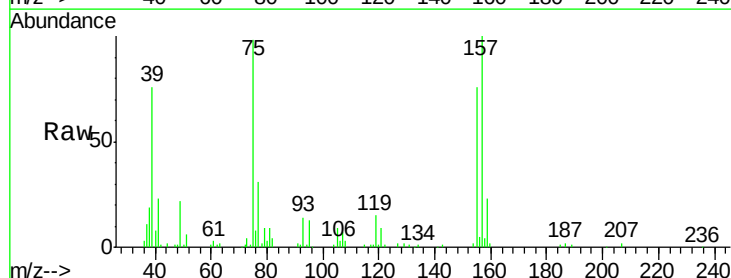
Manual Integrations
 APPROVED

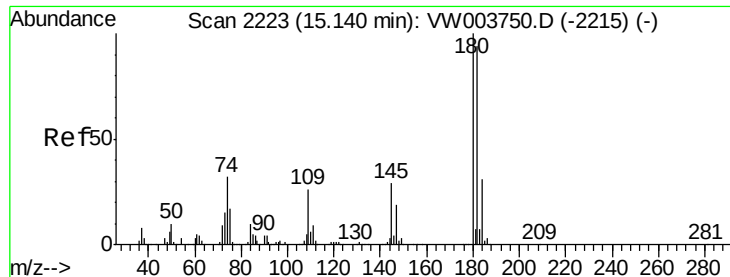
apatel
 7/11/2018 12:58:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.58 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.2	117.6
157	104.0	50.7	152.1





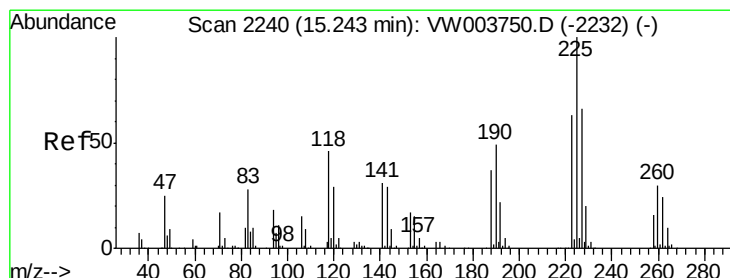
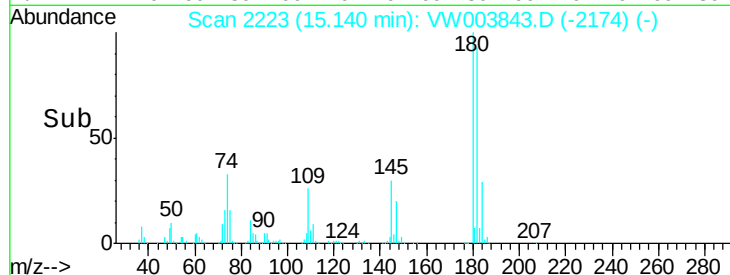
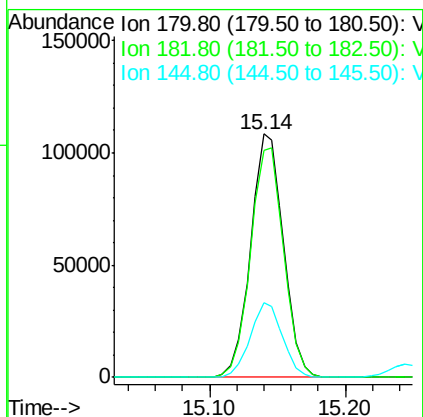
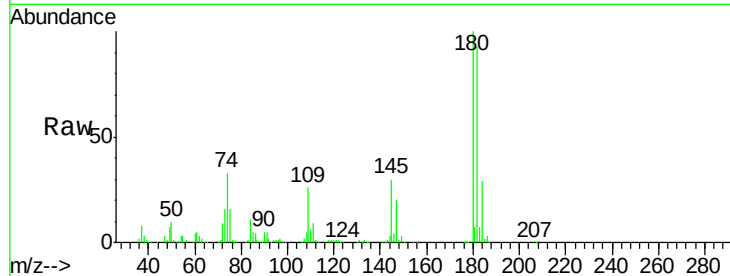
#93
 1,2,4-Trichlorobenzene
 Concen: 52.79 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182368		
182	95.6	47.4	142.2	
145	30.2	15.0	45.0	

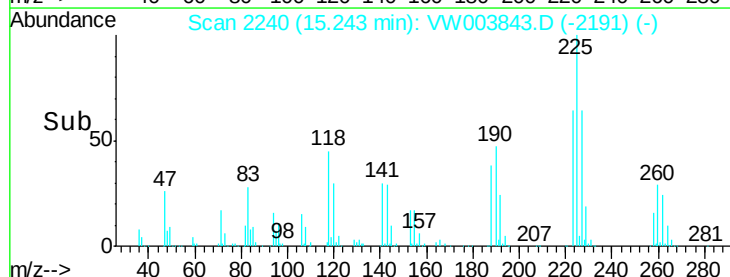
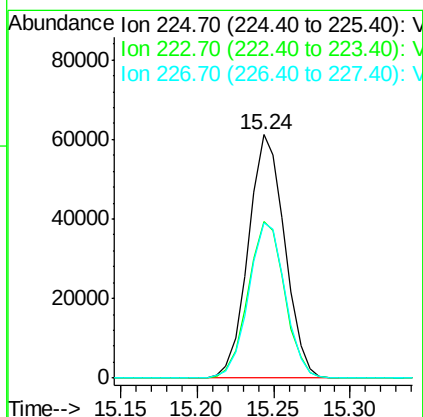
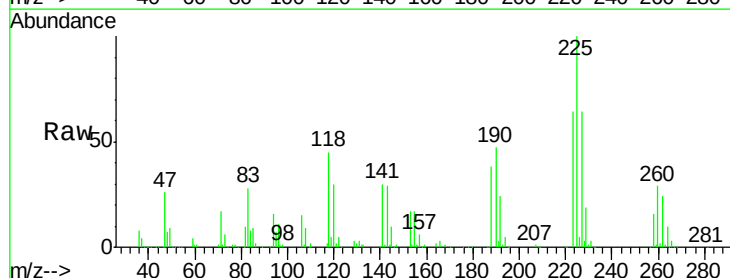
Manual Integrations
 APPROVED

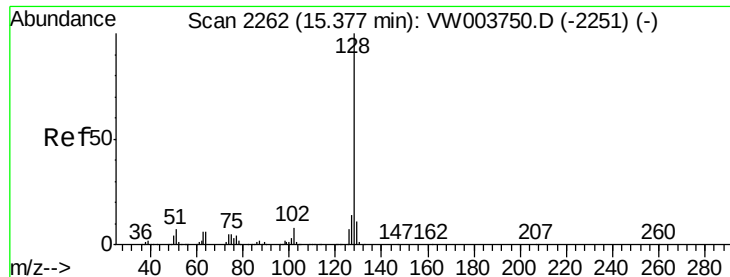
apatel
 7/11/2018 12:58:43 PM



#94
 Hexachlorobutadiene
 Concen: 51.16 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003843.D
 Acq: 11 Jul 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101084		
223	64.5	32.6	97.7	
227	63.7	32.5	97.5	





#95

Naphthalene

Concen: 58.96 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Instrument :

MSVOA_W

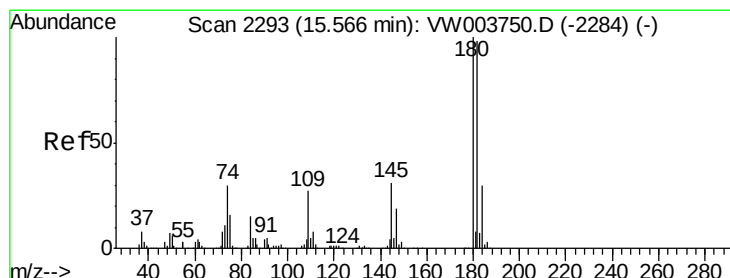
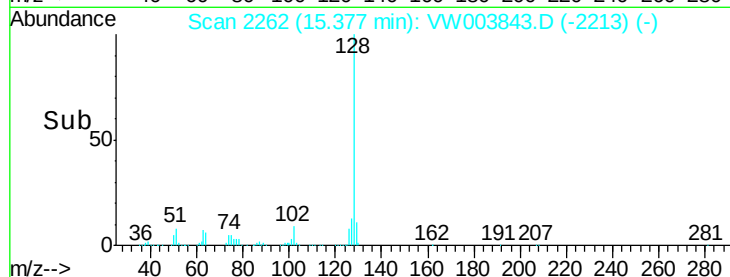
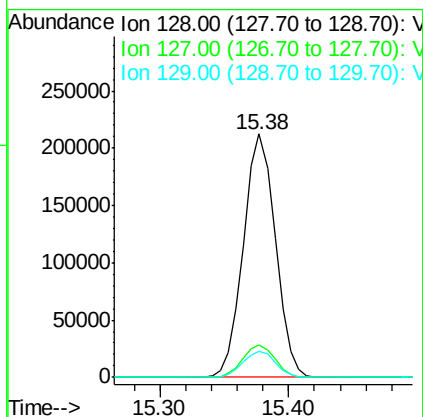
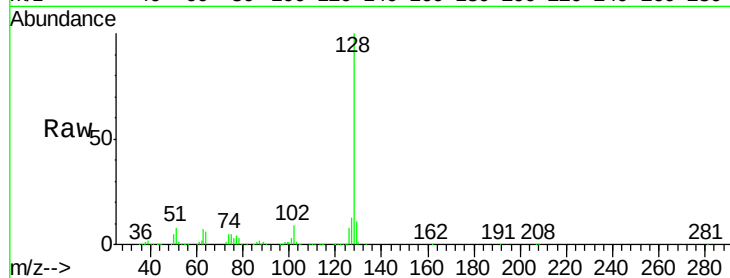
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	364039
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
7/11/2018 12:58:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.39 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003843.D

Acq: 11 Jul 2018 00:19

Tgt Ion:	180	Resp:	165137
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.4	142.3
145	32.6	15.8	47.4

