

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101718\
 Data File : VW006137.D
 Acq On : 17 Oct 2018 19:54
 Operator : VA/AP
 Sample : J5539-09MSD
 Misc : 11.67G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:59 PM

Quant Time: Oct 18 11:56:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	118479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36644	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	7.88	113	34330	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.33	98	151896	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
62) 4-Bromofluorobenzene	12.62	95	115220	115.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	230.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20457	53.940	ug/l	93
3) Chloromethane	2.21	50	27202	55.720	ug/l	98
4) Vinyl Chloride	2.36	62	43170	61.921	ug/l	96
5) Bromomethane	2.79	94	33802	53.306	ug/l	97
6) Chloroethane	2.93	64	27147	54.335	ug/l	98
7) Trichlorofluoromethane	3.26	101	58661	90.321	ug/l	97
8) Diethyl Ether	3.68	74	19689	57.042	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30261	44.460	ug/l	99
10) Methyl Iodide	4.27	142	62901	55.524	ug/l	100
11) Tert butyl alcohol	5.17	59	15141	354.324	ug/l	97
12) 1,1-Dichloroethene	4.04	96	33780	52.753	ug/l	97
13) Acrolein	3.89	56	8639	208.929	ug/l	93
14) Allyl chloride	4.67	41	47030	51.366	ug/l	99
15) Acrylonitrile	5.37	53	42437	342.779	ug/l	98
16) Acetone	4.12	43	58364	504.709	ug/l	99
17) Carbon Disulfide	4.38	76	96591	49.980	ug/l	100
18) Methyl Acetate	4.67	43	23671	74.030	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	76690	78.632	ug/l	# 89
20) Methylene Chloride	4.92	84	40819	61.076	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	38629	54.046	ug/l	95
22) Diisopropyl ether	6.32	45	107279	59.292	ug/l	96
23) Vinyl Acetate	6.26	43	306254	286.811	ug/l	99
24) 1,1-Dichloroethane	6.22	63	63559	54.440	ug/l	98
25) 2-Butanone	7.18	43	65426	381.166	ug/l	95
26) 2,2-Dichloropropane	7.17	77	51760	62.859	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	43615	55.296	ug/l	100
28) Bromochloromethane	7.51	49	27157	60.252	ug/l	95
29) Tetrahydrofuran	7.54	42	37345	353.956	ug/l	98
30) Chloroform	7.68	83	70351	55.308	ug/l	98
31) Cyclohexane	7.96	56	32947	28.338	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	60663	52.869	ug/l	98
36) 1,1-Dichloropropene	8.09	75	51904	47.529	ug/l	100
37) Ethyl Acetate	7.26	43	25863	63.743	ug/l	98
38) Carbon Tetrachloride	8.07	117	50868	42.491	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101718\
 Data File : VW006137.D
 Acq On : 17 Oct 2018 19:54
 Operator : VA/AP
 Sample : J5539-09MSD
 Misc : 11.67G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 SB-10-5-7FT

Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:59 PM

Quant Time: Oct 18 11:56:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31718	21.850	ug/l #	88
40) Benzene	8.33	78	156168	52.133	ug/l	98
41) Methacrylonitrile	7.49	41	13031	53.276	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	50558	57.446	ug/l	96
43) Isopropyl Acetate	8.43	43	63024	75.970	ug/l #	88
44) Trichloroethene	9.09	130	45404	49.404	ug/l	99
45) 1,2-Dichloropropane	9.37	63	38181	53.265	ug/l	98
46) Dibromomethane	9.46	93	23341	57.131	ug/l	99
47) Bromodichloromethane	9.65	83	57030	57.576	ug/l	99
48) Methyl methacrylate	9.44	41	29249	74.380	ug/l	92
49) 1,4-Dioxane	9.45	88	8043	1278.795	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	140573	338.197	ug/l	99
52) Toluene	10.39	92	95176	47.391	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	49557	50.216	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	56541	49.920	ug/l #	79
55) 1,1,2-Trichloroethane	10.77	97	177854	311.084	ug/l #	25
56) Ethyl methacrylate	10.66	69	105437	150.433	ug/l #	1
57) 1,3-Dichloropropane	10.94	76	53885	56.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	79223	295.811	ug/l	100
59) 2-Hexanone	10.94	43	338651	1141.358	ug/l #	25
60) Dibromochloromethane	11.13	129	35528	49.889	ug/l	92
61) 1,2-Dibromoethane	11.24	107	32944	57.669	ug/l	83
64) Tetrachloroethene	10.87	164	29195	41.305	ug/l	96
65) Chlorobenzene	11.66	112	101736	52.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	35442	51.167	ug/l	99
67) Ethyl Benzene	11.74	91	145344	43.029	ug/l	100
68) m/p-Xylenes	11.84	106	109240	81.822	ug/l	96
69) o-Xylene	12.17	106	55767	43.829	ug/l	89
70) Styrene	12.19	104	99424	48.052	ug/l	96
71) Bromoform	12.35	173	21539	55.750	ug/l #	98
73) Isopropylbenzene	12.47	105	126706	19.301	ug/l	100
74) N-amyl acetate	12.26	43	585181	458.947	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.69	83	160362	160.609	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	25733m	36.256	ug/l	
77) Bromobenzene	12.76	156	43308	26.934	ug/l	92
78) n-propylbenzene	12.81	91	167736	21.962	ug/l	95
79) 2-Chlorotoluene	12.90	91	109594	25.539	ug/l	80
80) 1,3,5-Trimethylbenzene	12.95	105	71124	12.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8818	29.699	ug/l #	1
82) 4-Chlorotoluene	12.99	91	93092	20.709	ug/l	81
83) tert-Butylbenzene	13.21	119	79318	16.019	ug/l	79
84) 1,2,4-Trimethylbenzene	13.26	105	76879	13.728	ug/l	98
85) sec-Butylbenzene	13.39	105	675751	96.603	ug/l	82
86) p-Isopropyltoluene	13.51	119	52894	8.360	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	53261	16.644	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	53986	16.944	ug/l #	1
89) n-Butylbenzene	13.83	91	374852	64.782	ug/l #	82
90) Hexachloroethane	14.10	117	58454	54.543	ug/l #	16
91) 1,2-Dichlorobenzene	13.88	146	54132	18.964	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8484	47.459	ug/l	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006137.D
Acq On : 17 Oct 2018 19:54
Operator : VA/AP
Sample : J5539-09MSD
Misc : 11.67G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

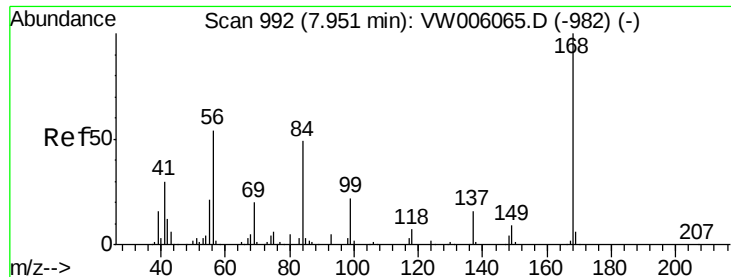
Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM

Quant Time: Oct 18 11:56:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	26103	11.885	ug/l #	1
94) Hexachlorobutadiene	15.24	225	4189	3.036	ug/l	98
95) Naphthalene	15.38	128	40264	11.020	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.58	180	41739	21.972	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion:168 Resp: 76639

Ion Ratio Lower Upper

168 100

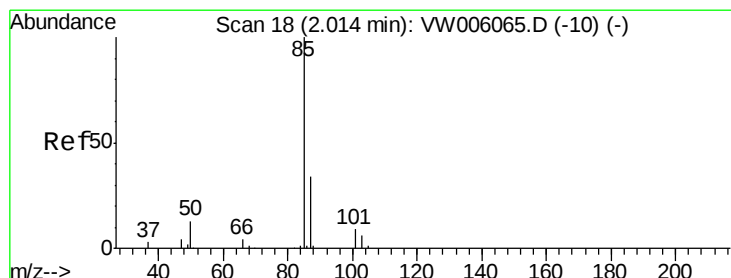
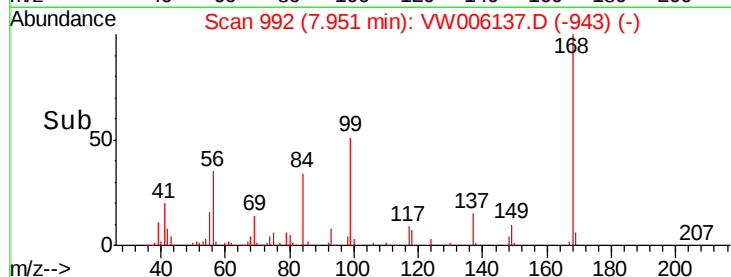
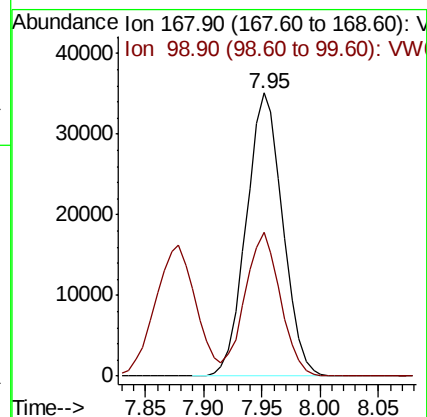
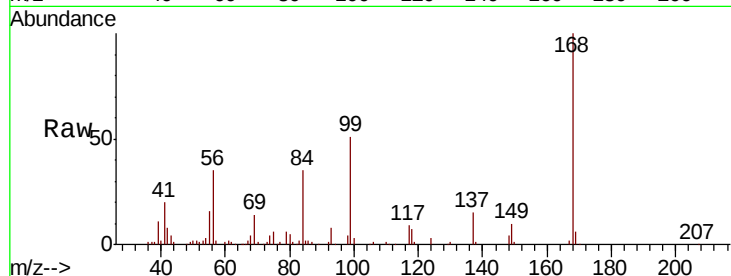
99 50.8 39.9 59.9

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#2

Dichlorodifluoromethane

Concen: 53.940 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006137.D

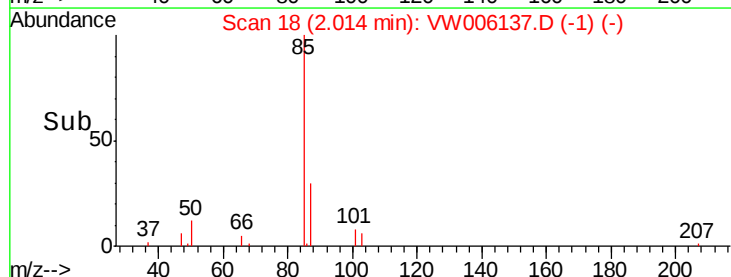
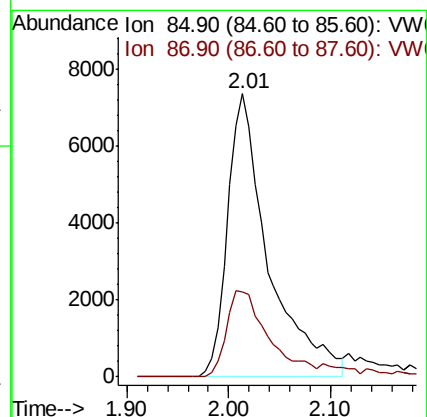
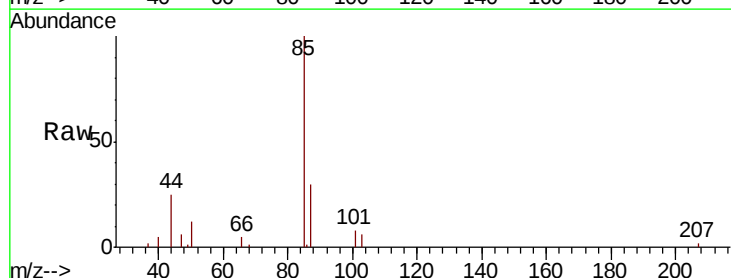
Acq: 17 Oct 2018 19:54

Tgt Ion: 85 Resp: 20457

Ion Ratio Lower Upper

85 100

87 29.9 16.9 50.6





#3

Chloromethane

Concen: 55.720 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 50 Resp: 27202

Ion Ratio Lower Upper

50 100

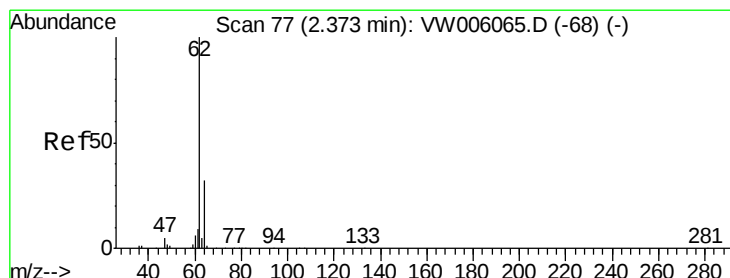
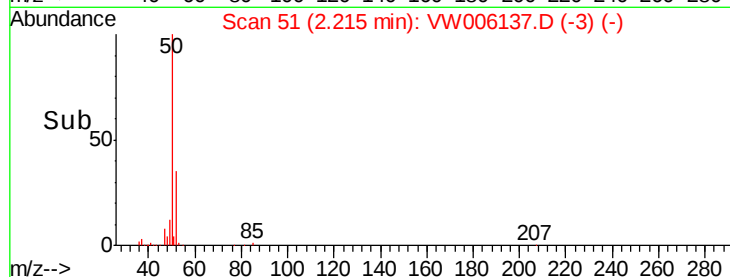
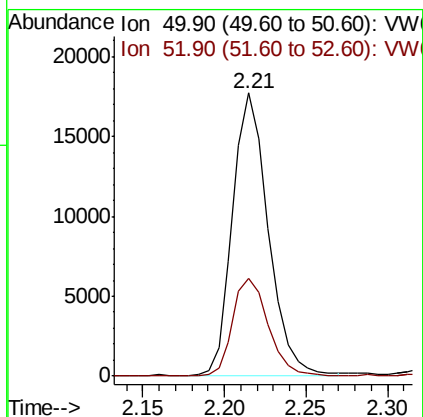
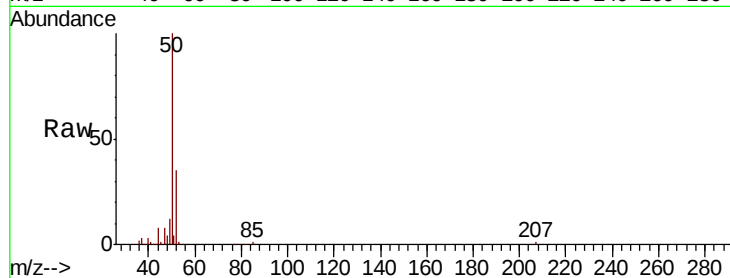
52 34.6 26.8 40.2

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#4

Vinyl Chloride

Concen: 61.921 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW006137.D

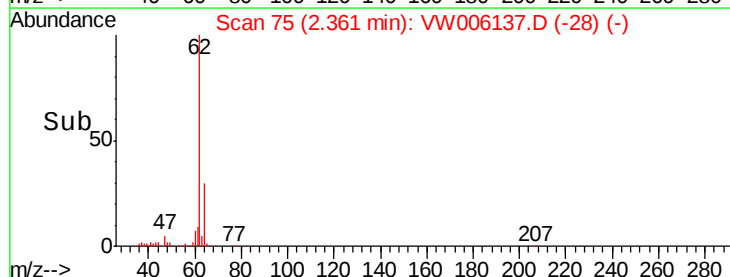
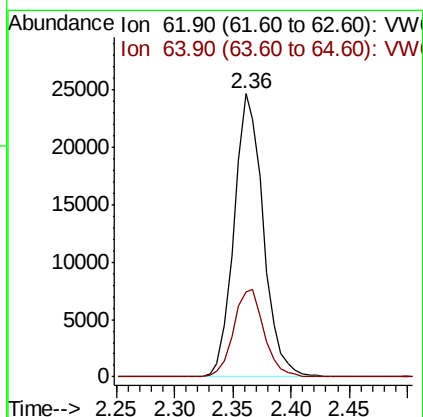
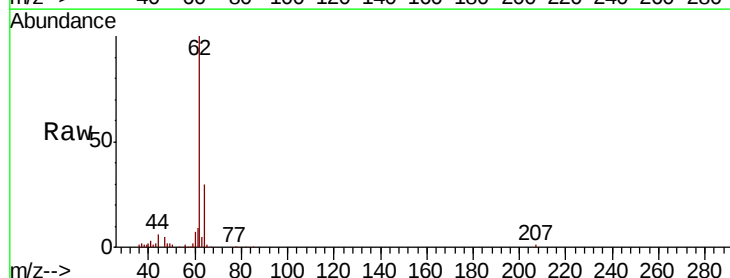
Acq: 17 Oct 2018 19:54

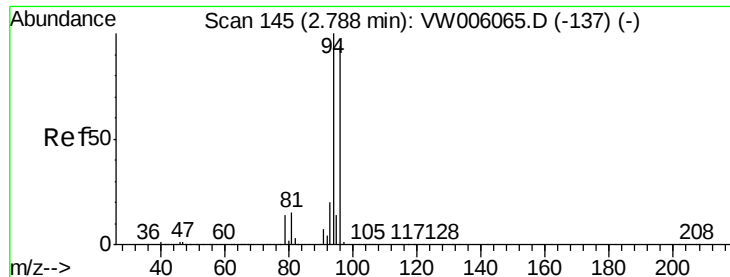
Tgt Ion: 62 Resp: 43170

Ion Ratio Lower Upper

62 100

64 30.2 25.9 38.9





#5

Bromomethane

Concen: 53.306 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 94 Resp: 33802

Ion Ratio Lower Upper

94 100

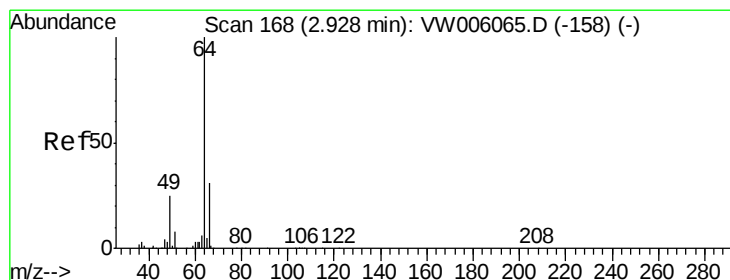
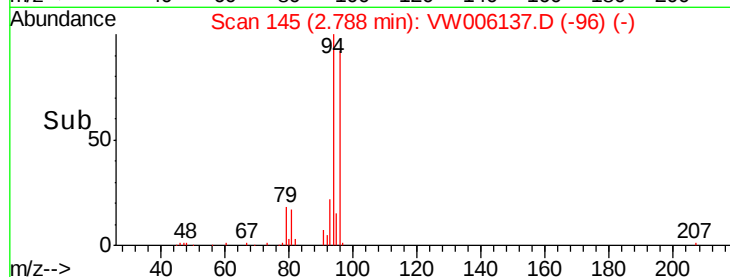
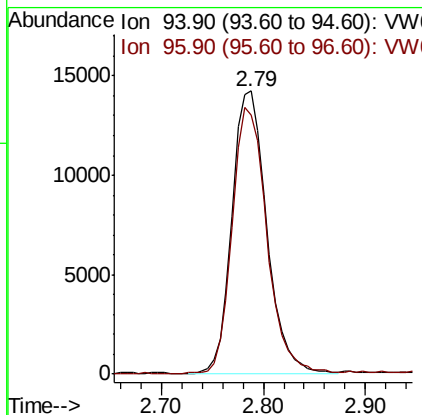
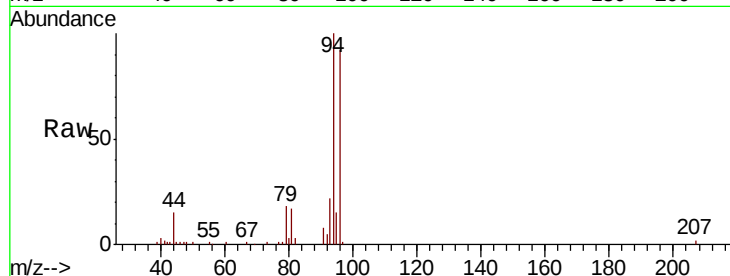
96 91.1 74.9 112.3

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#6

Chloroethane

Concen: 54.335 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006137.D

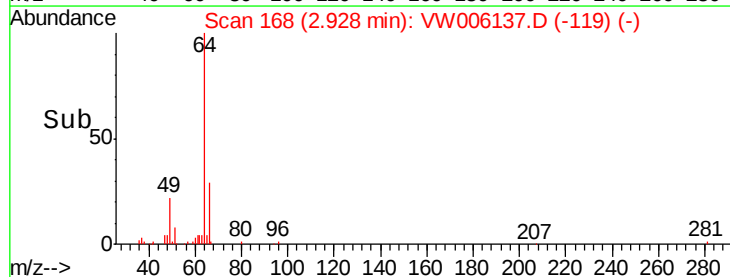
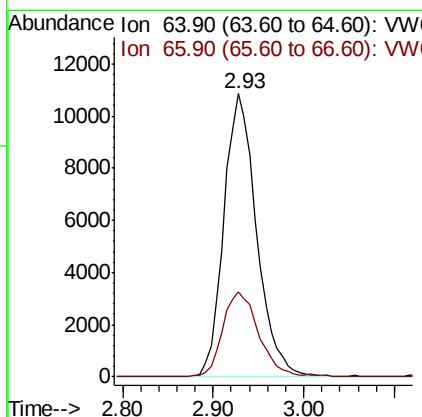
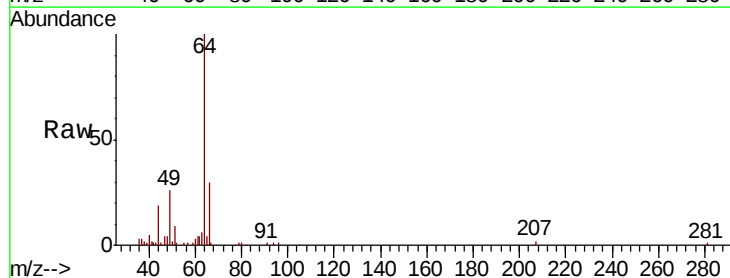
Acq: 17 Oct 2018 19:54

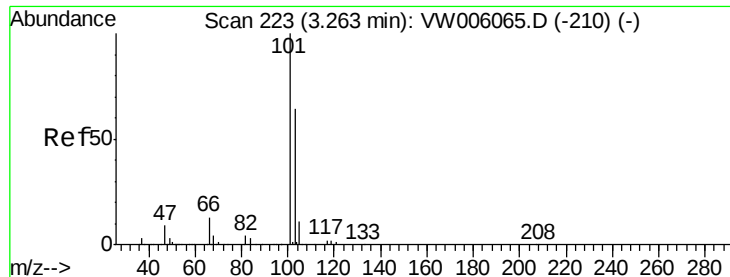
Tgt Ion: 64 Resp: 27147

Ion Ratio Lower Upper

64 100

66 30.1 24.9 37.3





#7

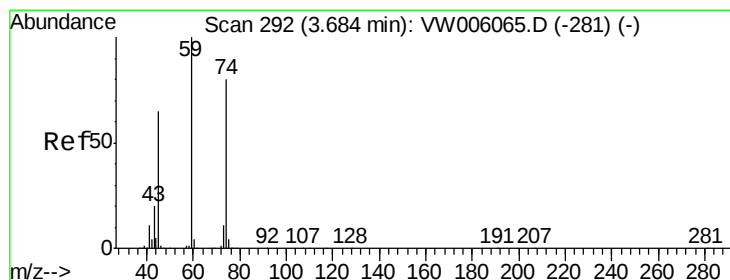
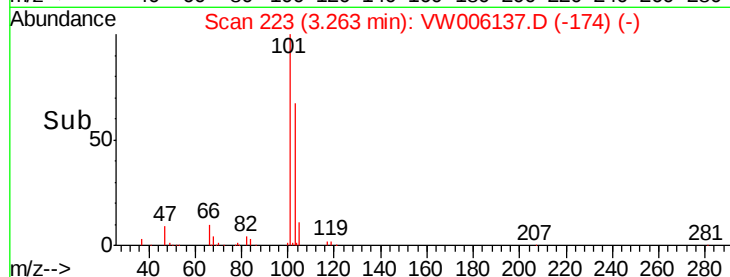
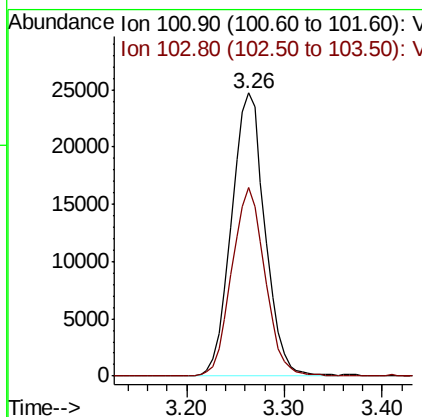
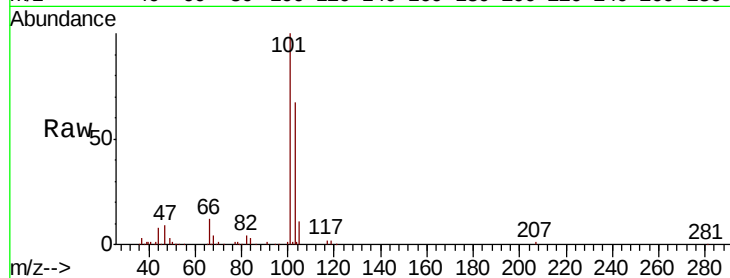
Trichlorofluoromethane
 Concen: 90.321 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.2	76.8

Manual Integrations
 APPROVED

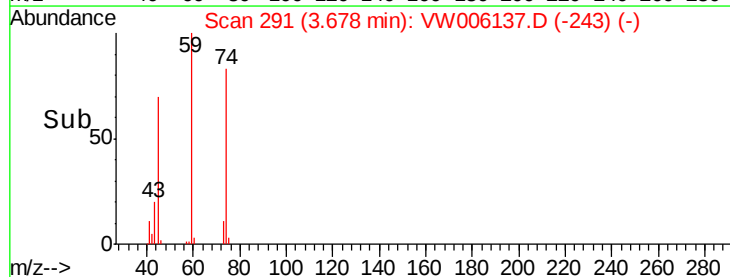
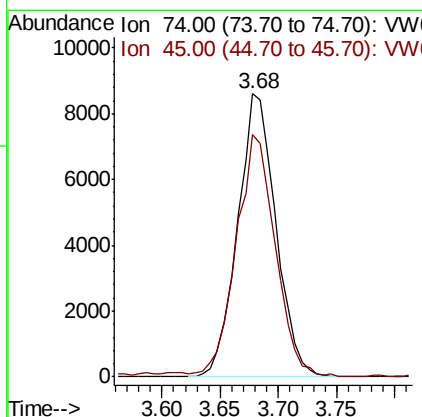
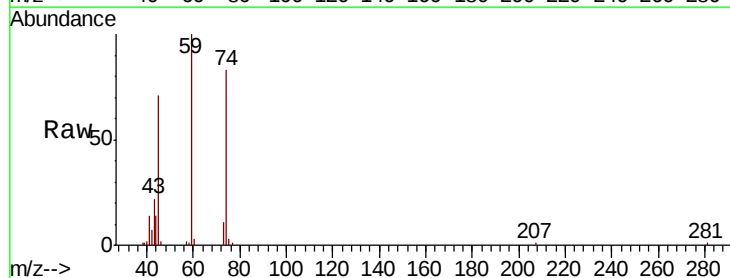
apatel
 10/18/2018 4:36:59 PM



#8

Diethyl Ether
 Concen: 57.042 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.460 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

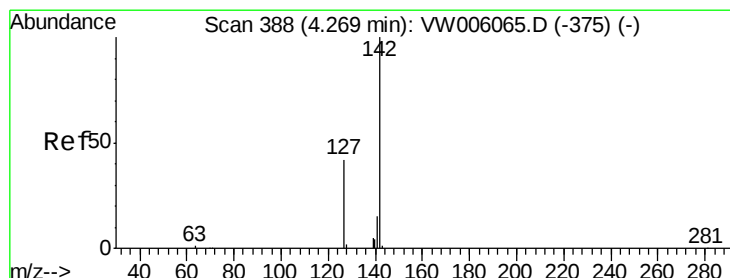
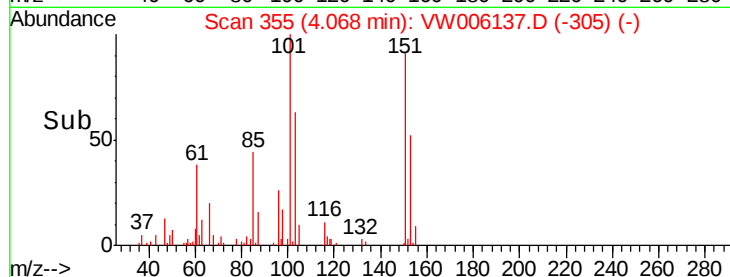
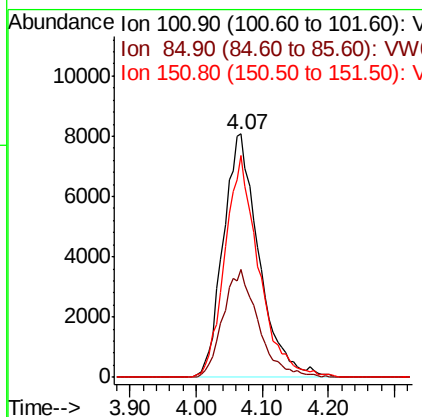
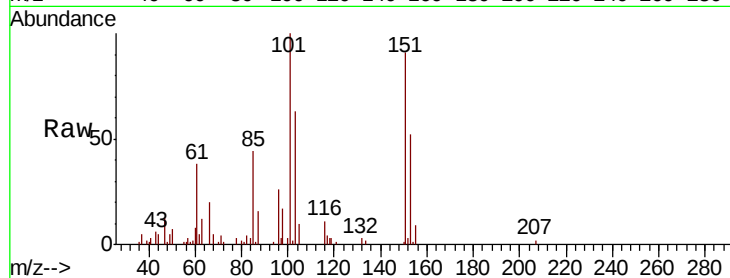
ClientSampleId :

SB-10-5-7FT

Tot Ion:	101	Resp:	30261
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	86.4	70.4	105.6

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#10

Methyl Iodide

Concen: 55.524 ug/l

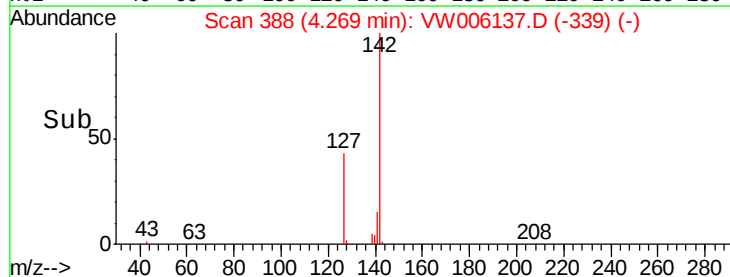
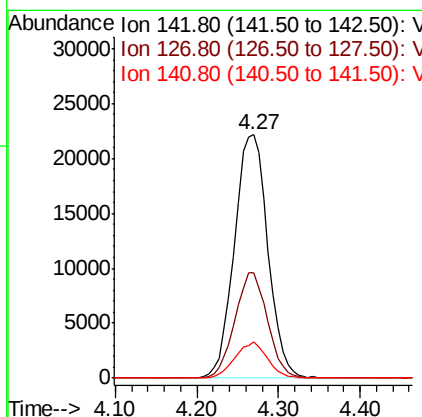
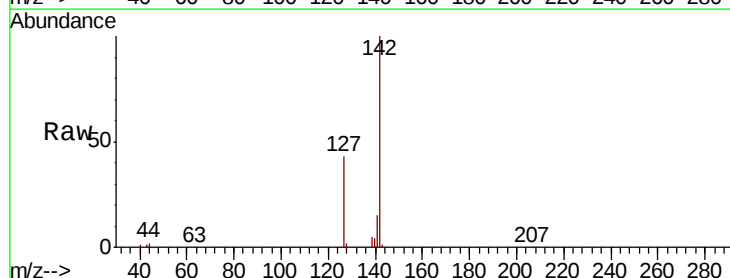
RT: 4.27 min Scan# 388

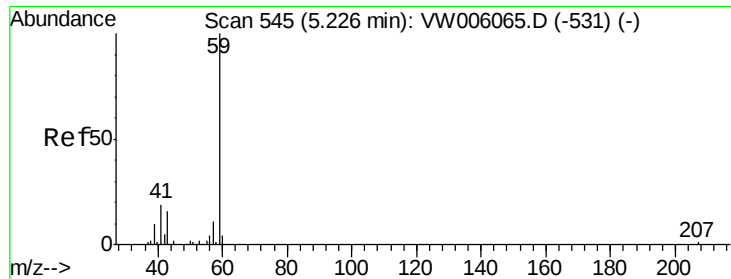
Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	142	Resp:	62901
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.6	50.4
141	14.2	11.6	17.4





#11

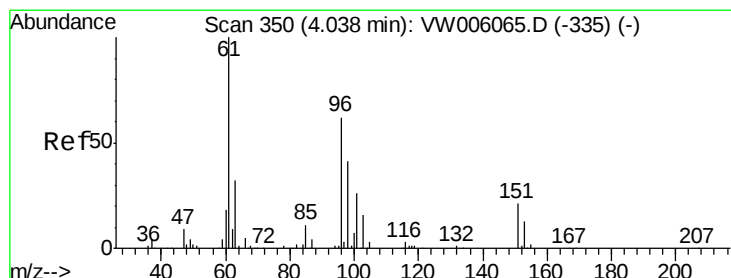
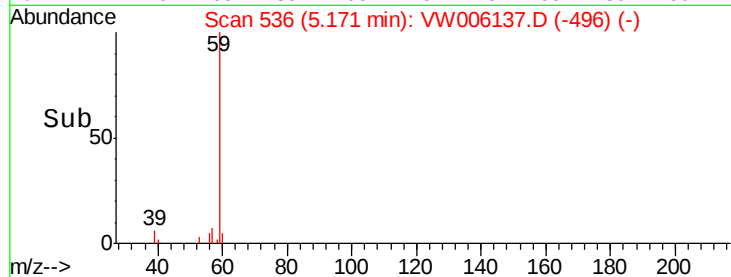
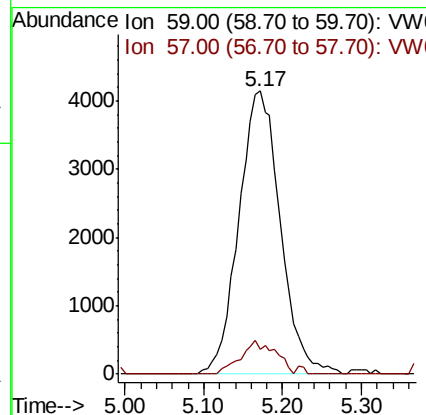
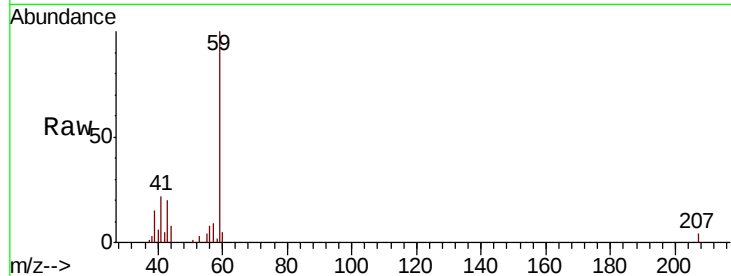
Tert butyl alcohol
Concen: 354.324 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.05 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	59	57	Ratio	100	9.9	Resp	15141	Lower	Upper
59	100								
57		9.9						8.7	13.1

Manual Integrations
APPROVED

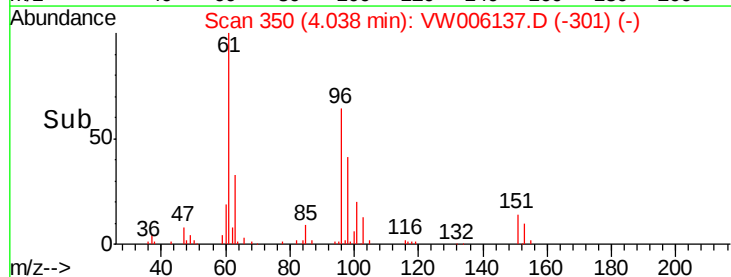
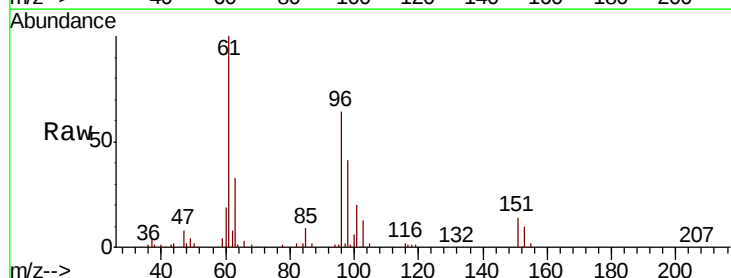
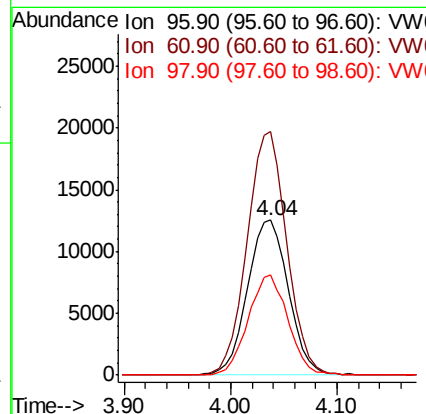
apatel
10/18/2018 4:36:59 PM

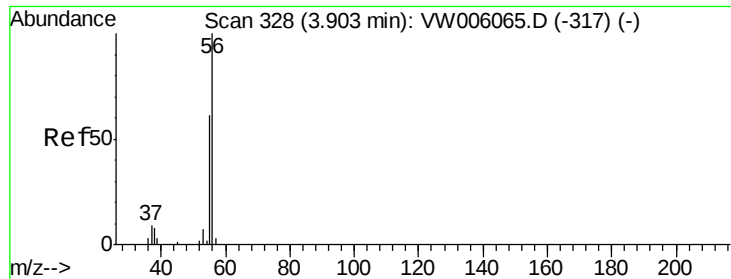


#12

1,1-Dichloroethene
Concen: 52.753 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	96	61	98	Ratio	100	157.3	65.0	Resp	33780	Lower	Upper
96	100										
61		157.3								129.3	193.9
98			65.0							53.1	79.7





#13

Acrolein

Concen: 208.929 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 56 Resp: 8639

Ion Ratio Lower Upper

56 100

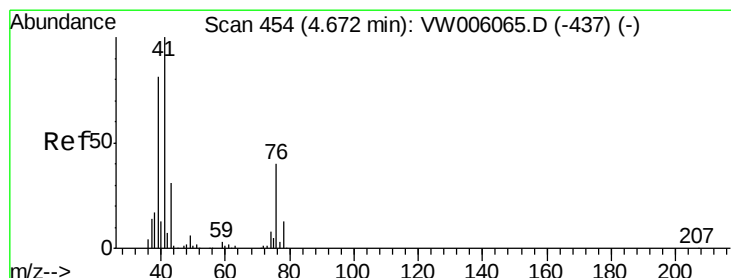
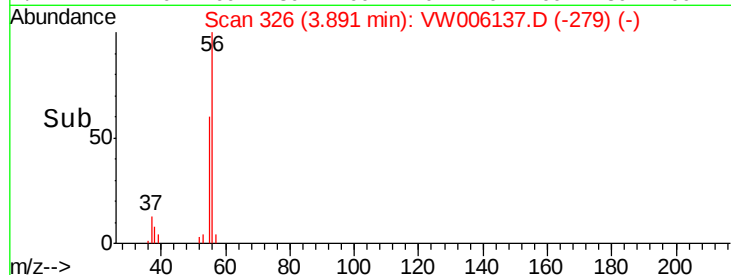
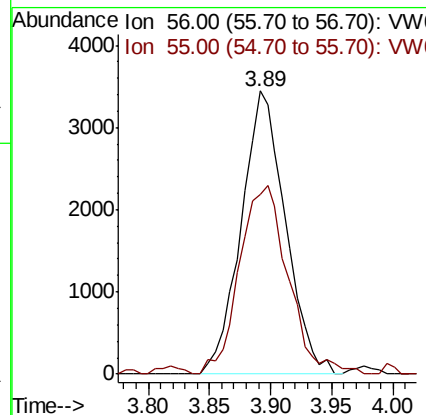
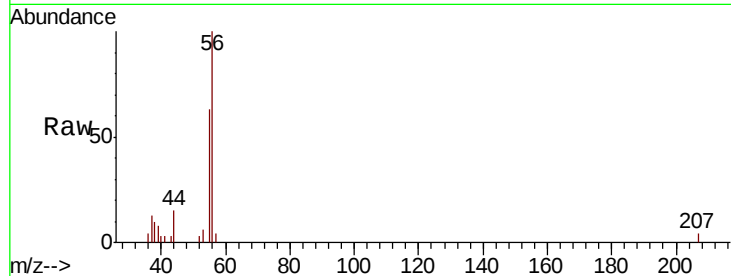
55 73.4 54.5 81.7

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#14

Allyl chloride

Concen: 51.366 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

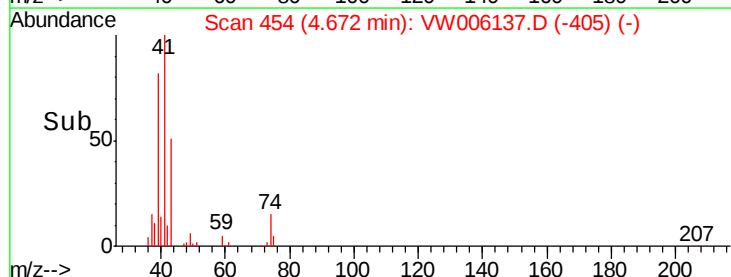
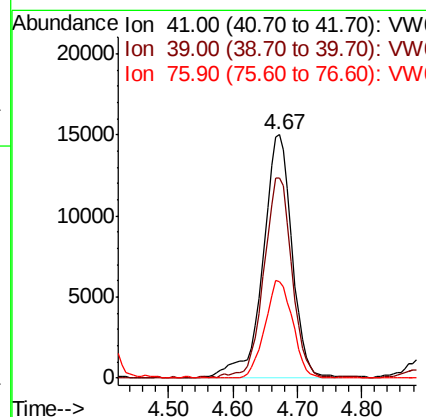
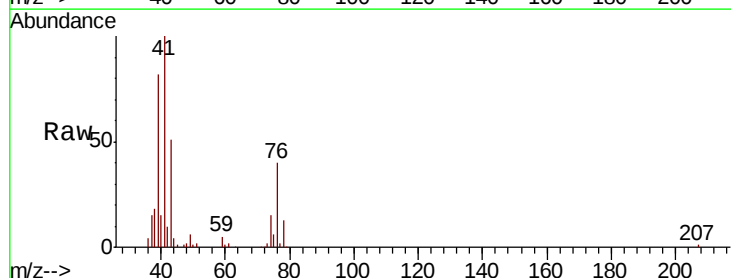
Tgt Ion: 41 Resp: 47030

Ion Ratio Lower Upper

41 100

39 79.8 64.1 96.1

76 38.0 32.2 48.4





#15

Acrylonitrile

Concen: 342.779 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

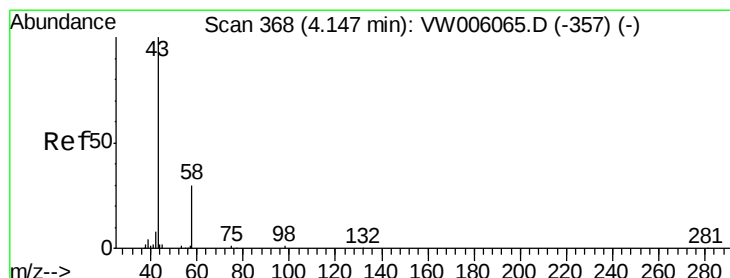
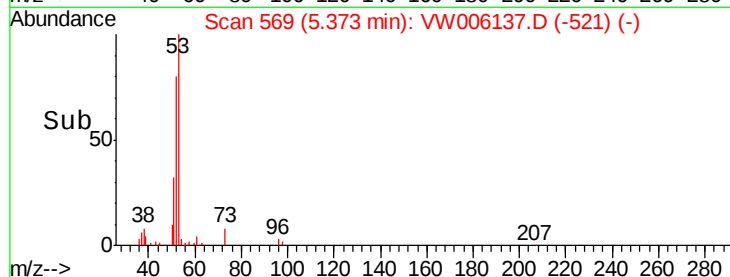
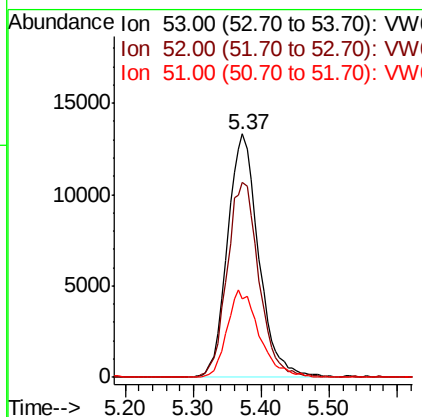
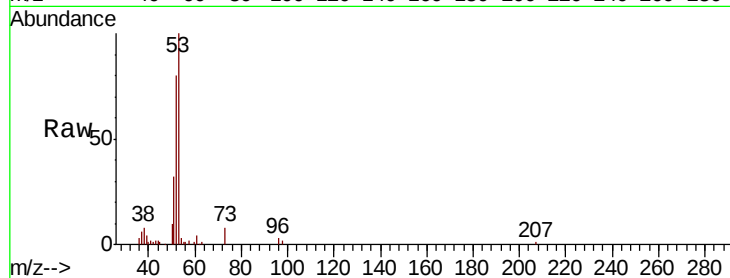
ClientSampleId :

SB-10-5-7FT

Tot Ion:	53	Resp:	42437
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.9	100.3
51	36.9	30.1	45.1

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#16

Acetone

Concen: 504.709 ug/l

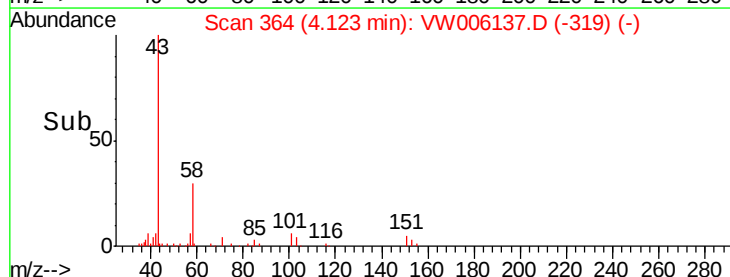
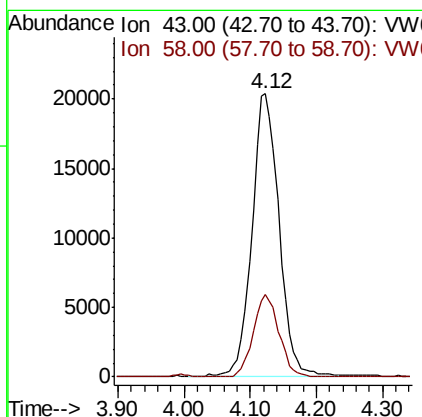
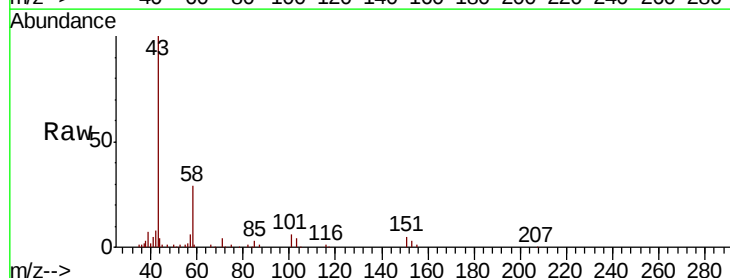
RT: 4.12 min Scan# 364

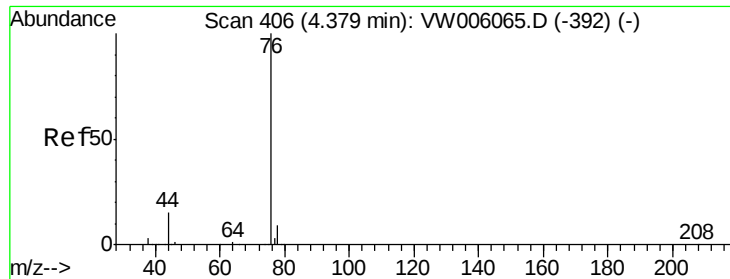
Delta R.T. -0.02 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	43	Resp:	58364
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.0	36.0





#17

Carbon Disulfide

Concen: 49.980 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 76 Resp: 96591

Ion Ratio Lower Upper

76 100

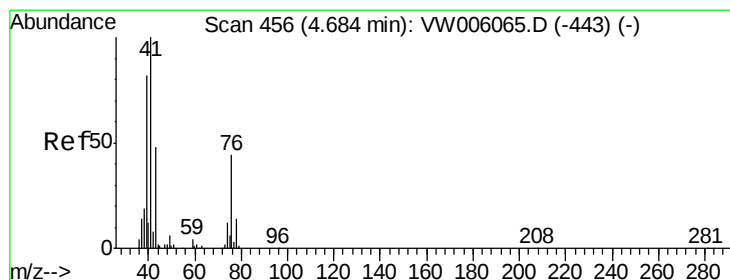
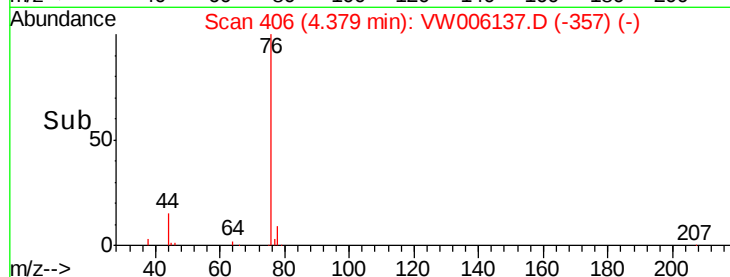
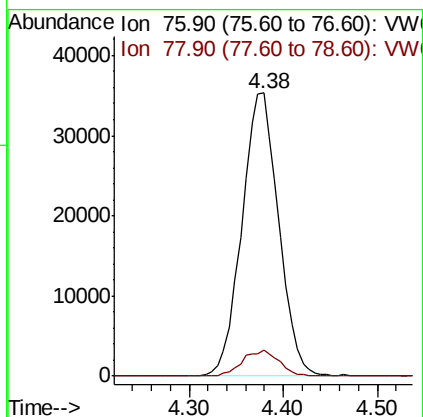
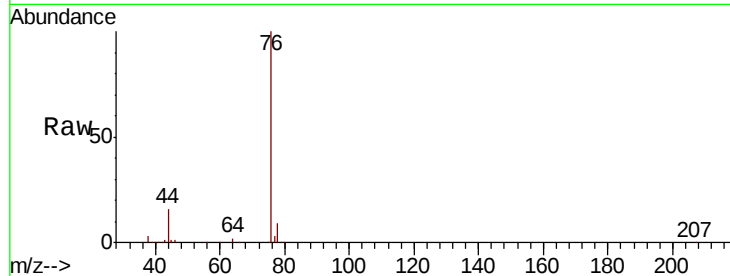
78 9.3 7.5 11.3

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#18

Methyl Acetate

Concen: 74.030 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006137.D

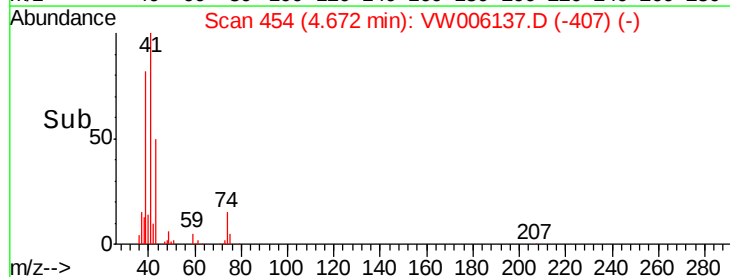
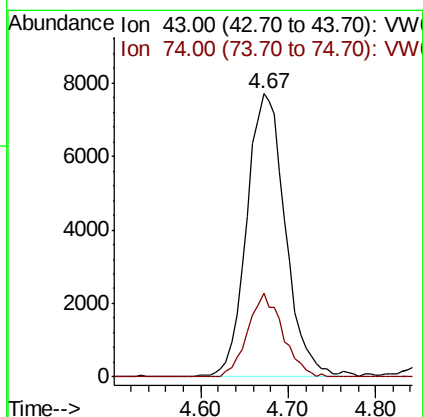
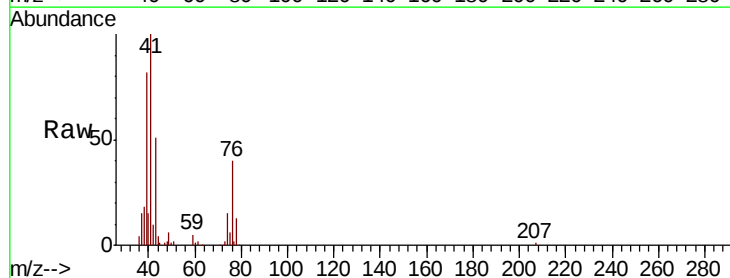
Acq: 17 Oct 2018 19:54

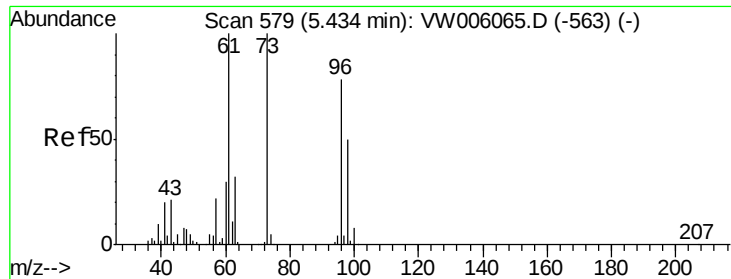
Tgt Ion: 43 Resp: 23671

Ion Ratio Lower Upper

43 100

74 26.7 20.5 30.7





#19

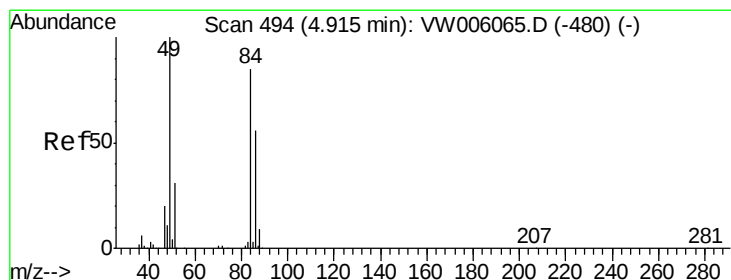
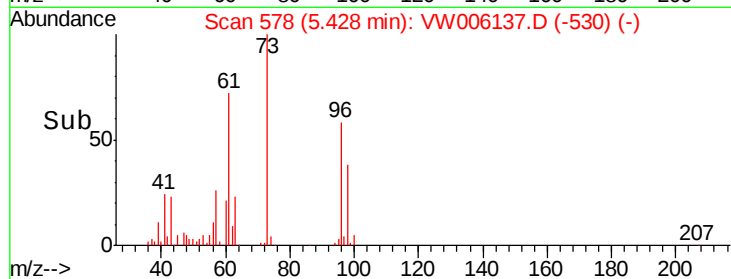
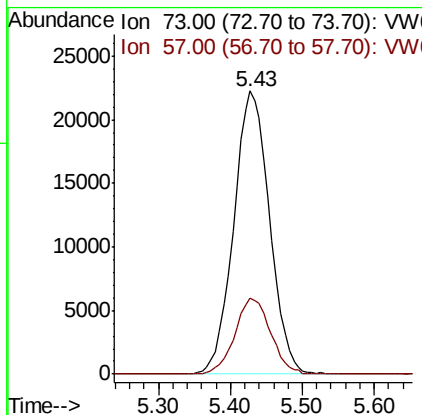
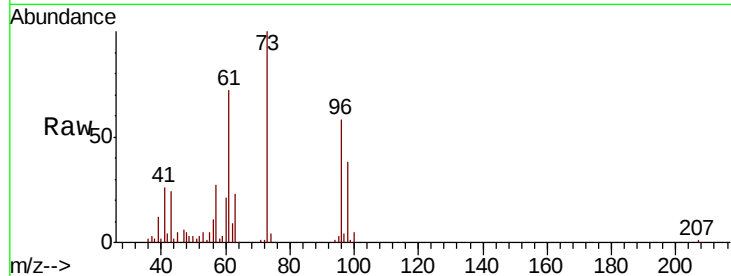
Methyl tert-butyl Ether
 Concen: 78.632 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
73	100		
57	26.8	17.4	26.2#

Manual Integrations
 APPROVED

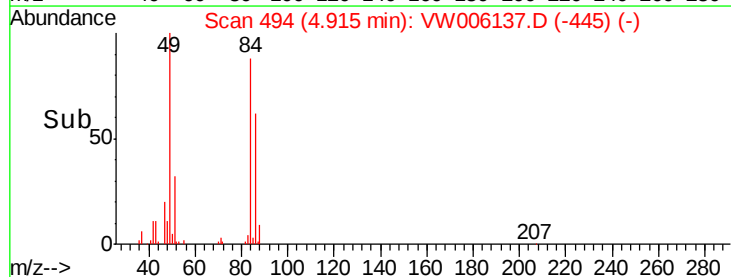
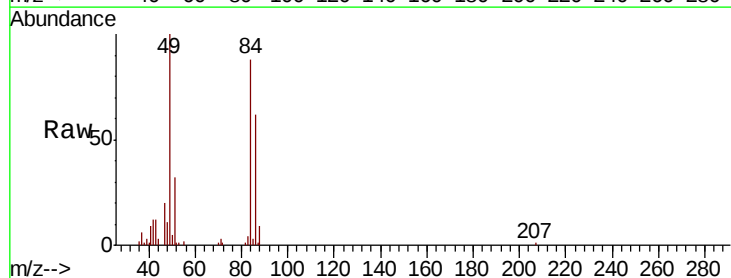
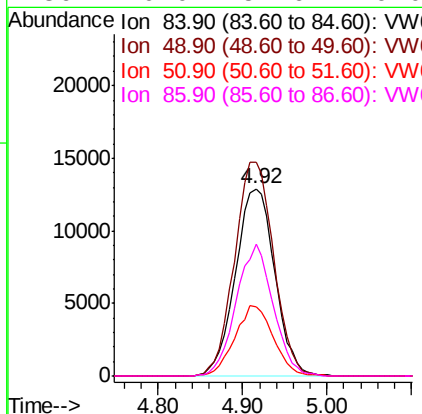
apatel
 10/18/2018 4:36:59 PM

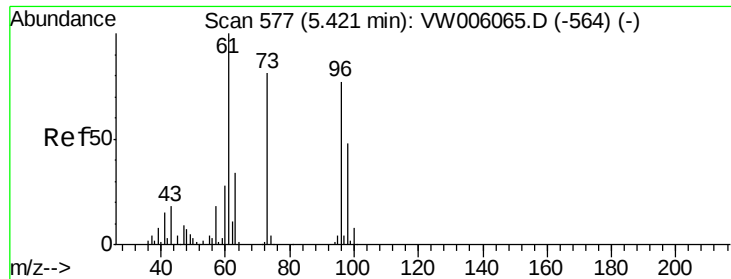


#20

Methylene Chloride
 Concen: 61.076 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.9	93.6	140.4
51	36.7	29.0	43.4
86	70.0	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 54.046 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

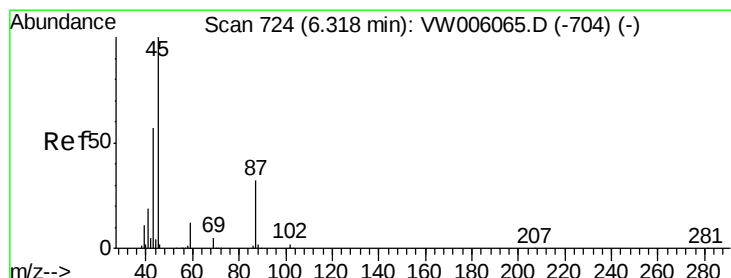
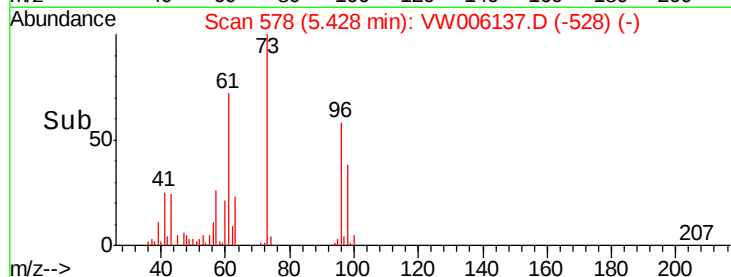
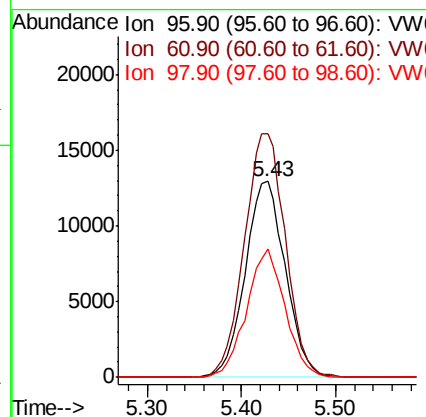
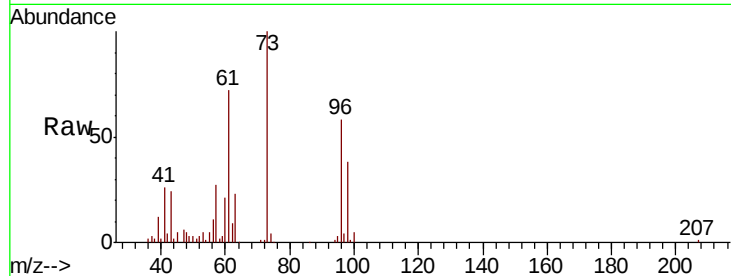
ClientSampleId :

SB-10-5-7FT

Tot Ion:	96	Resp:	38629
Ion	Ratio	Lower	Upper
96	100		
61	124.1	104.5	156.7
98	65.2	50.6	75.8

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#22

Diisopropyl ether

Concen: 59.292 ug/l

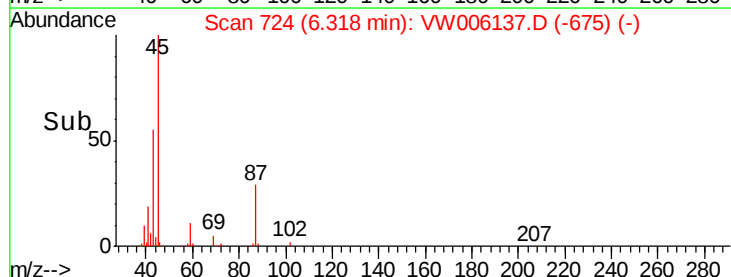
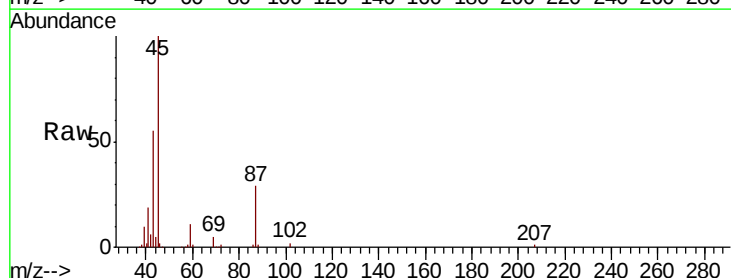
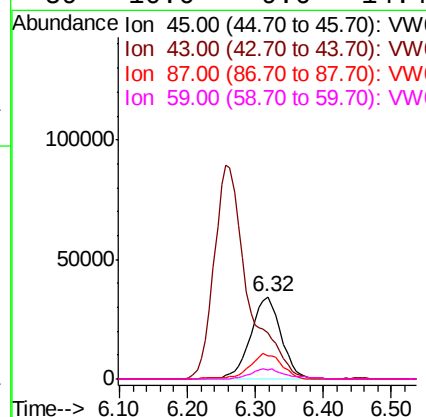
RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	45	Resp:	107279
Ion	Ratio	Lower	Upper
45	100		
43	54.7	45.7	68.5
87	28.7	25.9	38.9
59	10.6	9.6	14.4





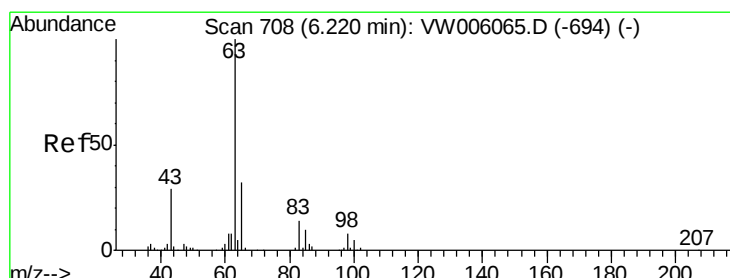
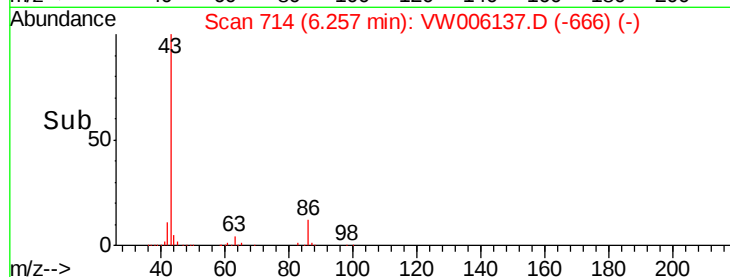
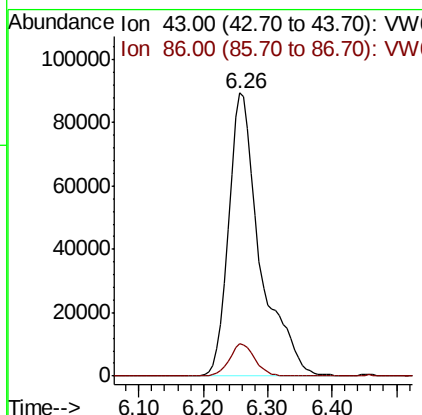
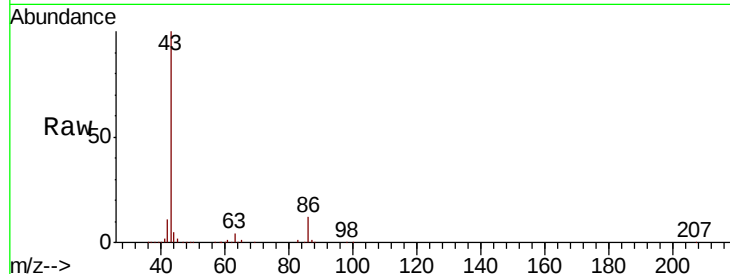
#23
 Vinyl Acetate
 Concen: 286.811 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Resp	Lower	Upper
43	100	306254		
86	11.6		9.0	13.6

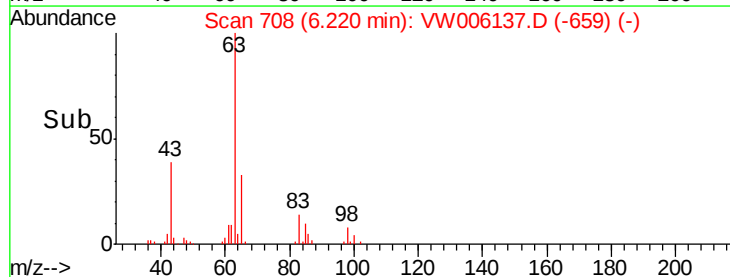
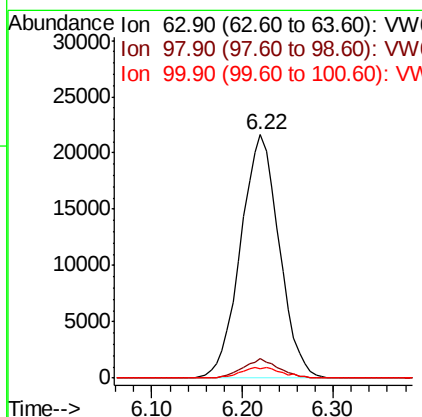
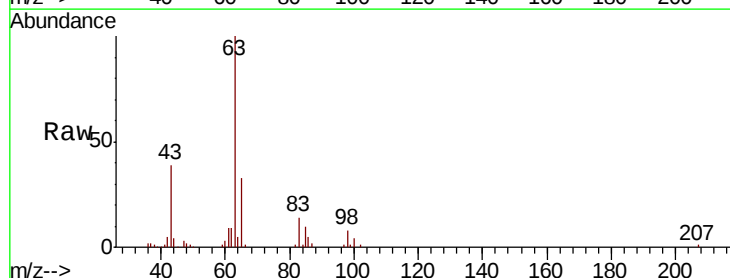
Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:59 PM



#24
 1,1-Dichloroethane
 Concen: 54.440 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	63559		
98	7.9		3.8	11.2
100	4.0		2.5	7.5





#25

2-Butanone

Concen: 381.166 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

Tot Ion: 43 Resp: 65426

Ion Ratio Lower Upper

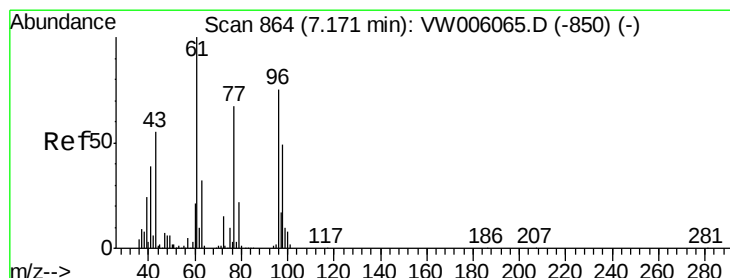
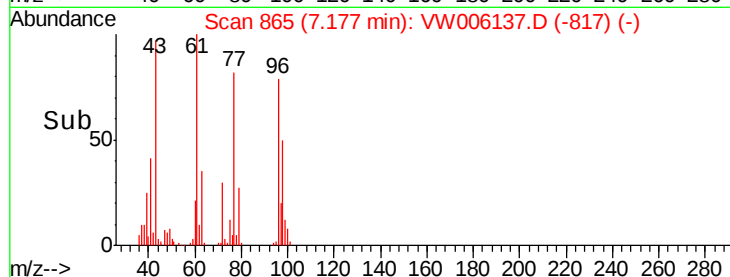
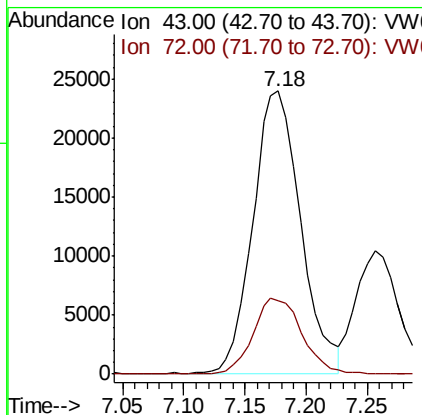
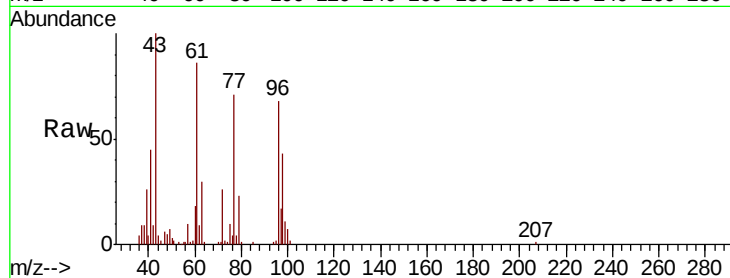
43 100

72 25.8 22.8 34.2

Manual Integrations
APPROVED

apatel

10/18/2018 4:36:59 PM



#26

2,2-Dichloropropane

Concen: 62.859 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006137.D

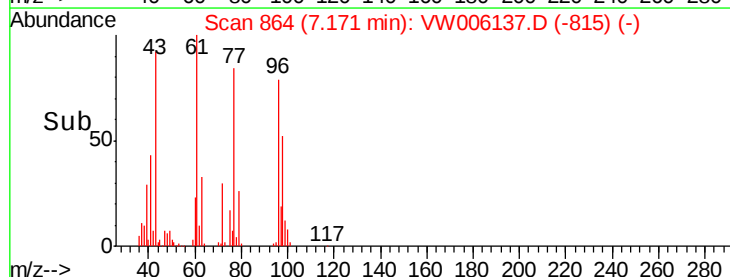
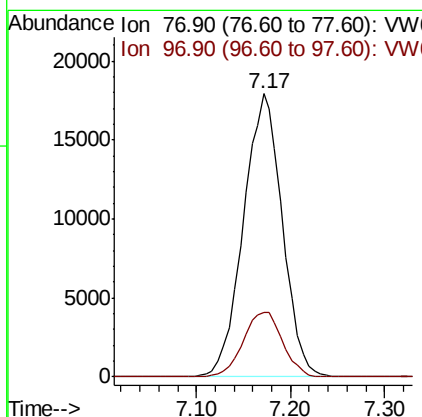
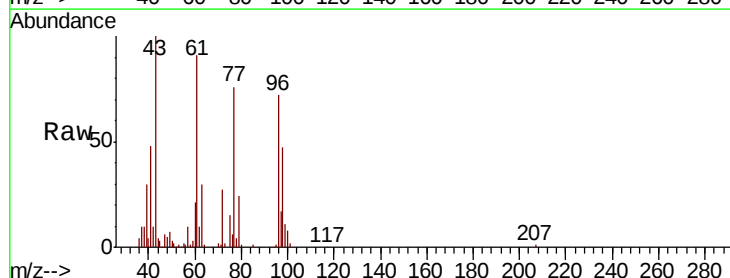
Acq: 17 Oct 2018 19:54

Tgt Ion: 77 Resp: 51760

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.4





#27

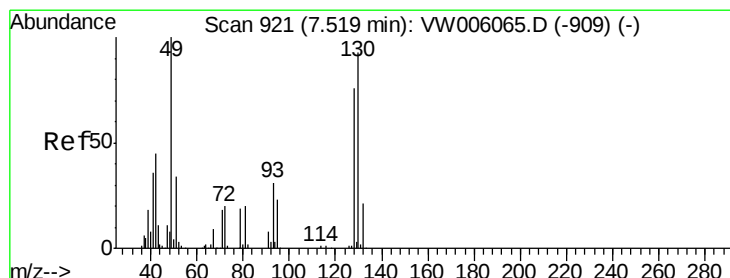
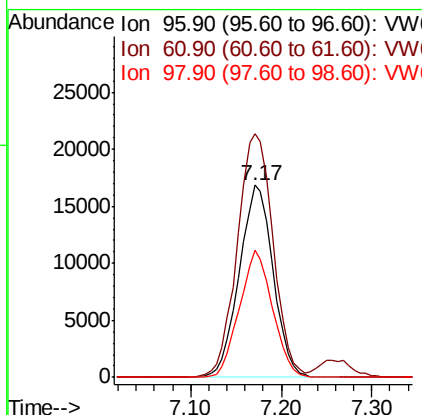
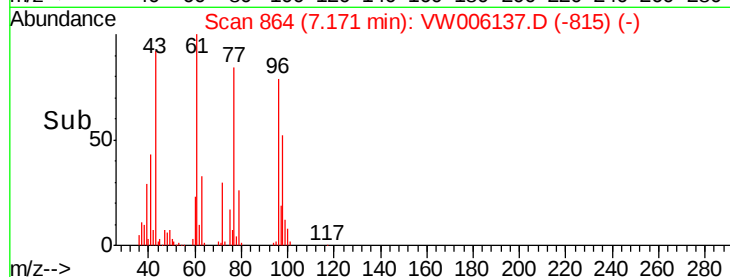
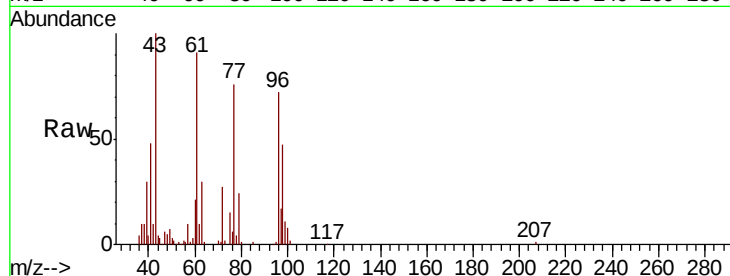
cis-1,2-Dichloroethene
Concen: 55.296 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampled :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	267.2
98	64.3	0.0	128.6

Manual Integrations
APPROVED

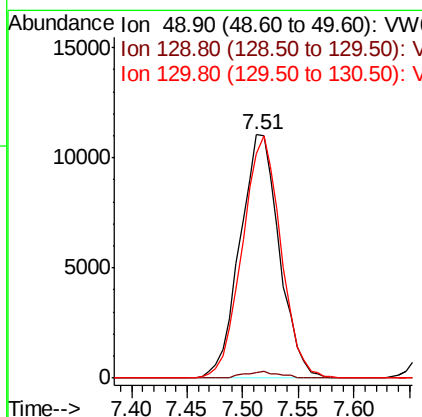
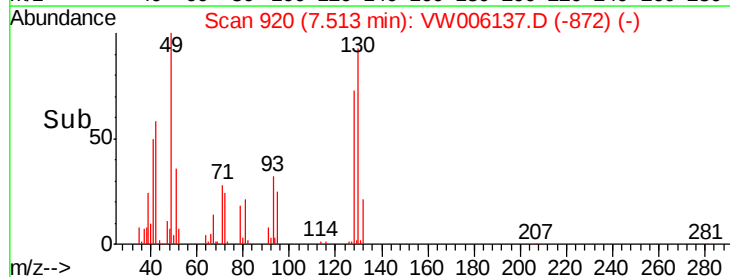
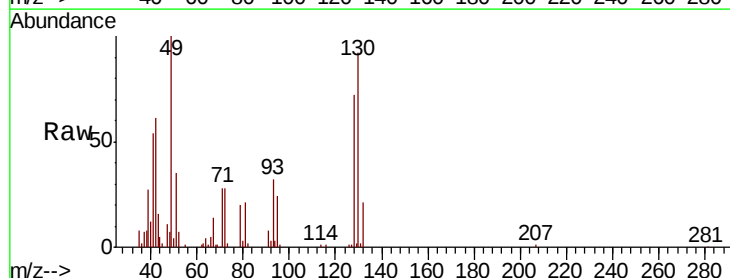
apatel
10/18/2018 4:36:59 PM

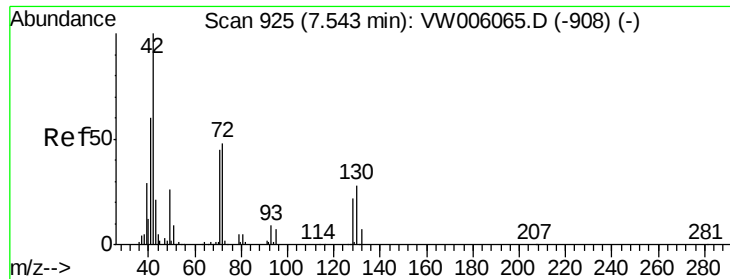


#28

Bromochloromethane
Concen: 60.252 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	97.4	73.8	110.8





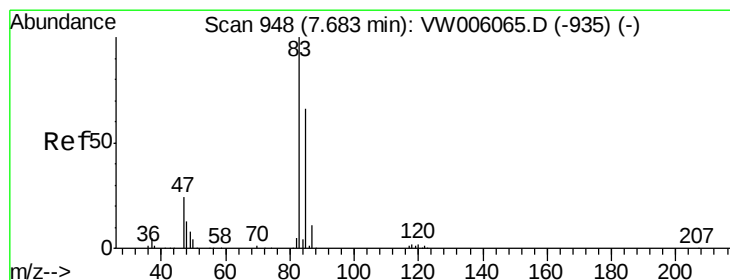
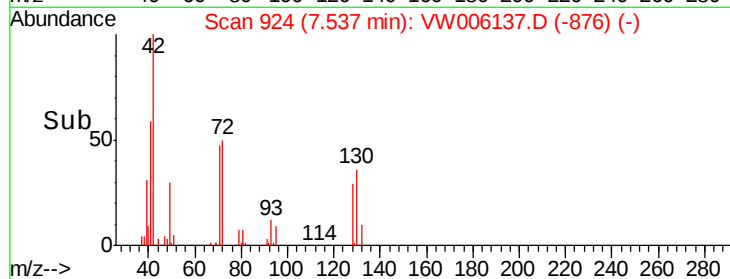
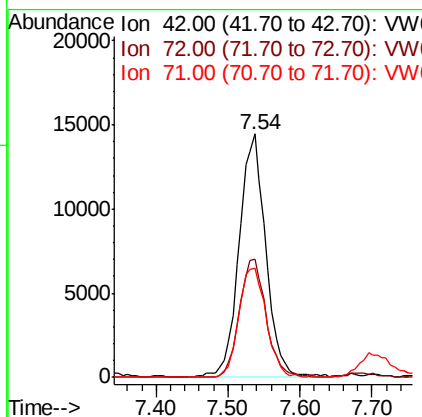
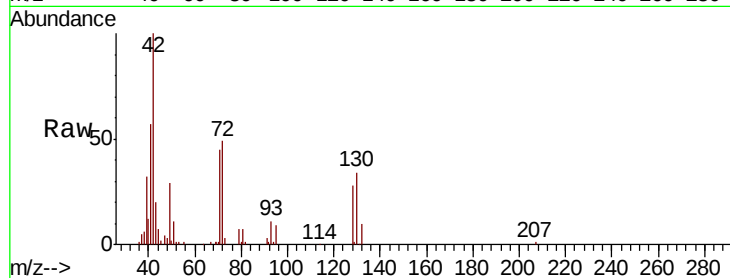
#29
Tetrahydrofuran
Concen: 353.956 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.0	57.0
71	45.9	35.3	52.9

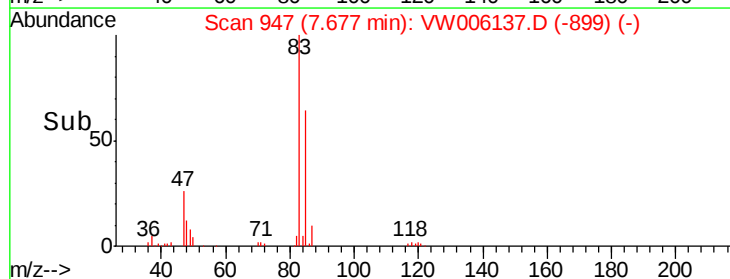
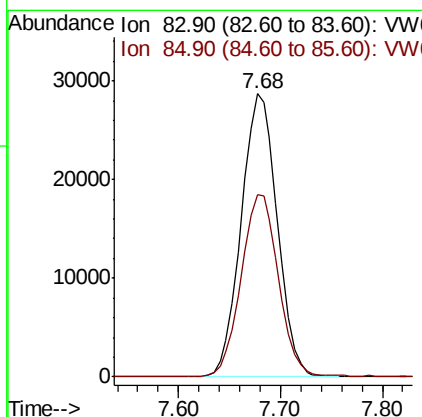
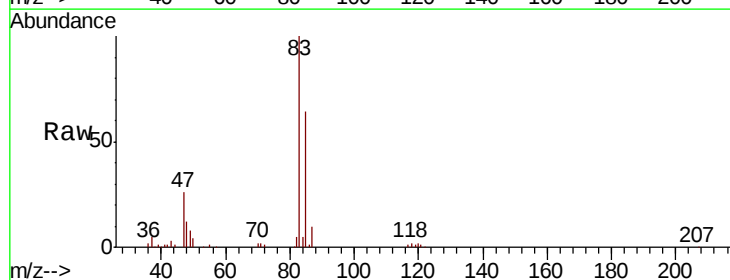
Manual Integrations
APPROVED

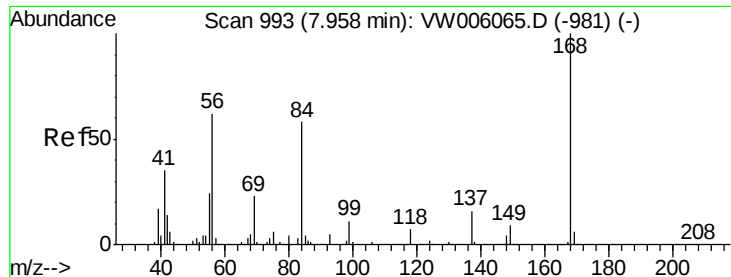
apatel
10/18/2018 4:36:59 PM



#30
Chloroform
Concen: 55.308 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	79.0





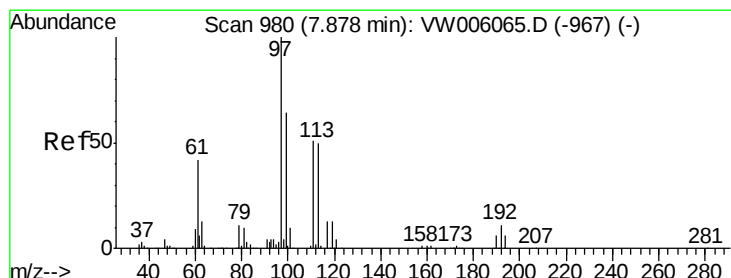
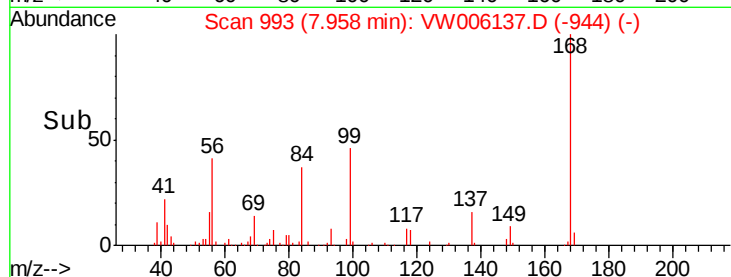
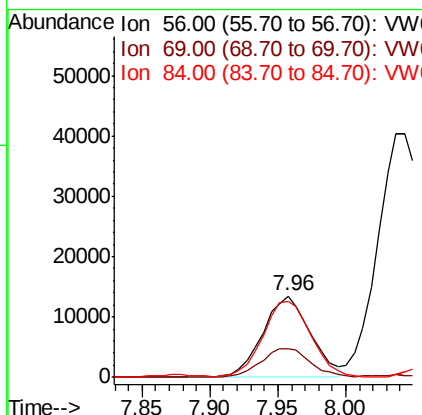
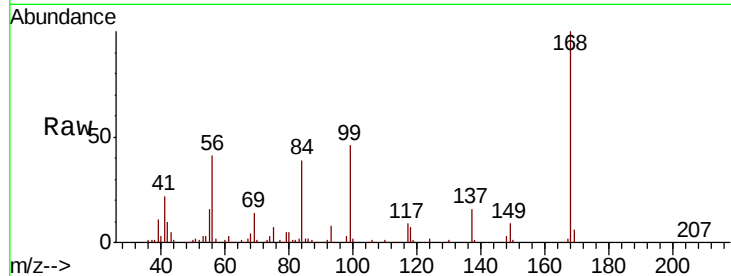
#31
Cyclohexane
Concen: 28.338 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampled :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	29.4	44.0
84	91.2	74.0	111.0

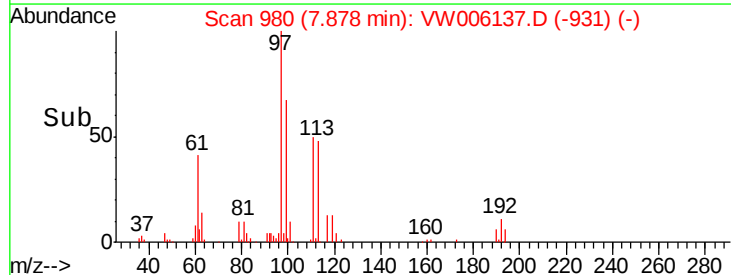
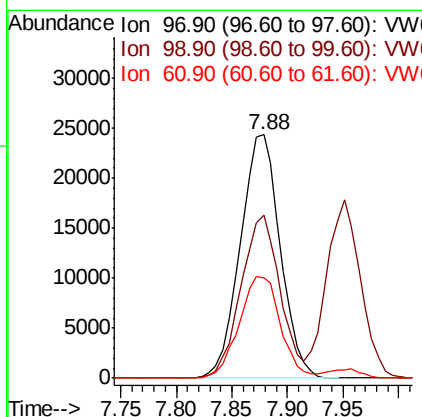
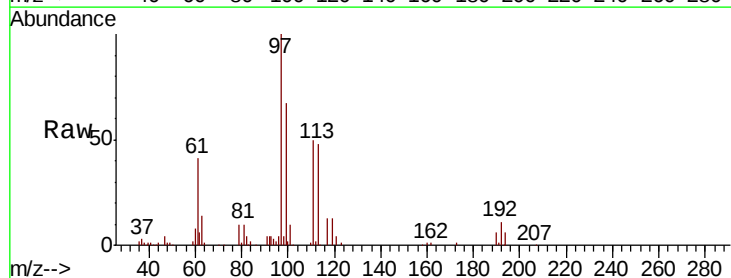
Manual Integrations
APPROVED

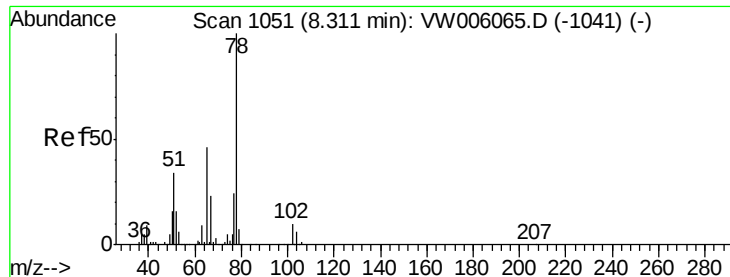
apatel
10/18/2018 4:36:59 PM



#32
1,1,1-Trichloroethane
Concen: 52.869 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.9	76.3
61	43.1	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 57.673 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 65 Resp: 36644

Ion Ratio Lower Upper

65 100

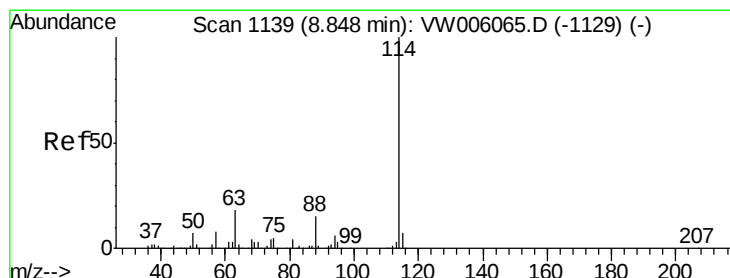
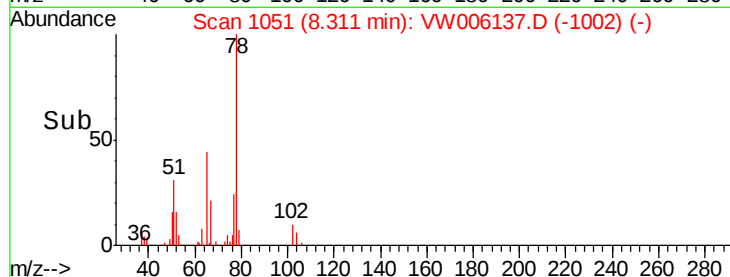
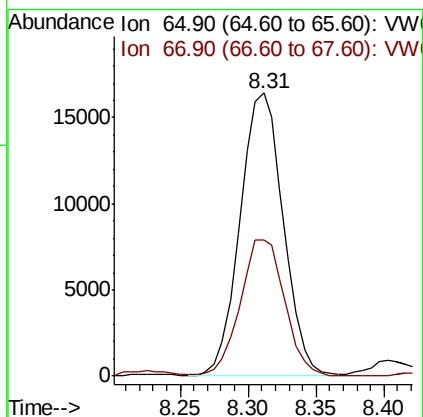
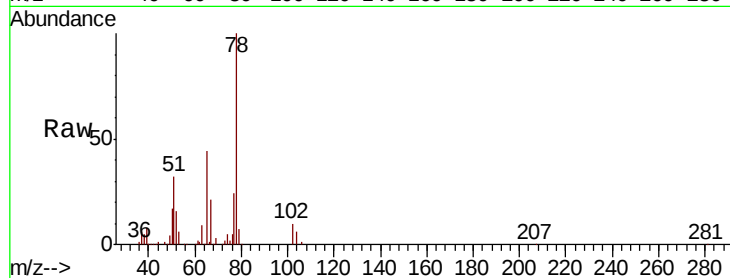
67 49.5 0.0 101.0

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

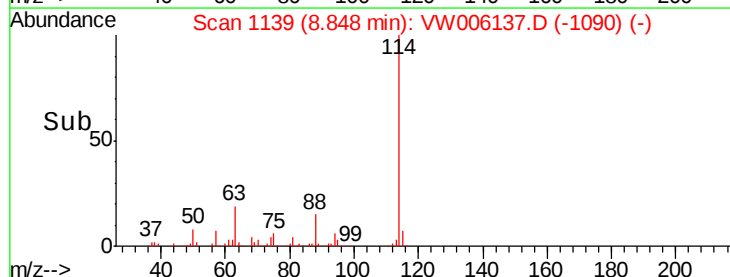
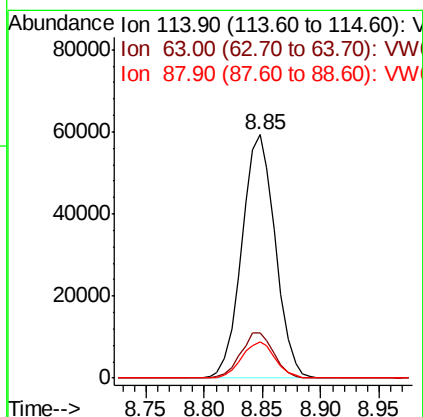
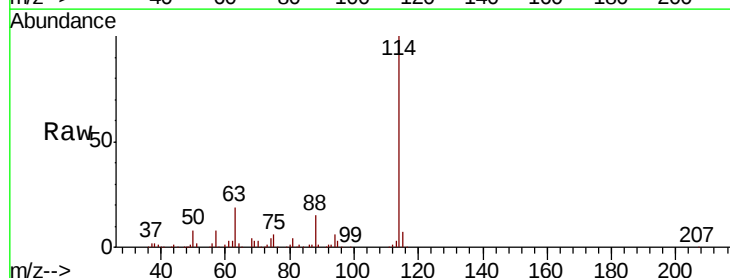
Tgt Ion:114 Resp: 118479

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.037 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

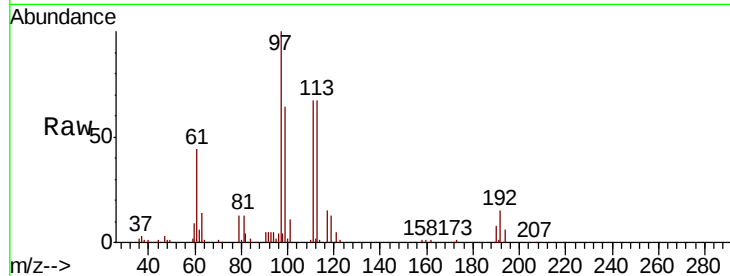
ClientSampleId :

SB-10-5-7FT

Tot Ion:	113	Resp:	34330
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.4	122.0
192	23.2	18.7	28.1

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM

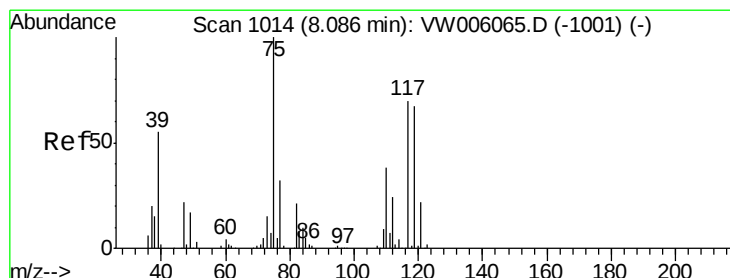
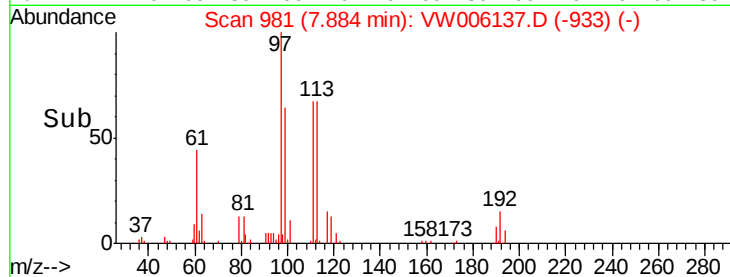
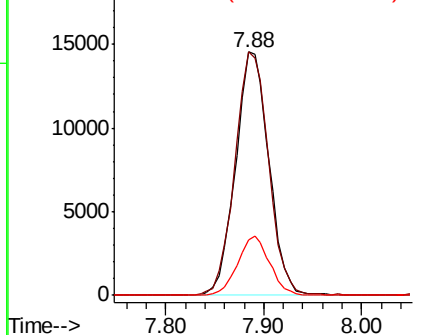


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.529 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

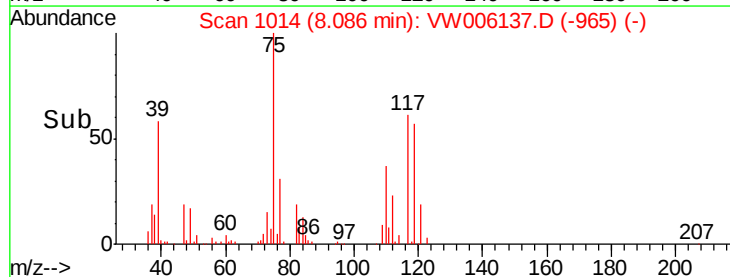
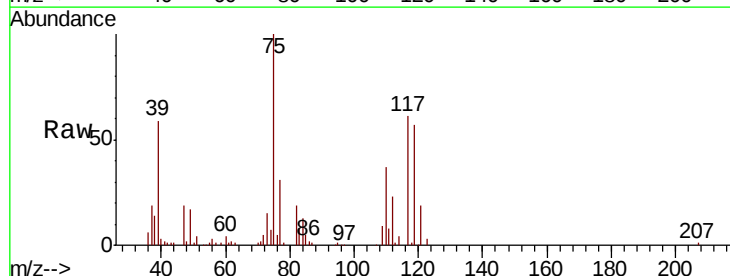
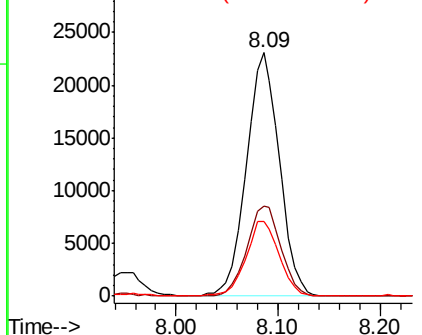
Tgt Ion:	75	Resp:	51904
Ion Ratio	Lower	Upper	
75	100		
110	37.9	19.1	57.1
77	31.0	25.0	37.4

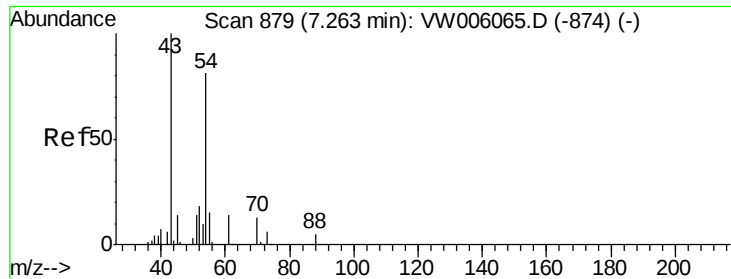
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





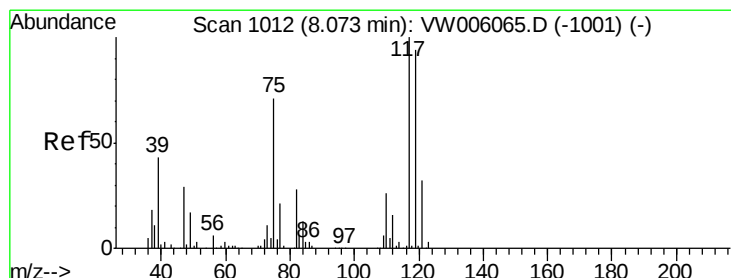
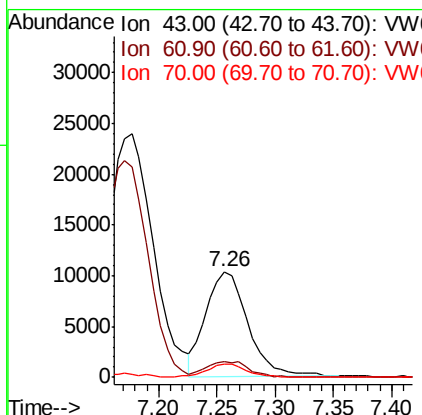
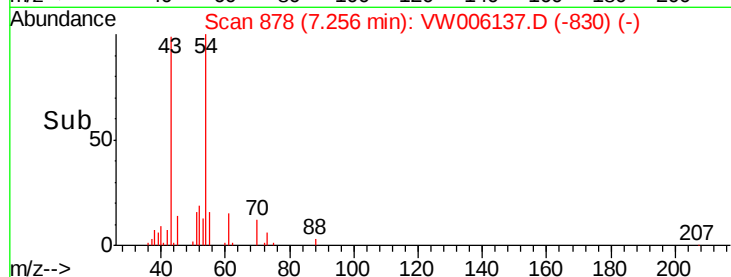
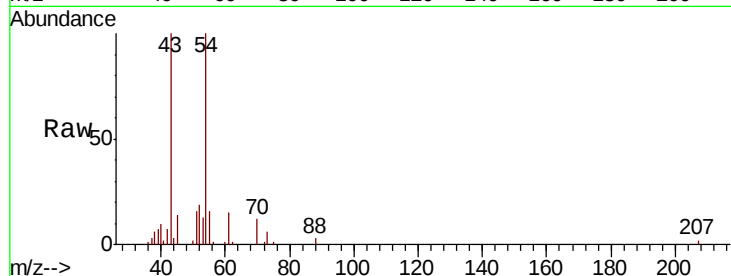
#37
Ethyl Acetate
Concen: 63.743 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	43	Resp	25863
Ion Ratio	100	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	11.8	9.2	13.8

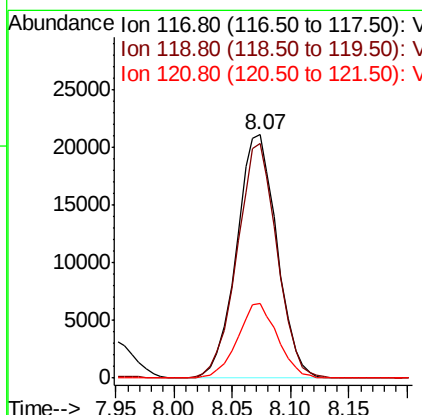
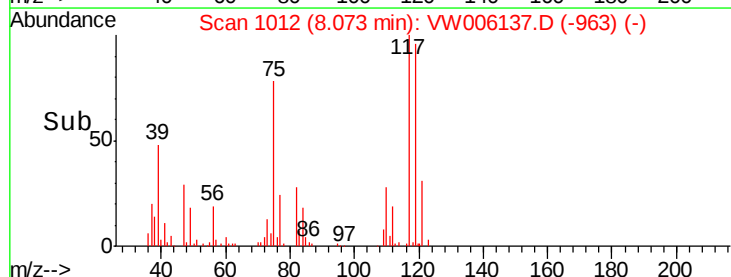
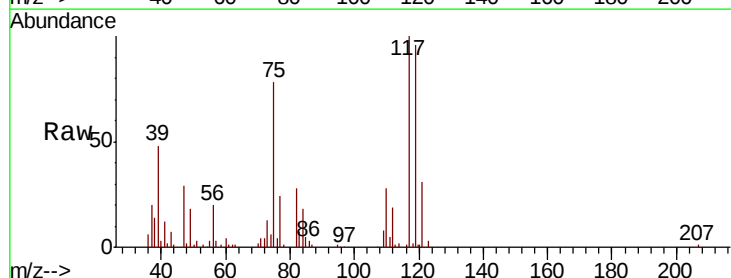
Manual Integrations
APPROVED

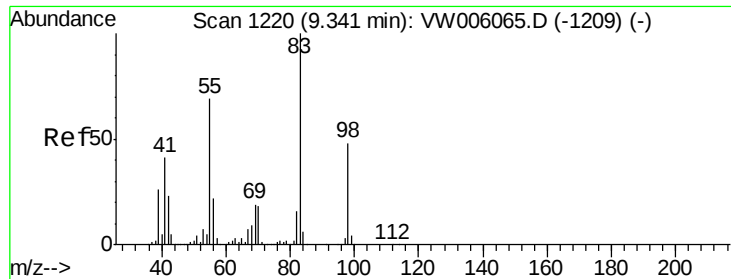
apatel
10/18/2018 4:36:59 PM



#38
Carbon Tetrachloride
Concen: 42.491 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	117	Resp	50868
Ion Ratio	100	Lower	Upper
117	100		
119	96.4	75.2	112.8
121	30.6	25.3	37.9





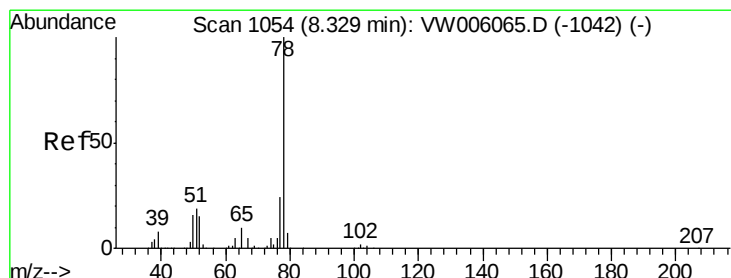
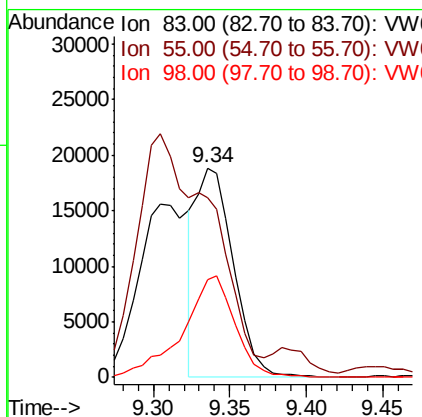
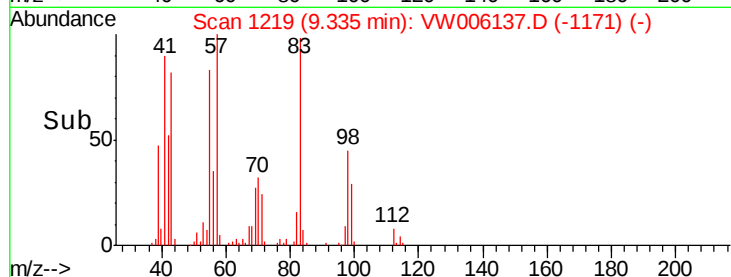
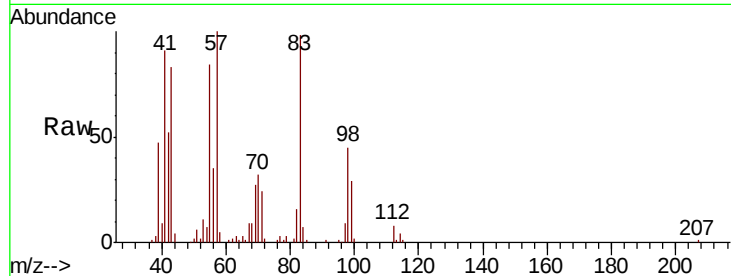
#39
Methvlcvclohexane
Concen: 21.850 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	55.0	82.6#
98	46.6	38.6	57.8

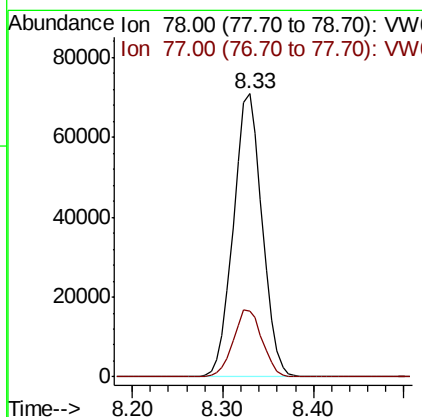
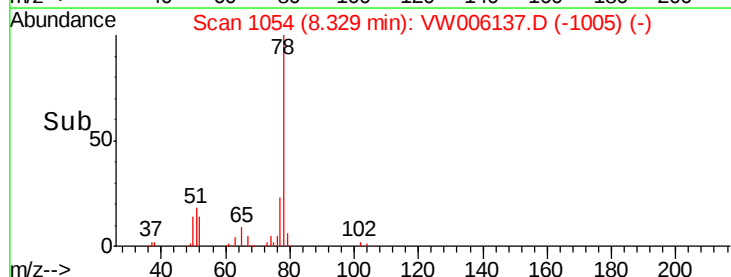
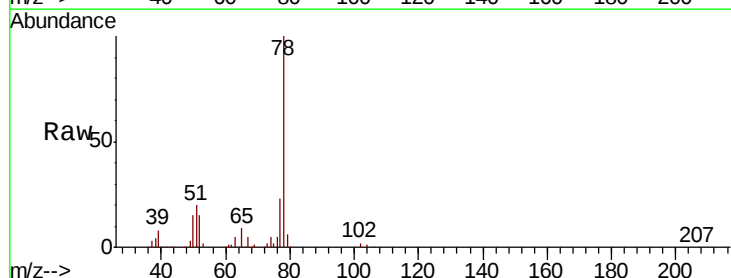
Manual Integrations
APPROVED

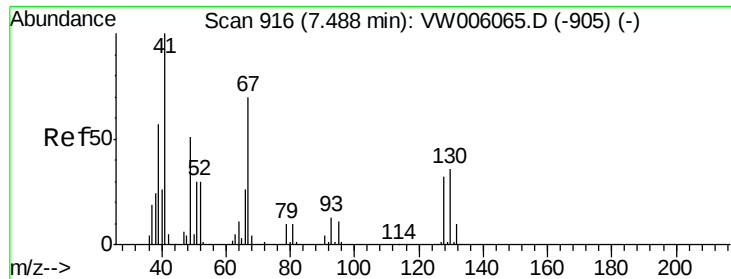
apatel
10/18/2018 4:36:59 PM



#40
Benzene
Concen: 52.133 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





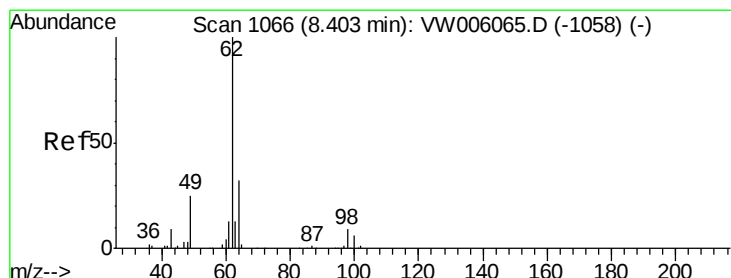
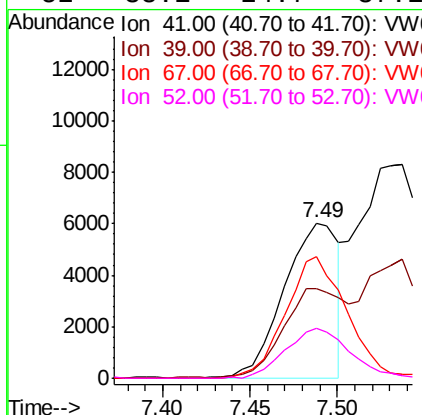
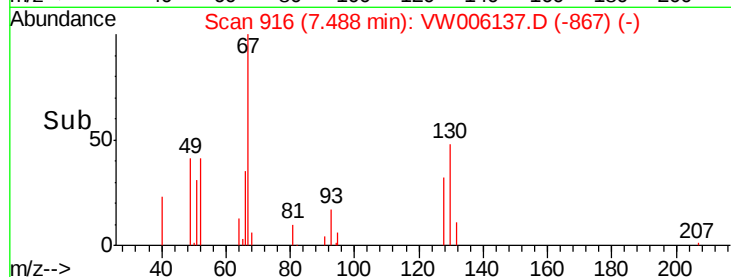
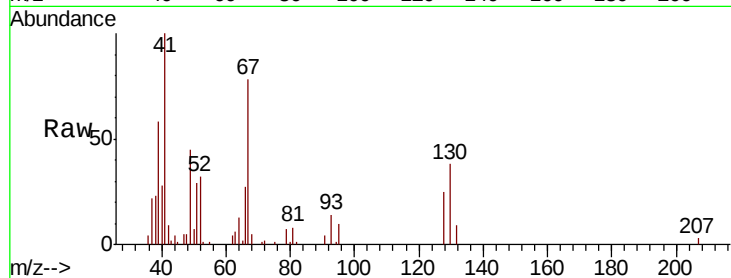
#41
Methacrylonitrile
Concen: 53.276 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.5	46.2	69.4
67	88.7	57.7	86.5#
52	38.1	24.7	37.1#

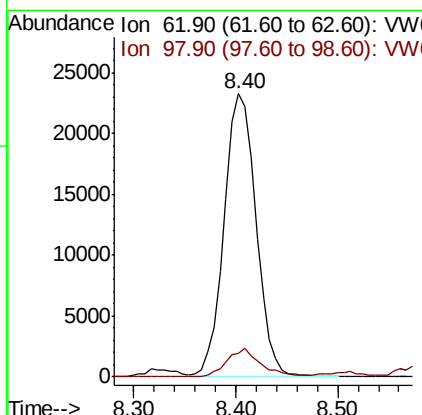
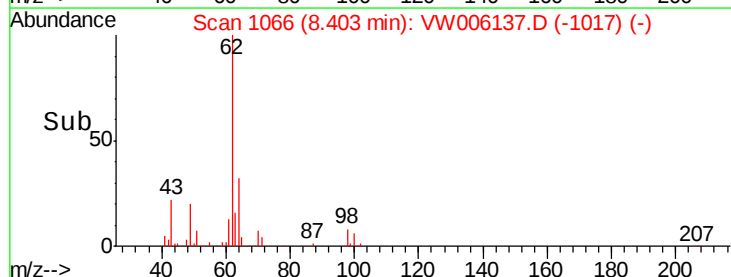
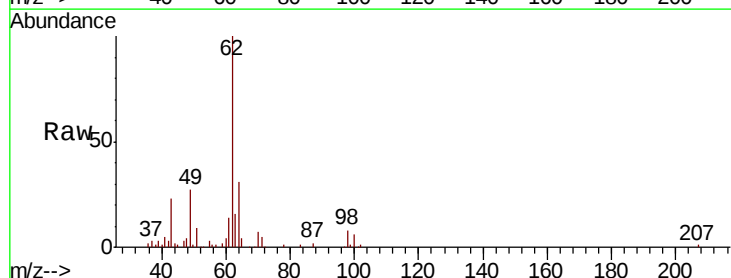
Manual Integrations
APPROVED

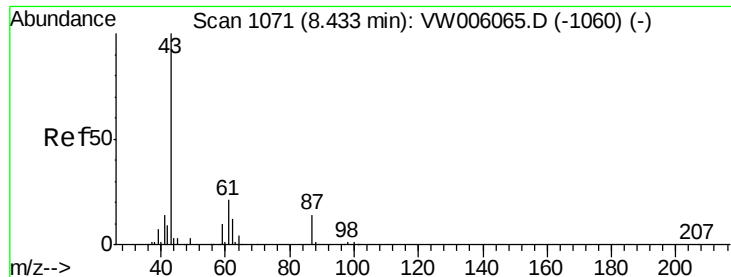
apatel
10/18/2018 4:36:59 PM



#42
1,2-Dichloroethane
Concen: 57.446 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	18.4





#43

Isopropyl Acetate

Concen: 75.970 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

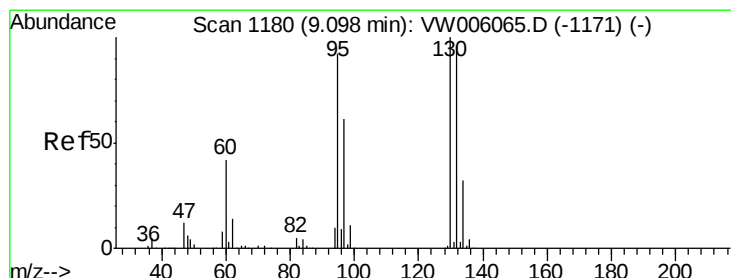
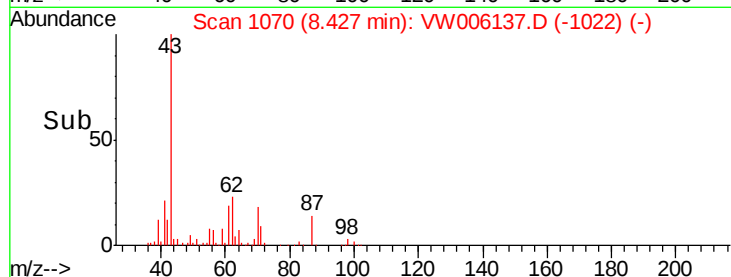
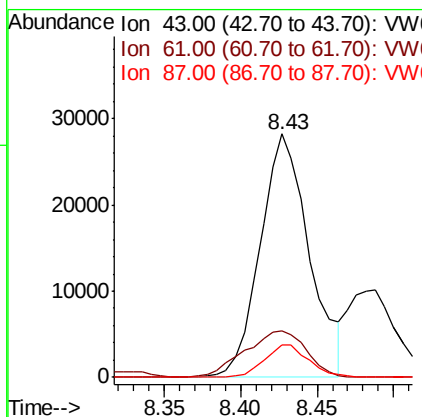
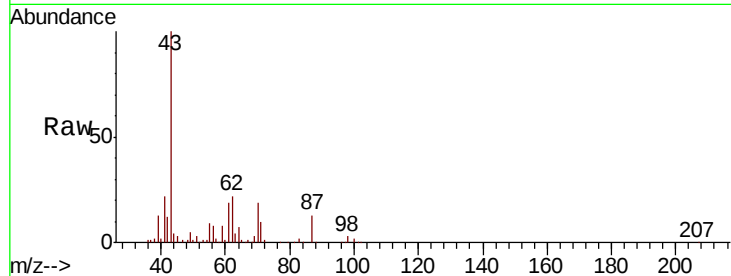
ClientSampleId :

SB-10-5-7FT

Tot Ion:	43	Resp:	63024
Ion	Ratio	Lower	Upper
43	100		
61	24.0	25.5	38.3#
87	12.0	11.7	17.5

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#44

Trichloroethene

Concen: 49.404 ug/l

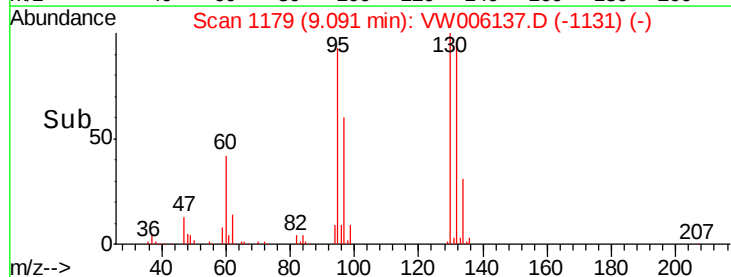
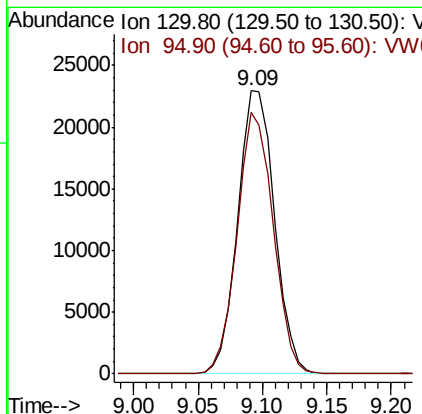
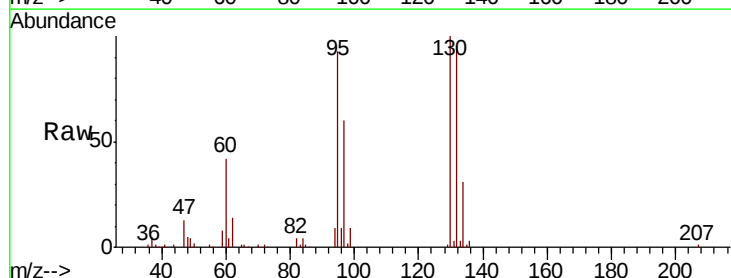
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	130	Resp:	45404
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	183.2





#45

1,2-Dichloropropane

Concen: 53.265 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 63 Resp: 38181

Ion Ratio Lower Upper

63 100

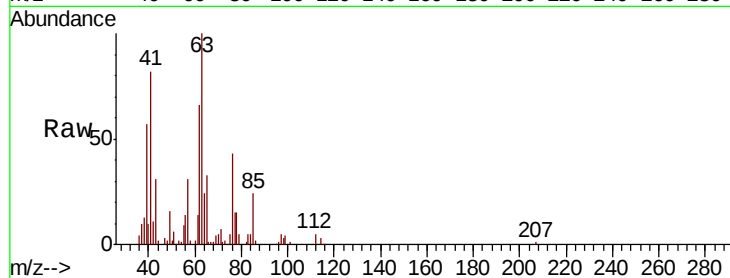
65 32.9 25.4 38.0

Manual Integrations

APPROVED

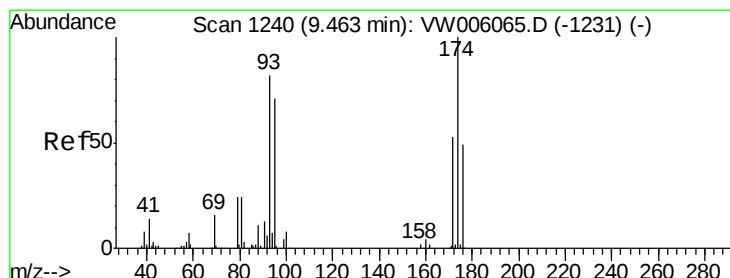
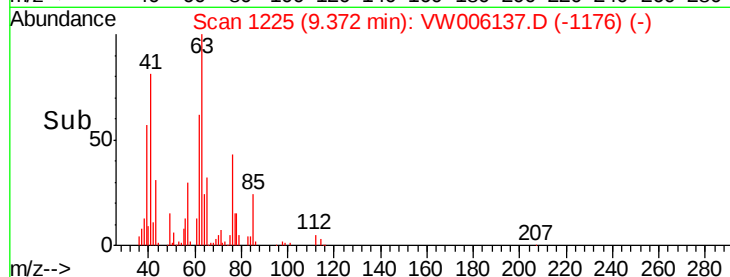
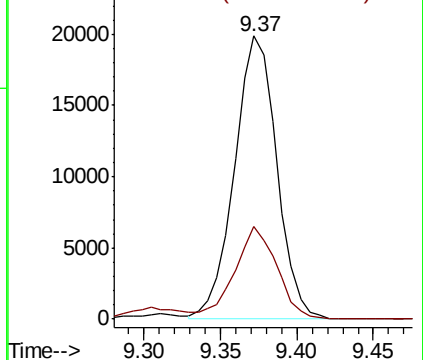
apatel

10/18/2018 4:36:59 PM



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 57.131 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

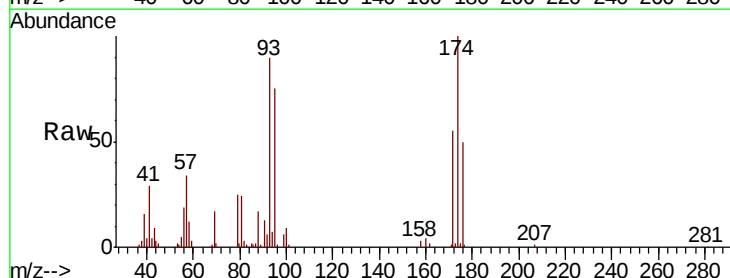
Tgt Ion: 93 Resp: 23341

Ion Ratio Lower Upper

93 100

95 83.2 67.7 101.5

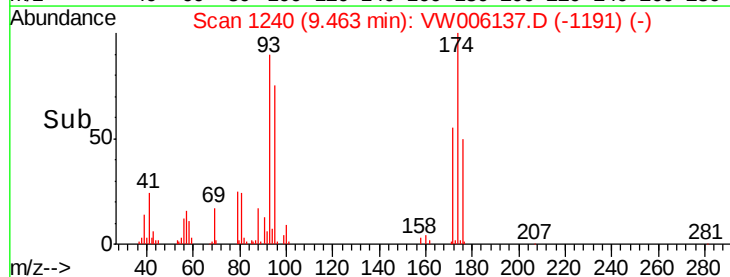
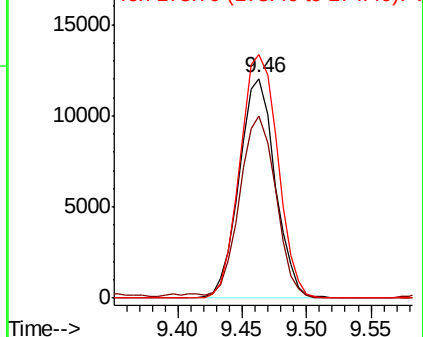
174 116.6 93.7 140.5

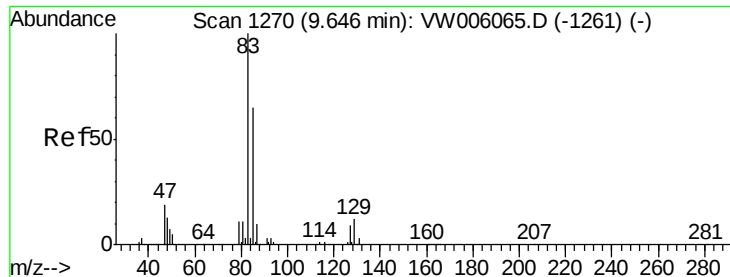


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.576 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

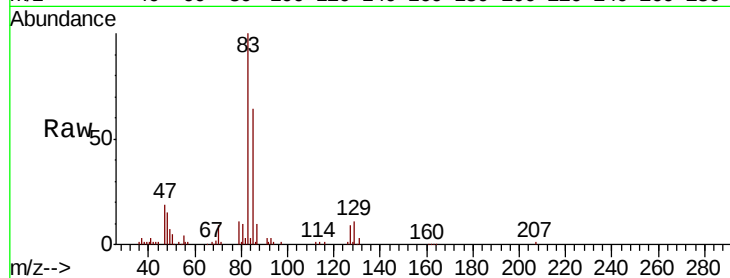
ClientSampleId :

SB-10-5-7FT

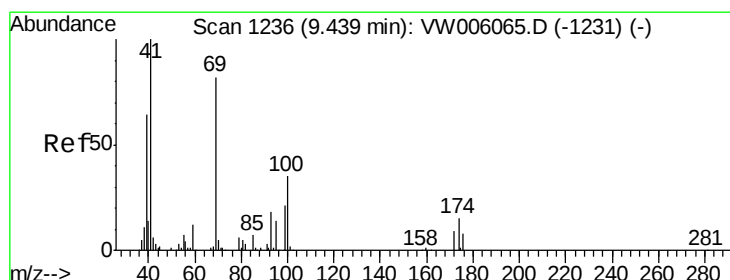
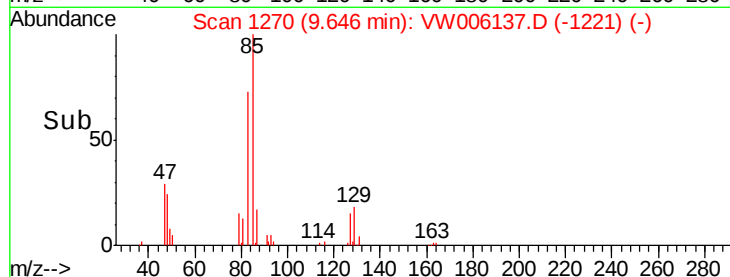
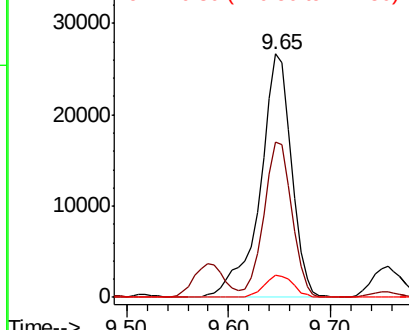
Tot Ion:	83	Resp:	57030
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8
127	9.1	6.9	10.3

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 74.380 ug/l

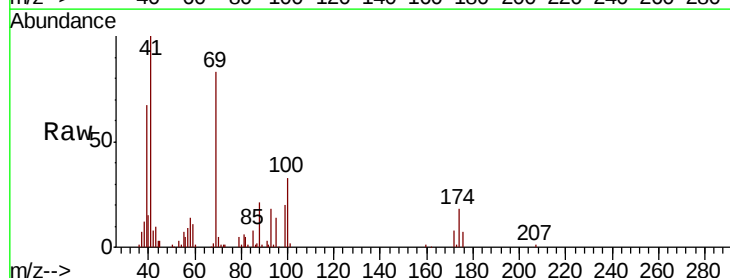
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

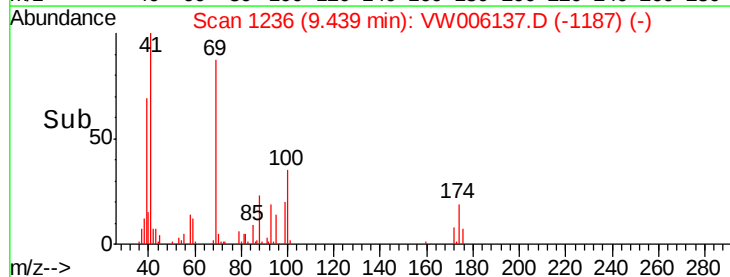
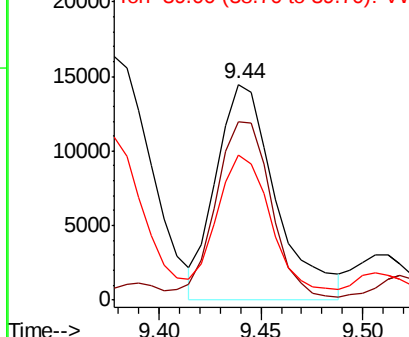
Lab File: VW006137.D

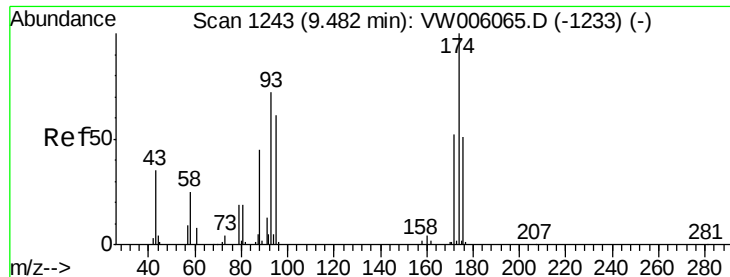
Acq: 17 Oct 2018 19:54

Tgt Ion:	41	Resp:	29249
Ion	Ratio	Lower	Upper
41	100		
69	78.8	71.8	107.8
39	63.9	52.5	78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





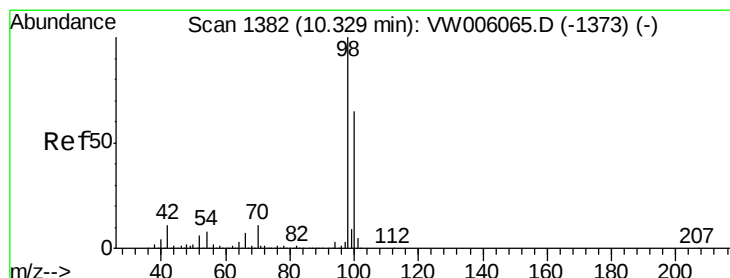
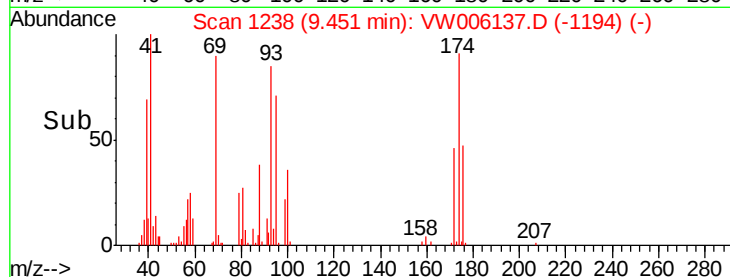
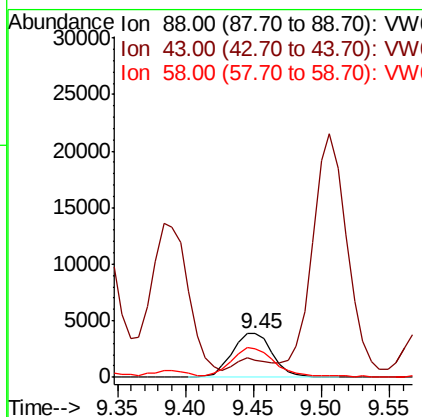
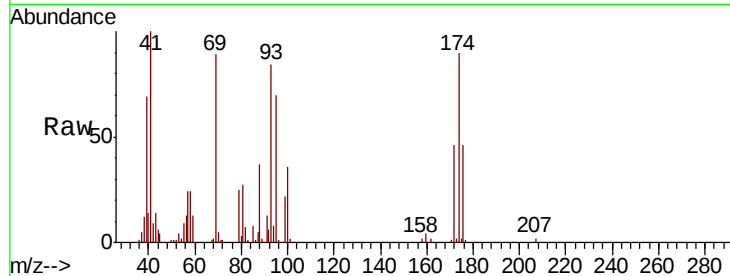
#49
1,4-Dioxane
Concen: 1278.795 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	88	Resp	8043
Ion Ratio	Lower	Upper	
88	100		
43	41.7	0.0	0.0#
58	75.1	51.2	76.8

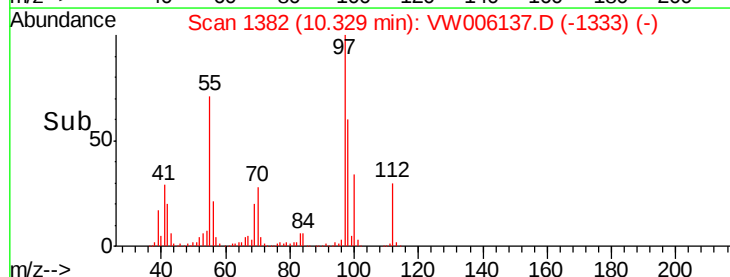
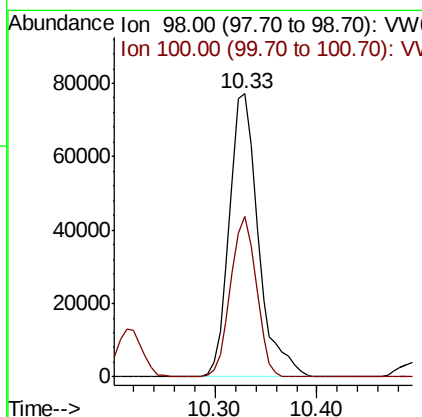
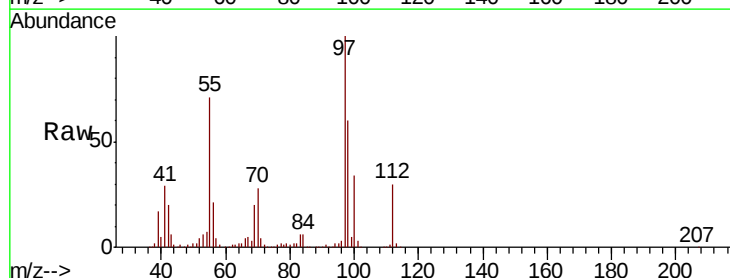
Manual Integrations
APPROVED

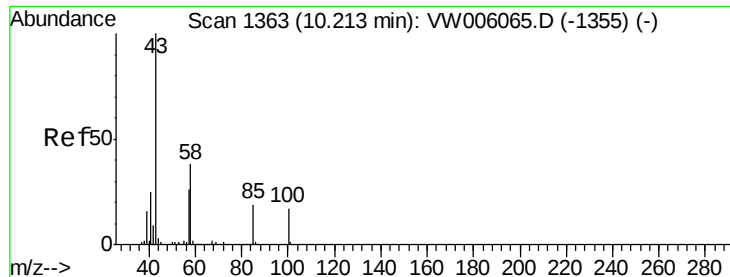
apatel
10/18/2018 4:36:59 PM



#50
Toluene-d8
Concen: 57.029 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	98	Resp	151896
Ion Ratio	Lower	Upper	
98	100		
100	50.4	51.6	77.4#





#51

4-Methyl-2-Pentanone

Concen: 338.197 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 43 Resp: 140573

Ion Ratio Lower Upper

43 100

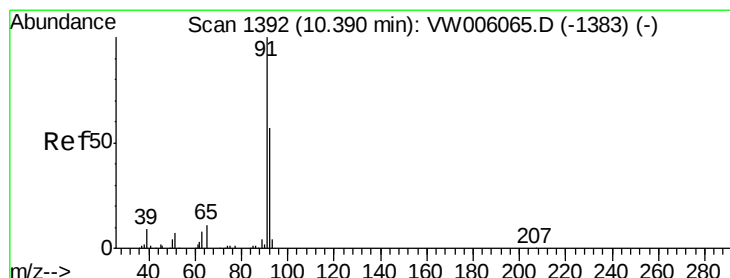
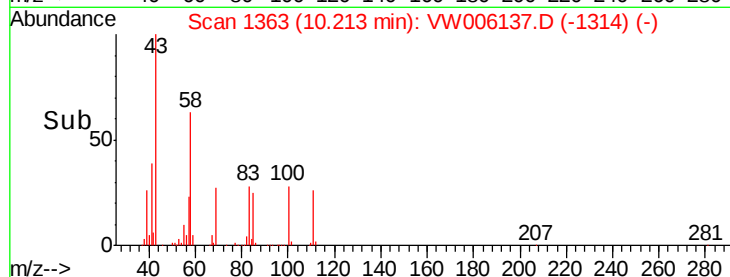
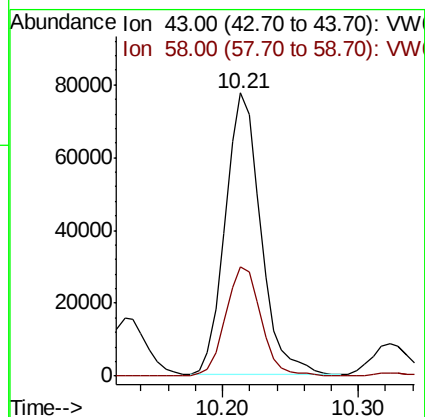
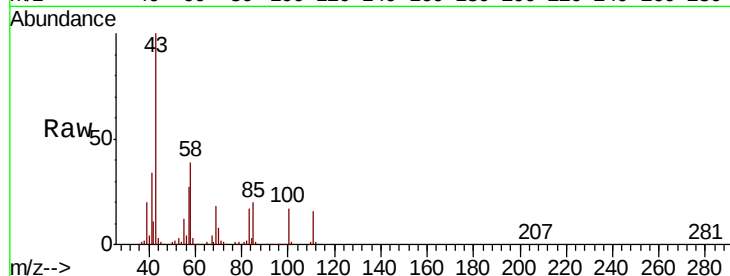
58 39.0 31.5 47.3

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#52

Toluene

Concen: 47.391 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006137.D

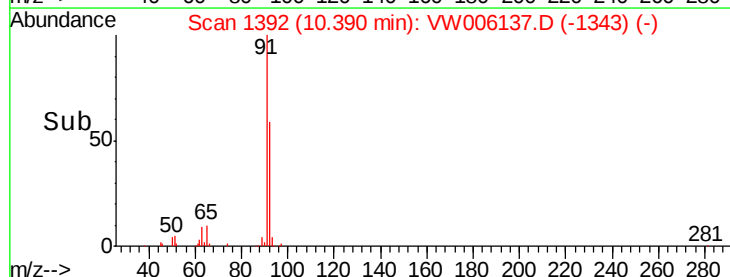
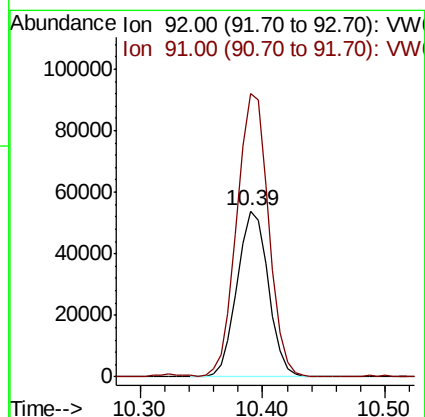
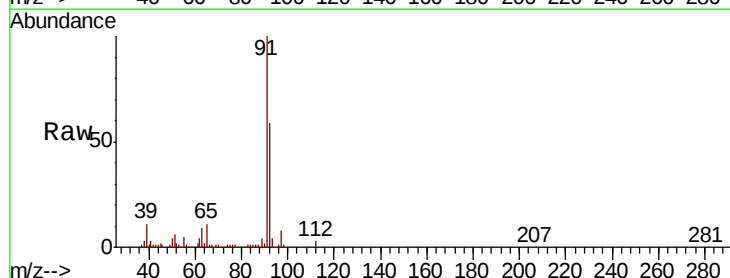
Acq: 17 Oct 2018 19:54

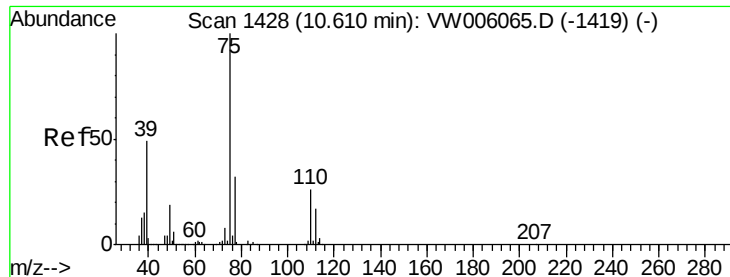
Tgt Ion: 92 Resp: 95176

Ion Ratio Lower Upper

92 100

91 172.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 50.216 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 75 Resp: 49557

Ion Ratio Lower Upper

75 100

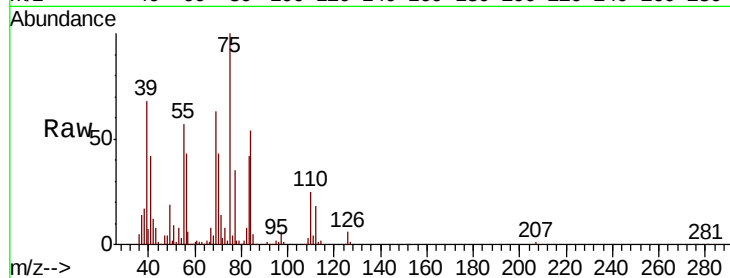
77 34.7 25.4 38.2

Manual Integrations

APPROVED

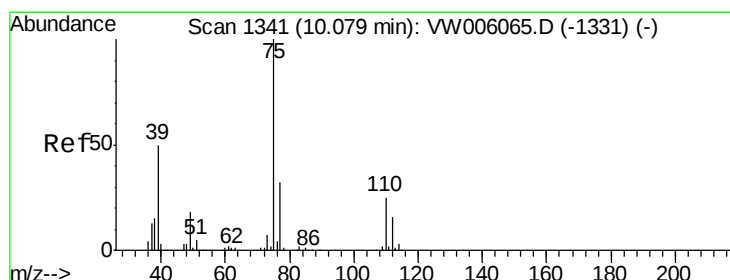
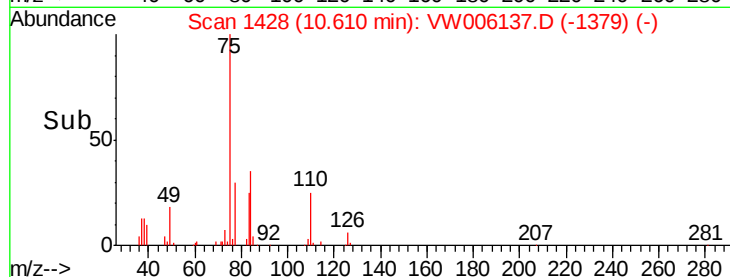
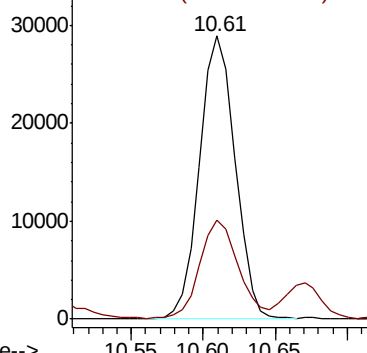
apatel

10/18/2018 4:36:59 PM



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 49.920 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

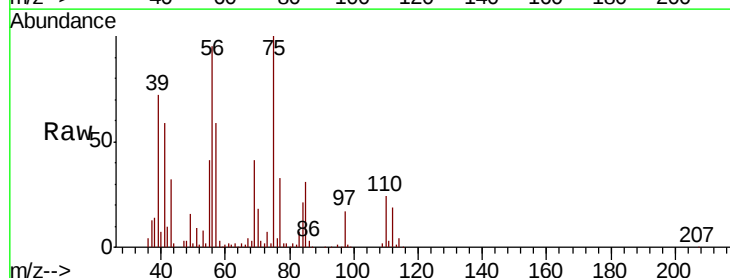
Tgt Ion: 75 Resp: 56541

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

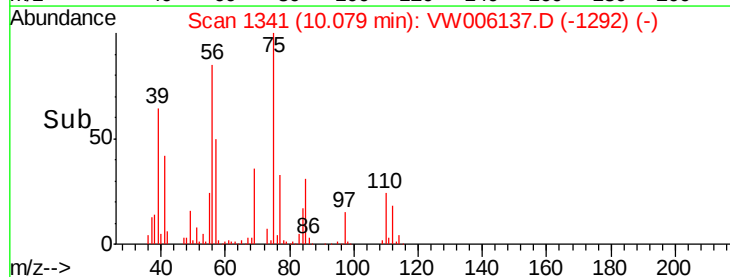
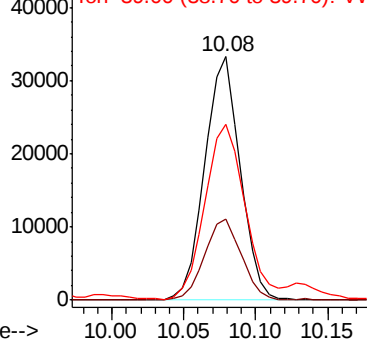
39 71.8 39.9 59.9#

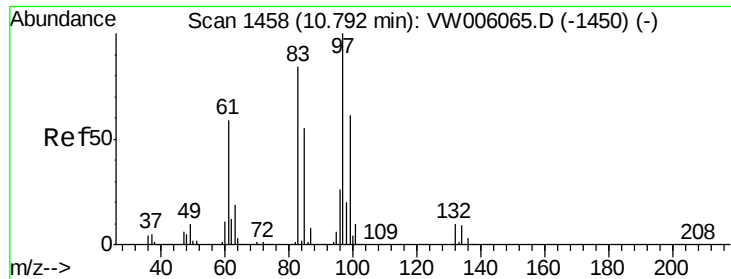


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





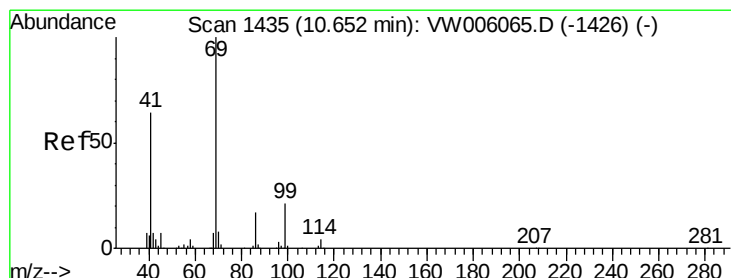
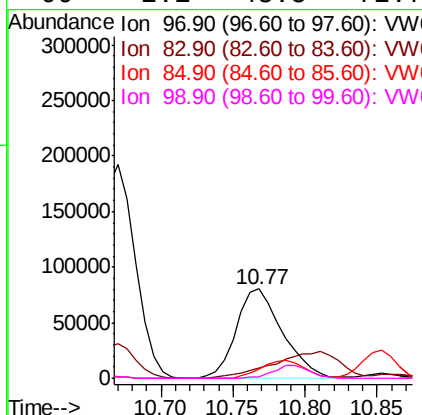
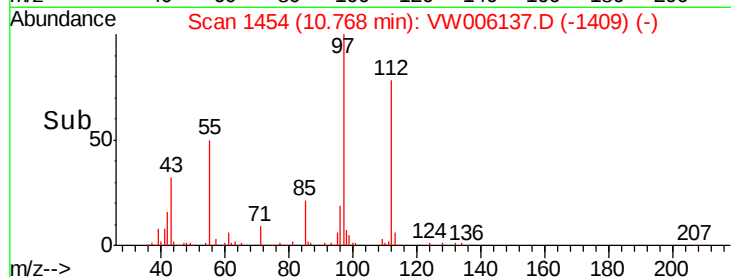
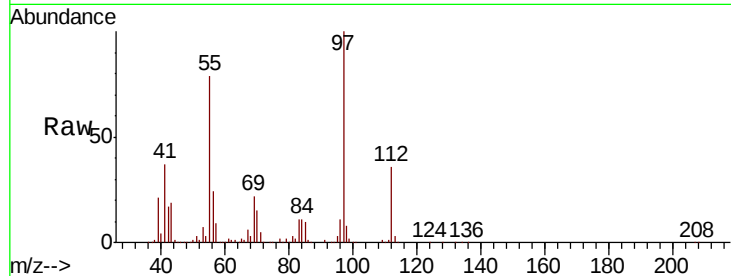
#55
 1,1,2-Trichloroethane
 Concen: 311.084 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Resp	Lower	Upper
97	100	177854		
83	10.8	67.2	100.8#	
85	9.5	43.7	65.5#	
99	2.1	48.5	72.7#	

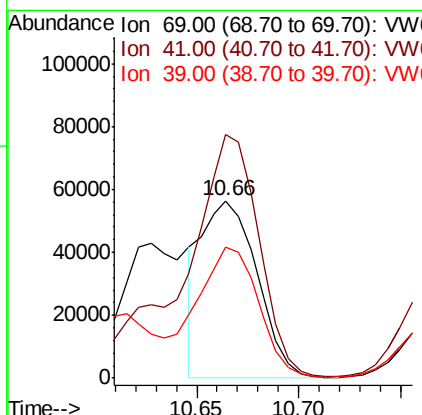
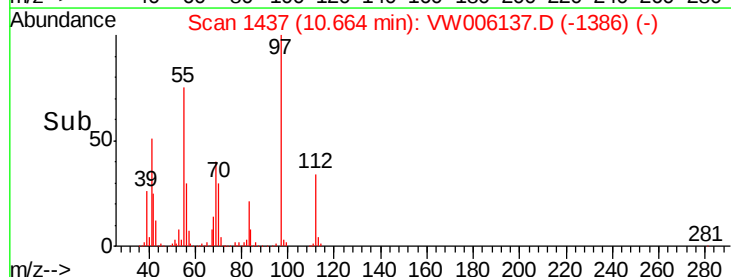
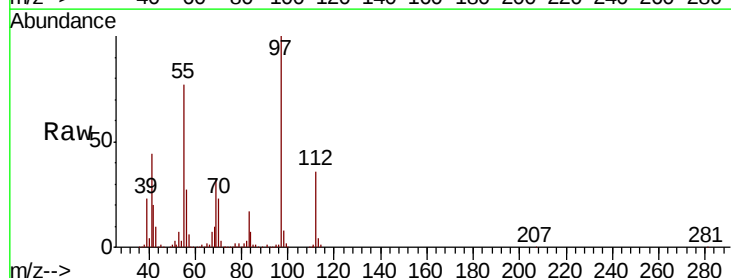
Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:59 PM



#56
 Ethyl methacrylate
 Concen: 150.433 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	105437		
41	195.6	52.8	79.2#	
39	82.6	30.6	45.8#	





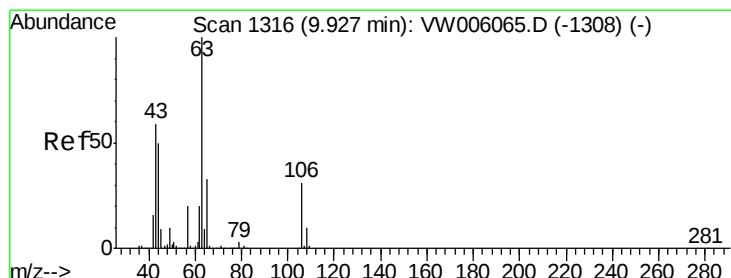
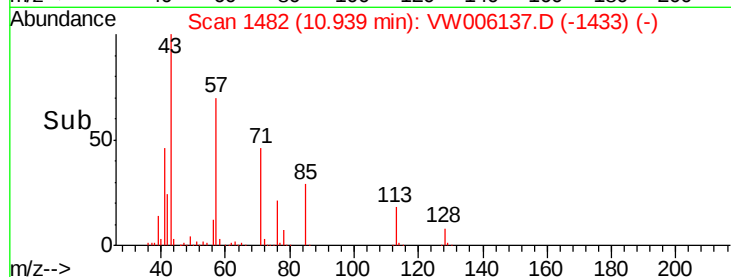
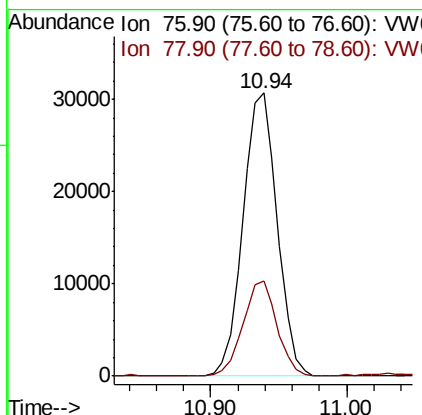
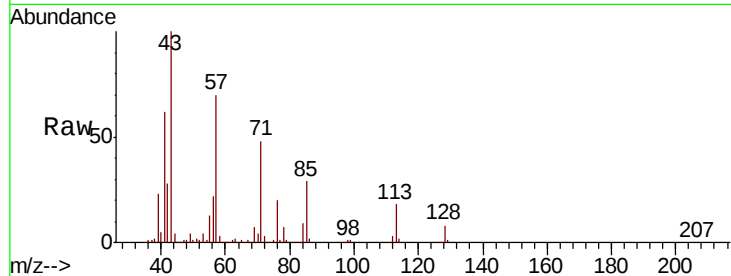
#57
 1,3-Dichloropropane
 Concen: 56.935 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.9	38.9

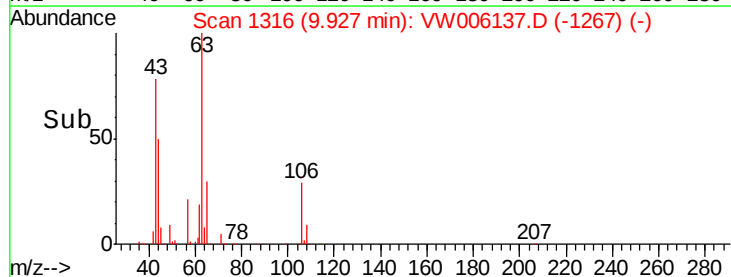
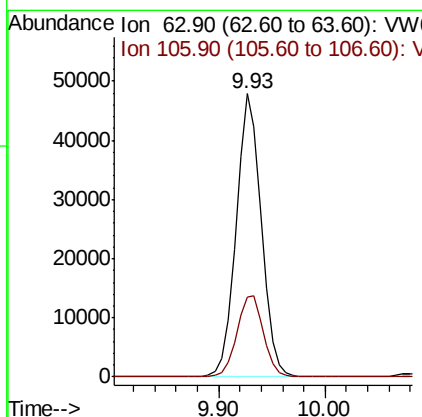
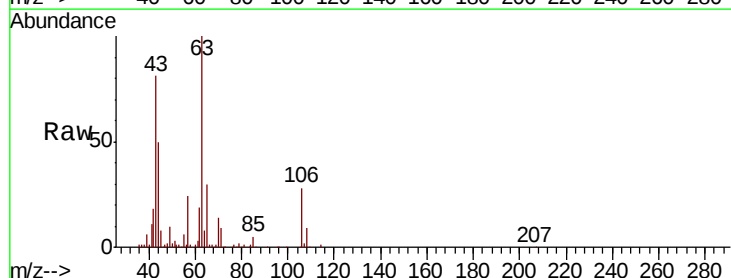
Manual Integrations
 APPROVED

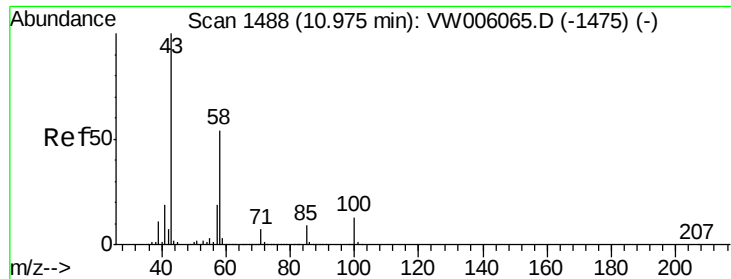
apatel
 10/18/2018 4:36:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.811 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.5	36.7





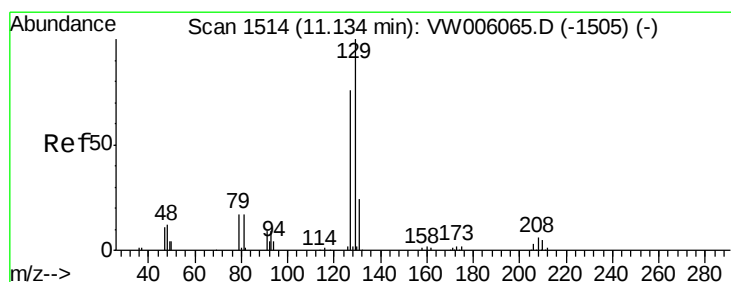
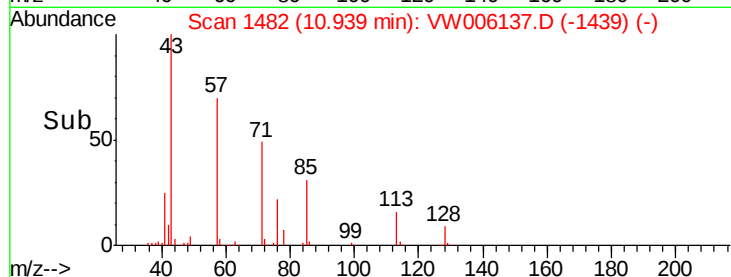
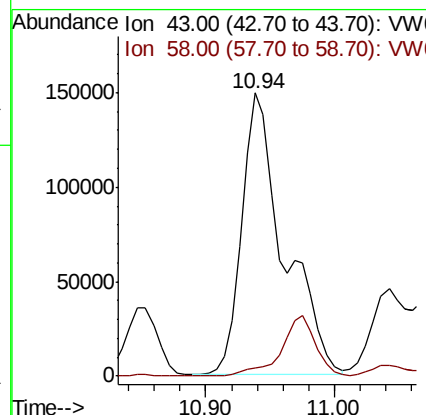
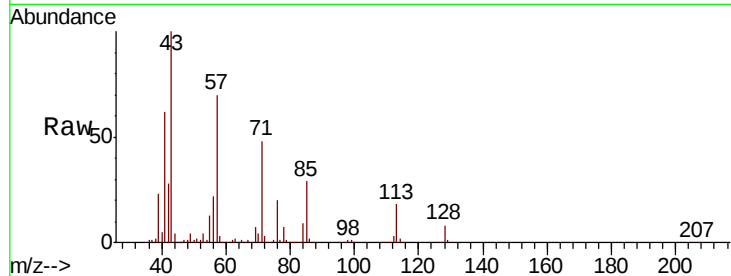
#59
2-Hexanone
Concen: 1141.358 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.9	80.6#

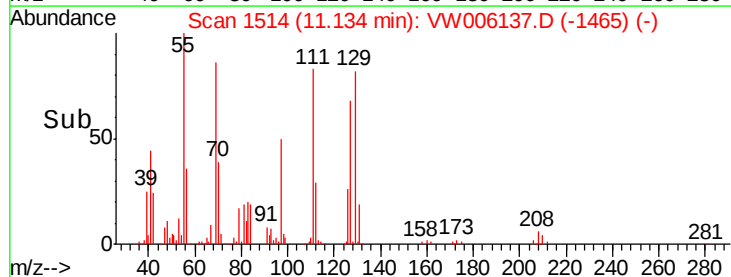
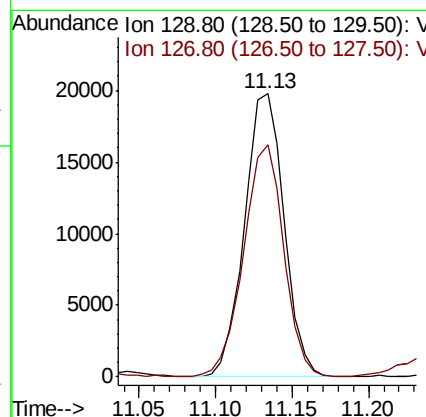
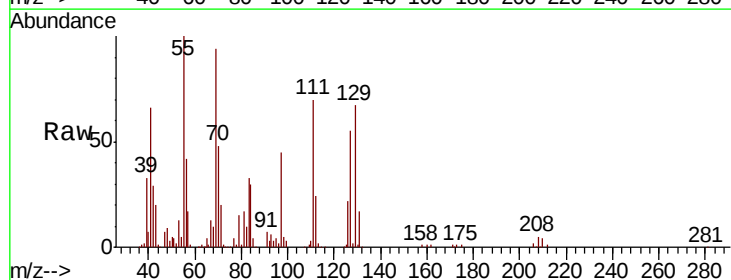
Manual Integrations
APPROVED

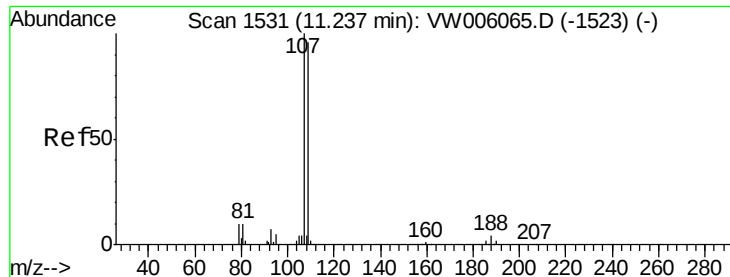
apatel
10/18/2018 4:36:59 PM



#60
Dibromochloromethane
Concen: 49.889 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	83.6	38.6	115.7





#61

1,2-Dibromoethane

Concen: 57.669 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 107 Resp: 32944

Ion Ratio Lower Upper

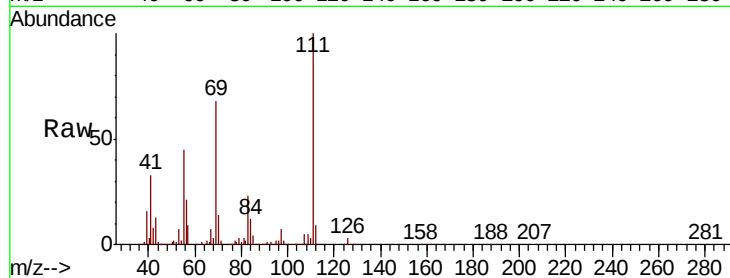
107 100

109 111.6 76.3 114.5

Manual Integrations
APPROVED

apatel

10/18/2018 4:36:59 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

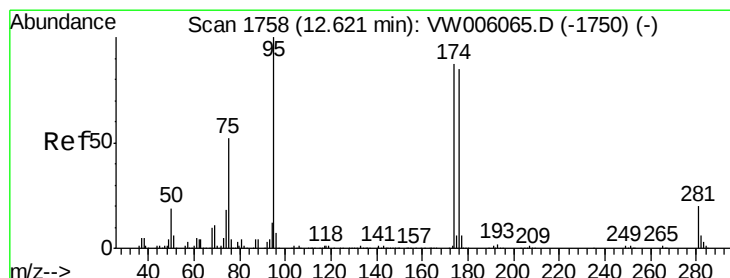
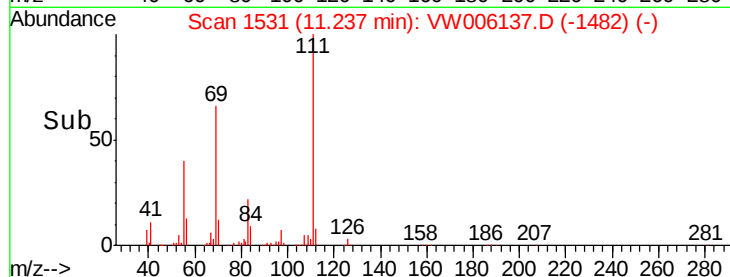
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 115.177 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

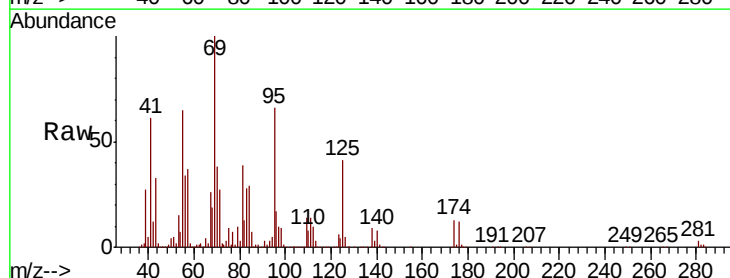
Tgt Ion: 95 Resp: 115220

Ion Ratio Lower Upper

95 100

174 29.8 0.0 186.0

176 28.7 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

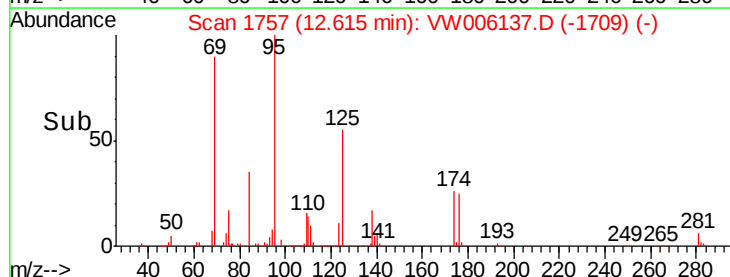
Ion 175.80 (175.50 to 176.50): V

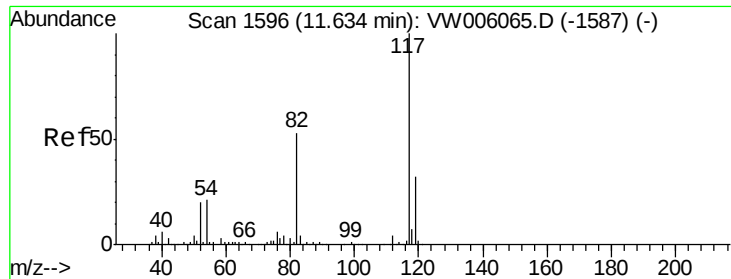
100000

50000

0

Time-->





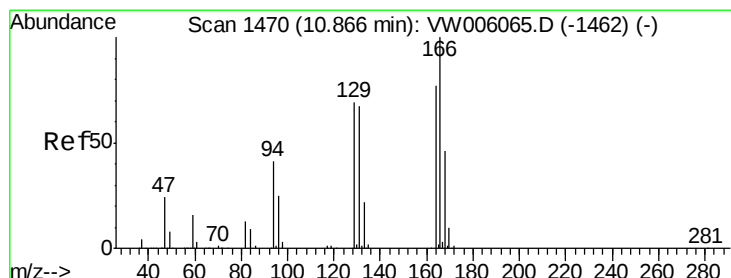
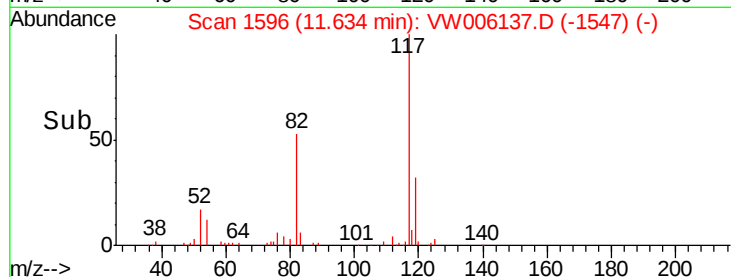
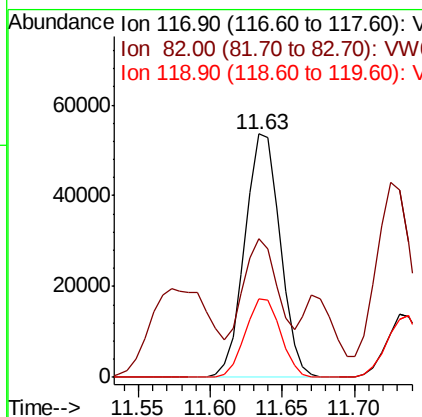
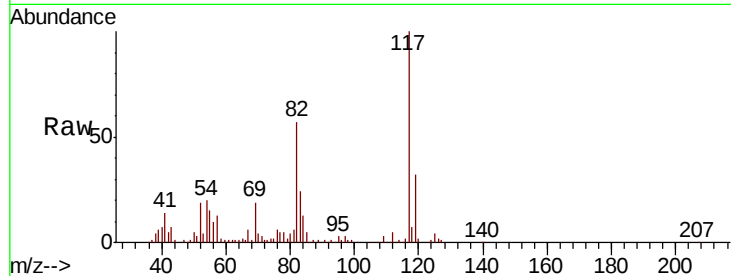
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
117	100		
82	41.6	42.1	63.1#
119	32.3	25.8	38.6

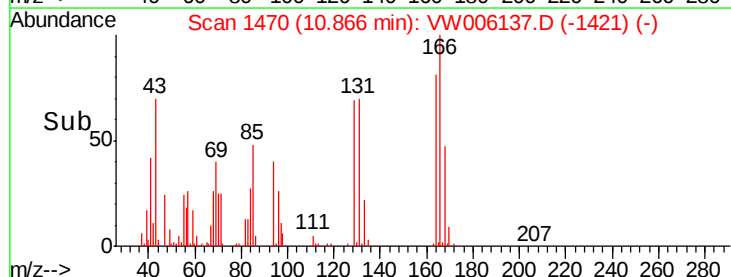
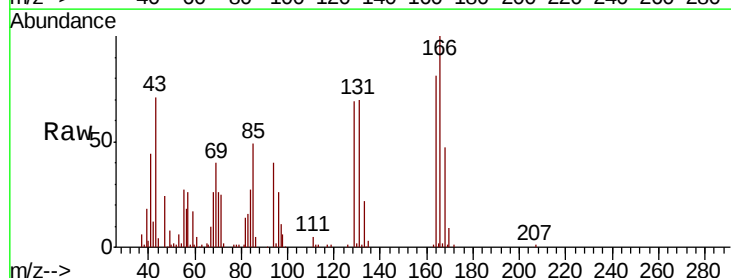
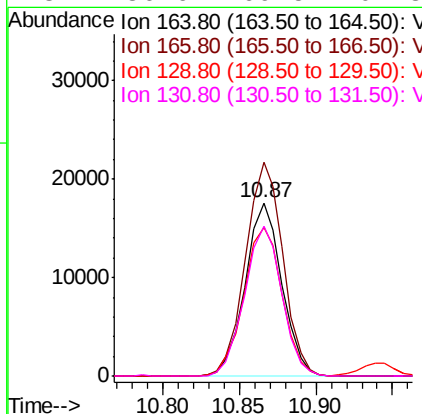
Manual Integrations
APPROVED

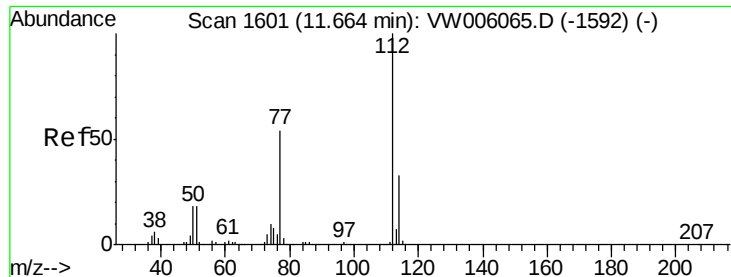
apatel
10/18/2018 4:36:59 PM



#64
Tetrachloroethene
Concen: 41.305 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	103.4	155.0
129	85.6	71.8	107.8
131	86.6	69.5	104.3





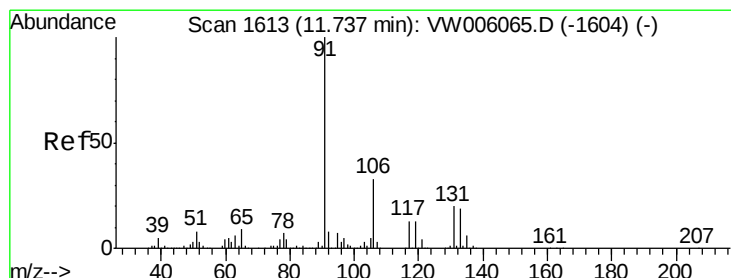
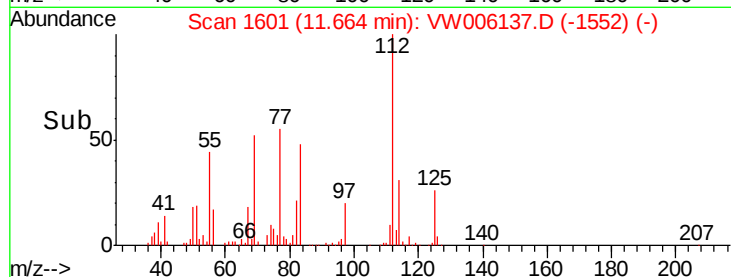
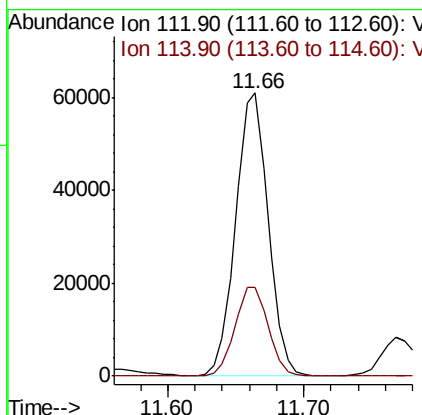
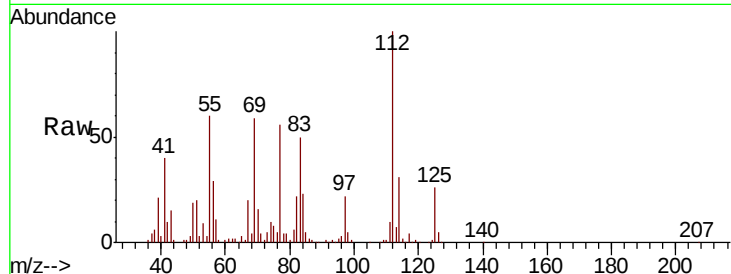
#65
Chlorobenzene
Concen: 52.196 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion:112 Resp: 101736
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

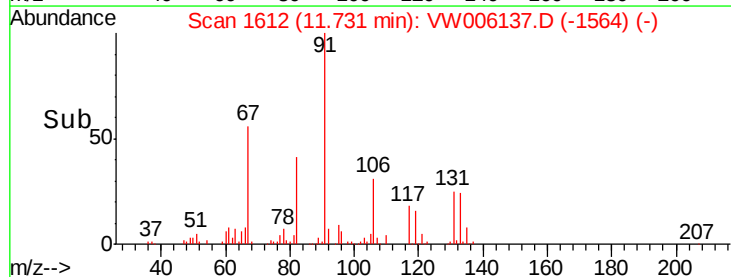
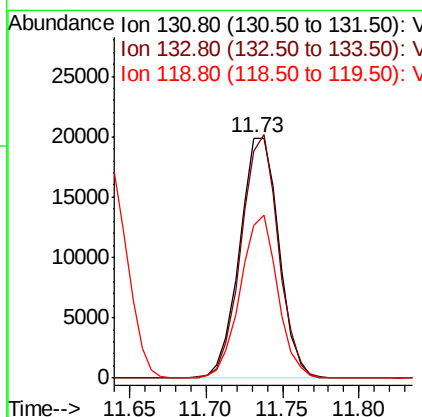
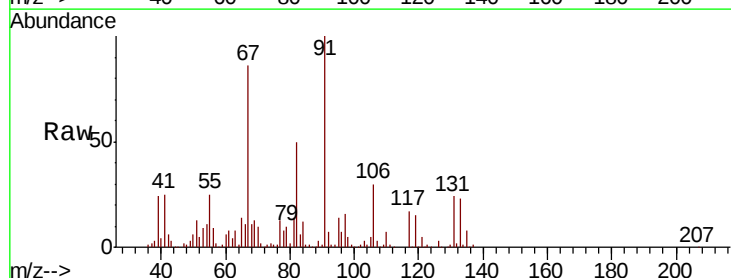
Manual Integrations
APPROVED

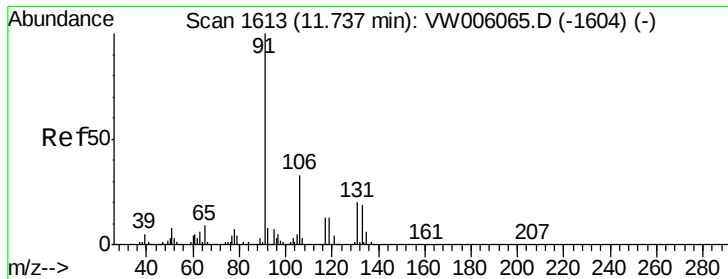
apatel
10/18/2018 4:36:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.167 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion:131 Resp: 35442
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 43.029 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

Tot Ion: 91 Resp: 145344

Ion Ratio Lower Upper

91 100

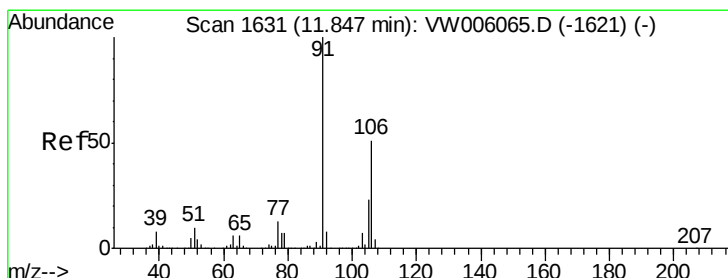
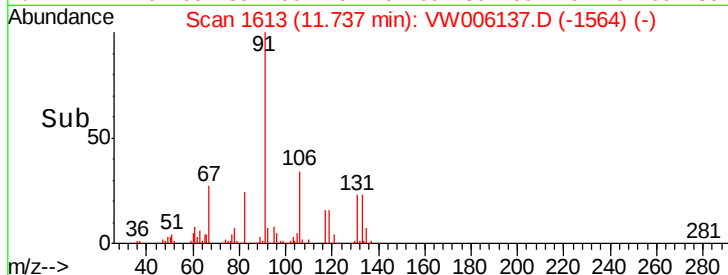
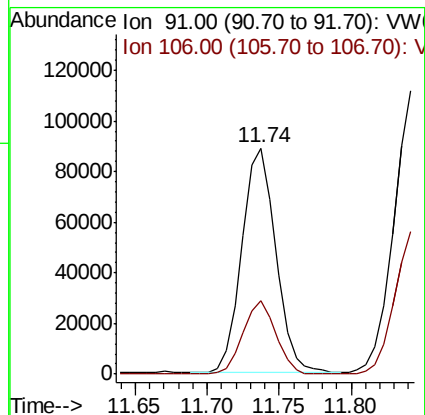
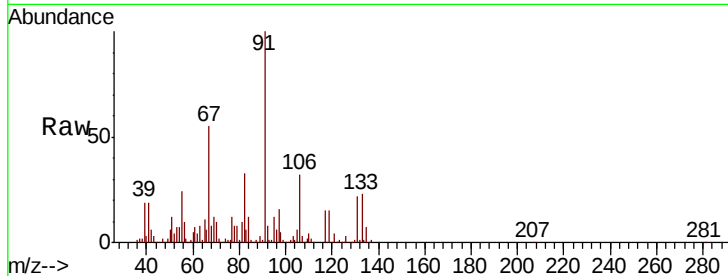
106 32.7 26.1 39.1

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#68

m/p-Xylenes

Concen: 81.822 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006137.D

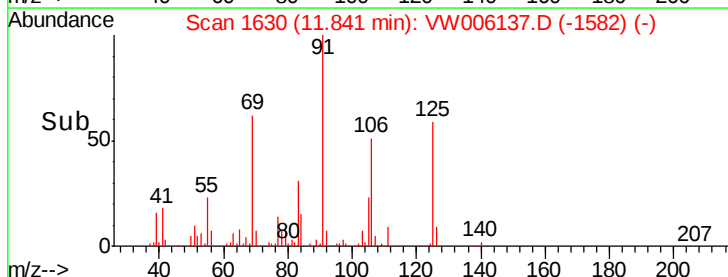
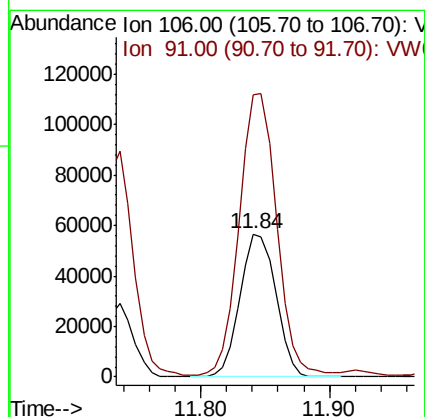
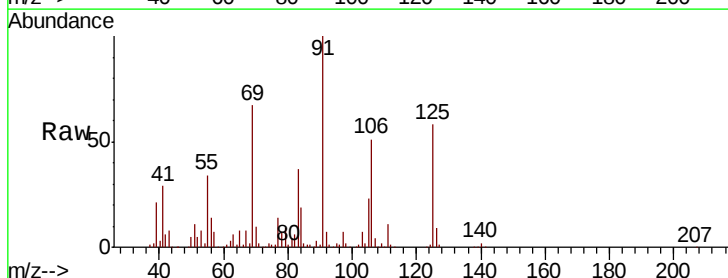
Acq: 17 Oct 2018 19:54

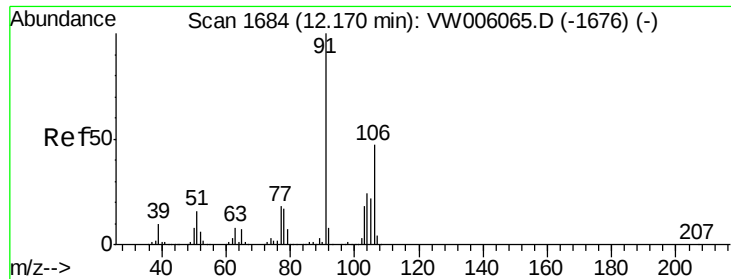
Tgt Ion: 106 Resp: 109240

Ion Ratio Lower Upper

106 100

91 205.1 159.1 238.7





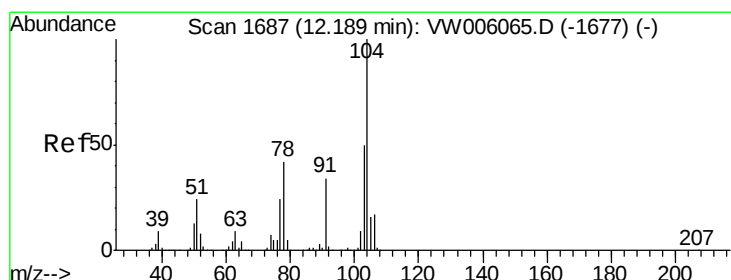
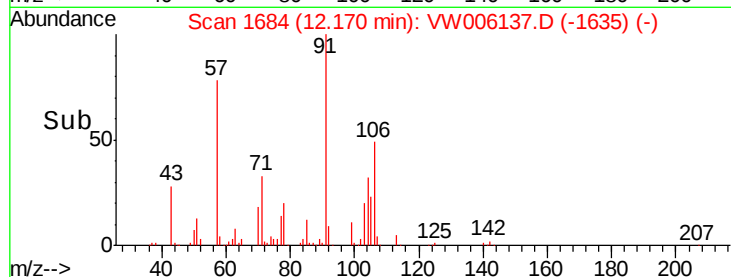
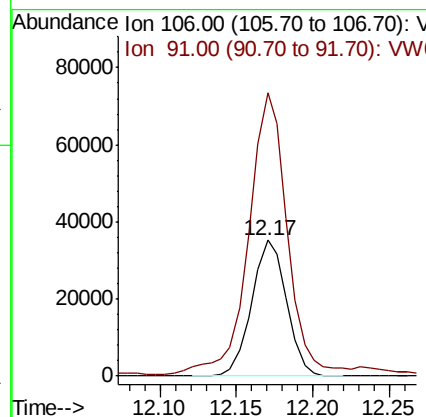
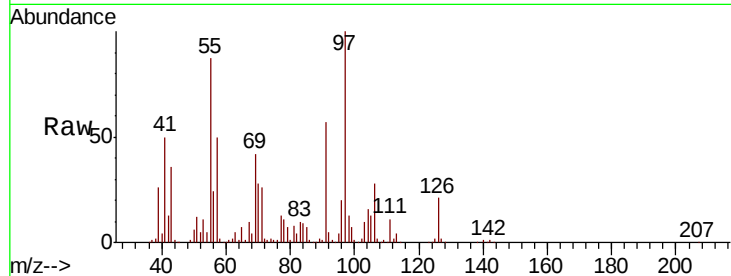
#69
o-Xylene
Concen: 43.829 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion:106 Resp: 55767
Ion Ratio Lower Upper
106 100
91 228.4 105.4 316.1

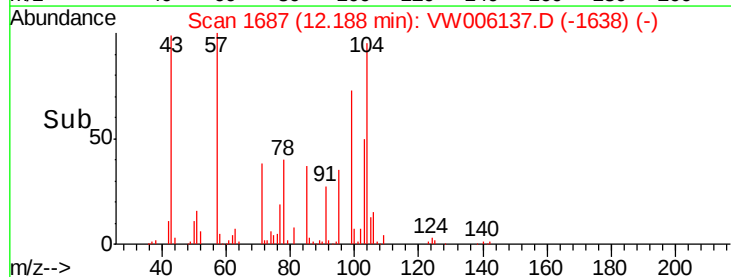
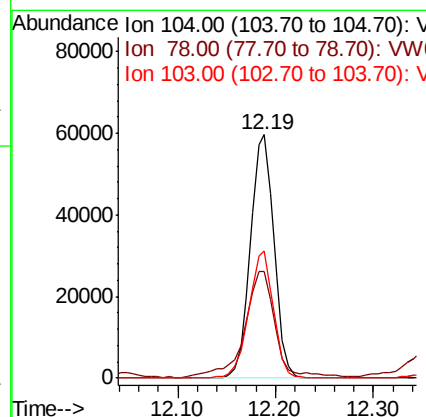
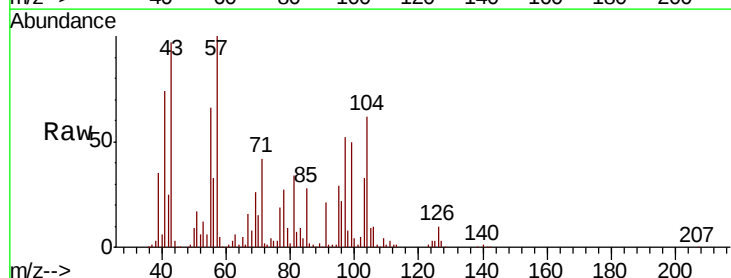
Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#70
Styrene
Concen: 48.052 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion:104 Resp: 99424
Ion Ratio Lower Upper
104 100
78 54.5 39.1 58.7
103 55.3 44.3 66.5





#71

Bromoform

Concen: 55.750 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

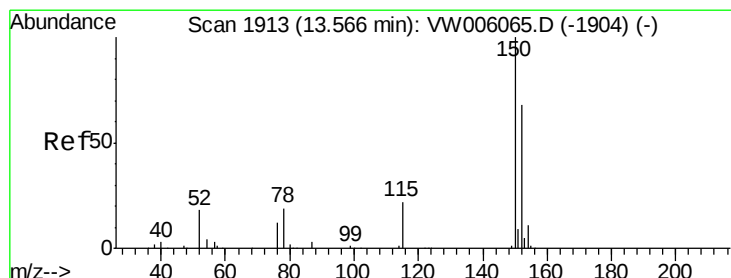
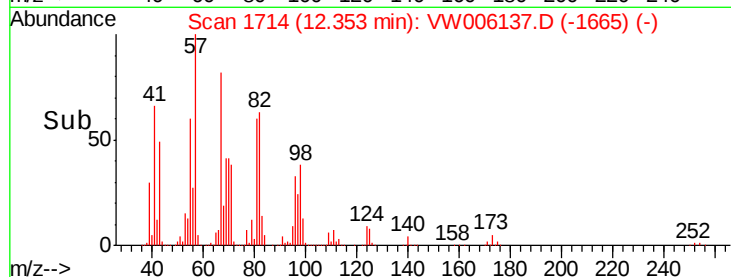
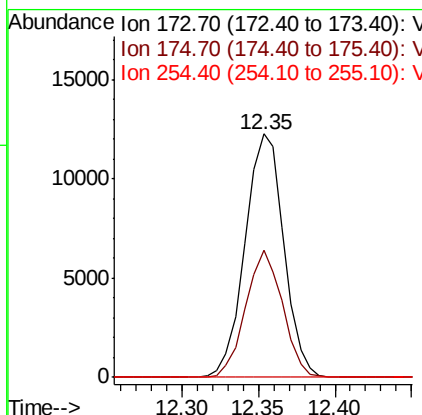
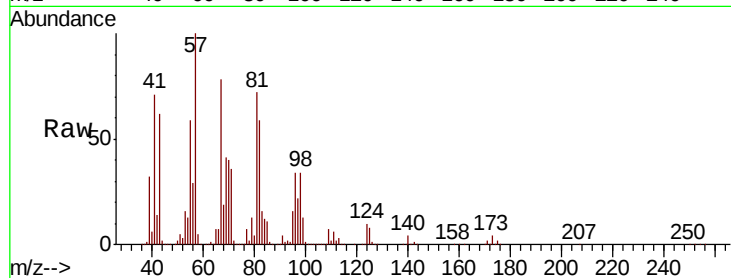
ClientSampleId :

SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

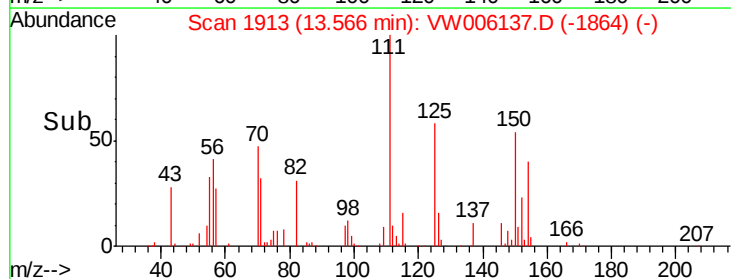
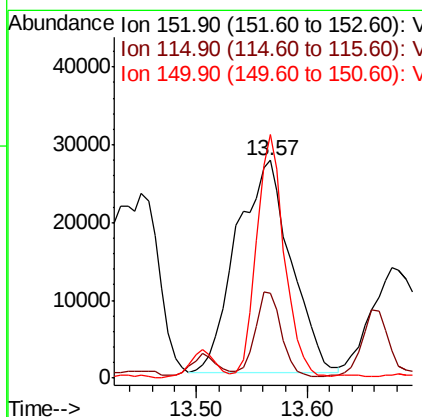
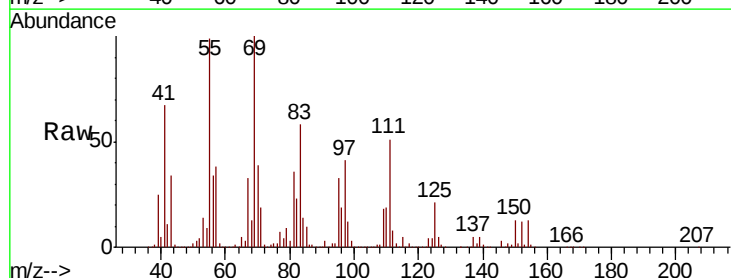
RT: 13.57 min Scan# 1913

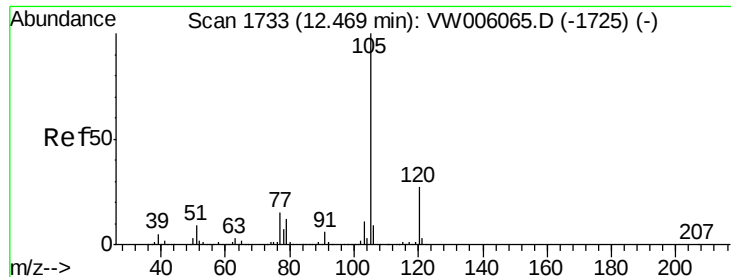
Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	19.7	27.8	83.3#
150	58.1	0.0	349.2





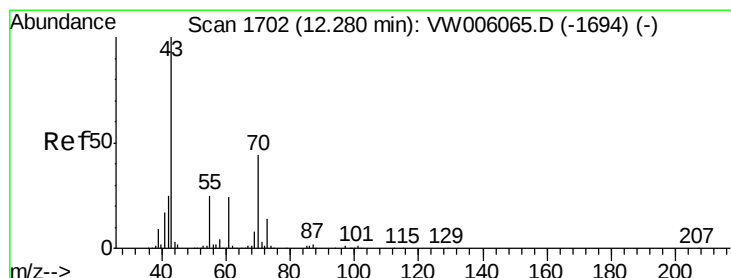
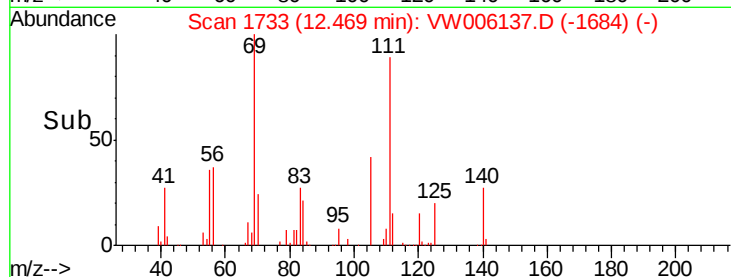
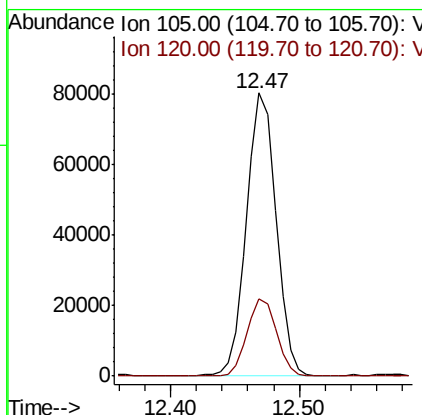
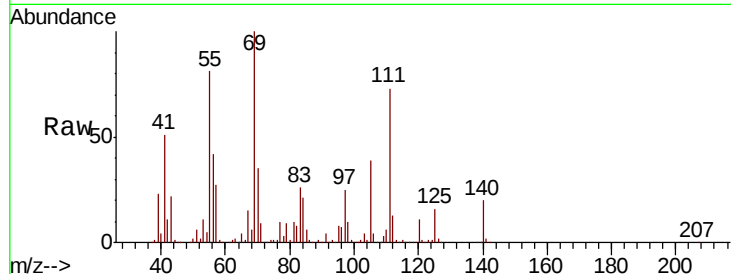
#73
Isopropylbenzene
Concen: 19.301 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7

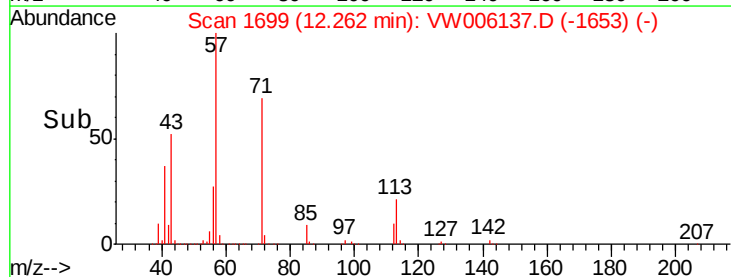
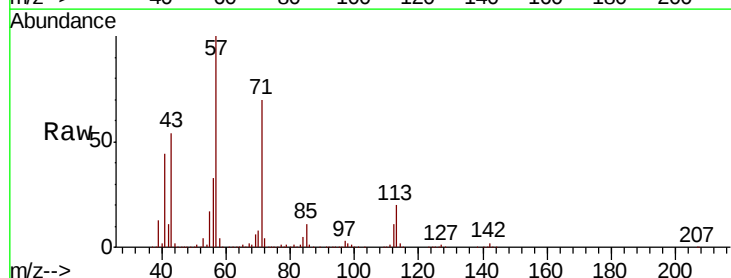
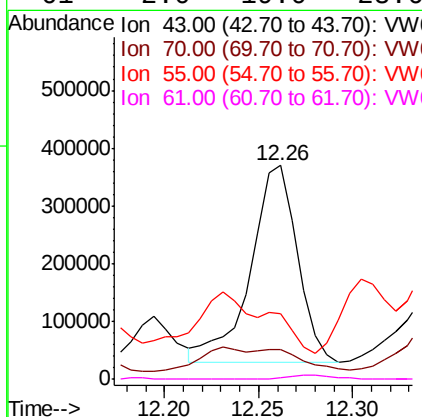
Manual Integrations
APPROVED

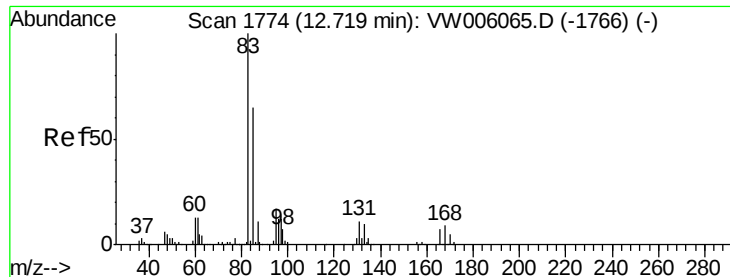
apatel
10/18/2018 4:36:59 PM



#74
N-ethyl acetate
Concen: 458.947 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.02 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	0.0	19.2	28.8#
61	2.0	19.0	28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 160.609 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

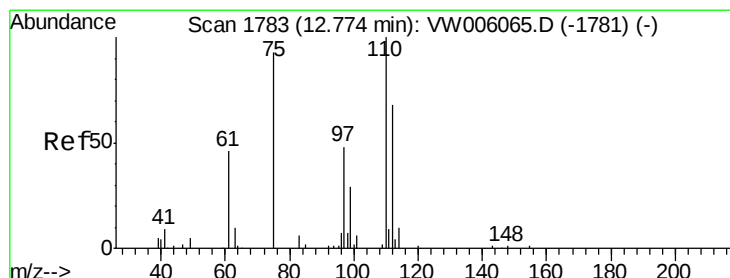
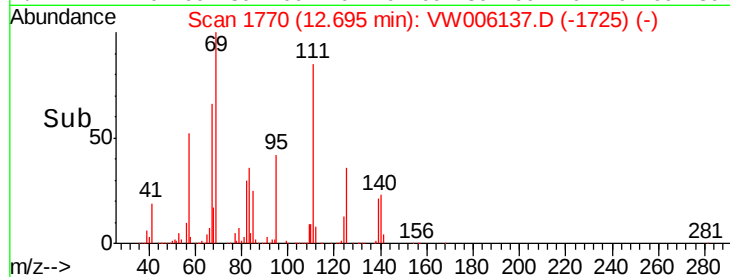
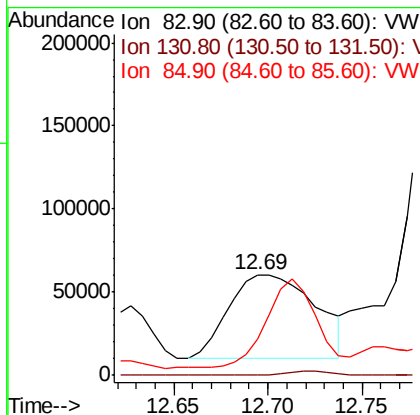
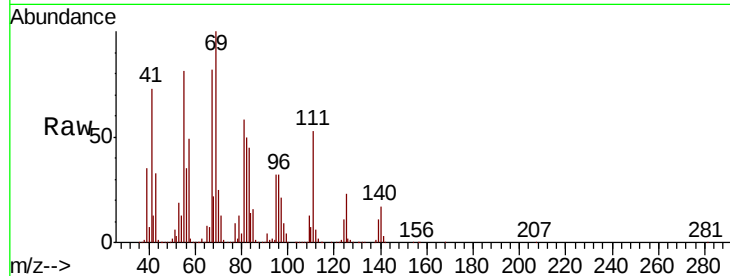
ClientSampleId :

SB-10-5-7FT

Tot Ion:	83	Resp:	160362
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.9	17.7#
85	0.0	31.9	95.9#

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#76

1,2,3-Trichloropropane

Concen: 36.256 ug/l m

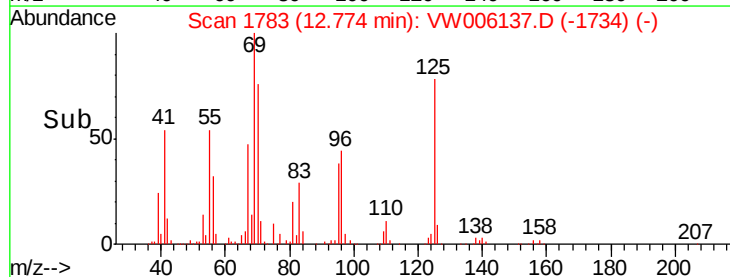
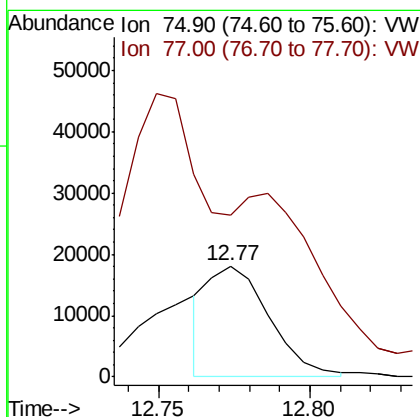
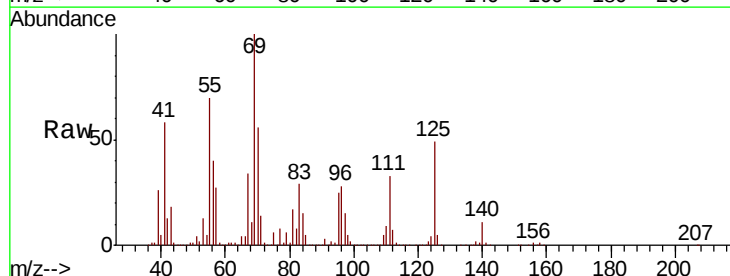
RT: 12.77 min Scan# 1783

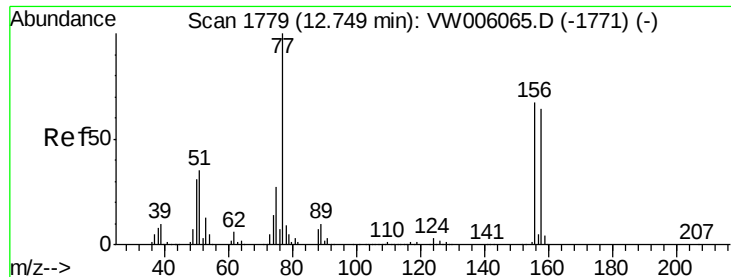
Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	75	Resp:	25733
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 26.934 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

Tot Ion: 156 Resp: 43308

Ion Ratio Lower Upper

156 100

77 144.1 79.1 237.4

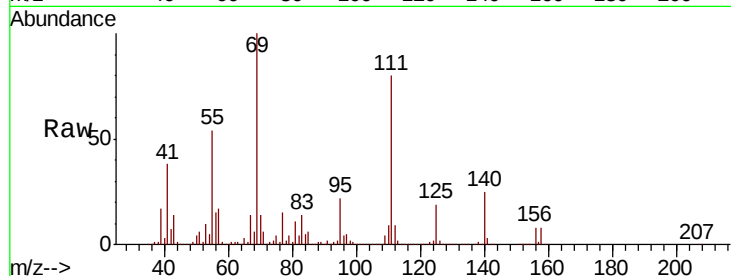
158 94.5 48.5 145.6

Manual Integrations

APPROVED

apatel

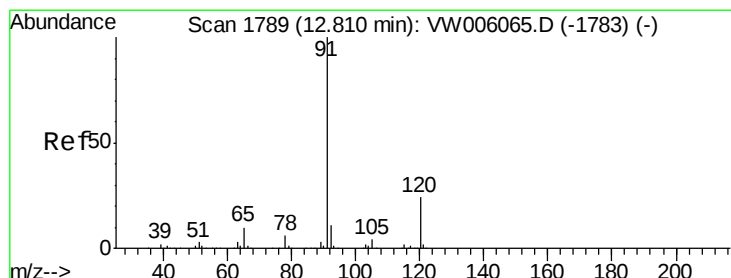
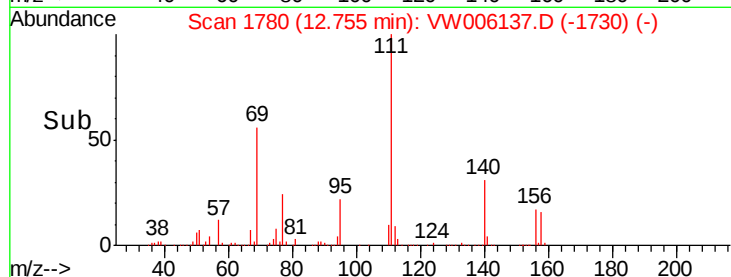
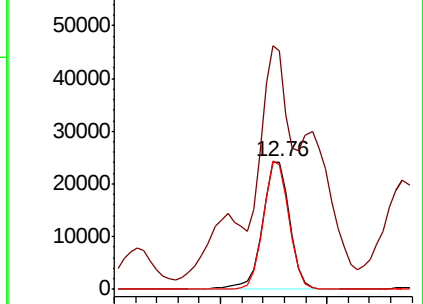
10/18/2018 4:36:59 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.962 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006137.D

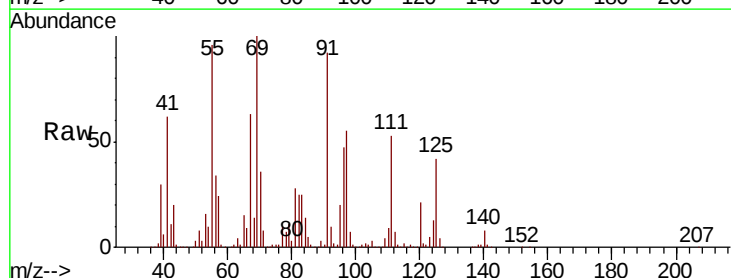
Acq: 17 Oct 2018 19:54

Tgt Ion: 91 Resp: 167736

Ion Ratio Lower Upper

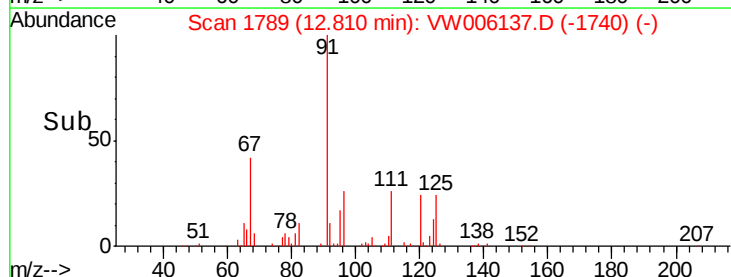
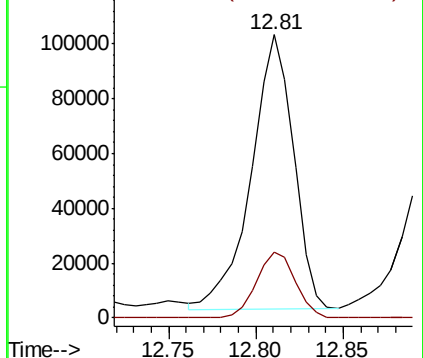
91 100

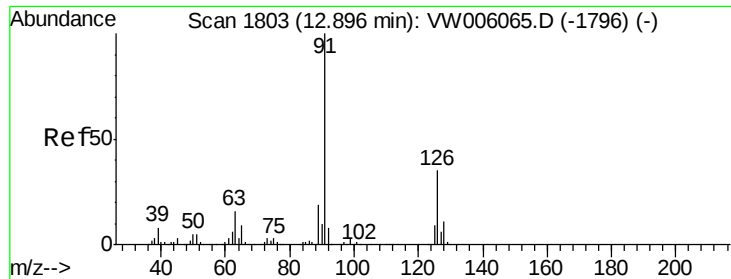
120 22.2 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.539 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

Tot Ion: 91 Resp: 109594

Ion Ratio Lower Upper

91 100

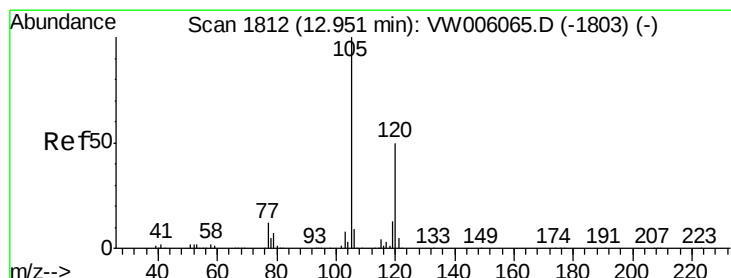
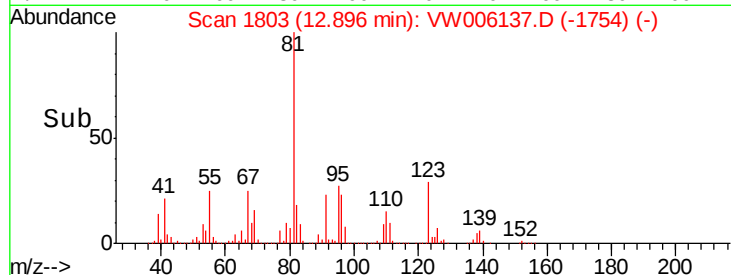
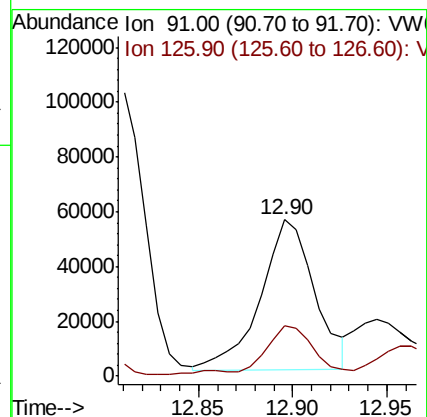
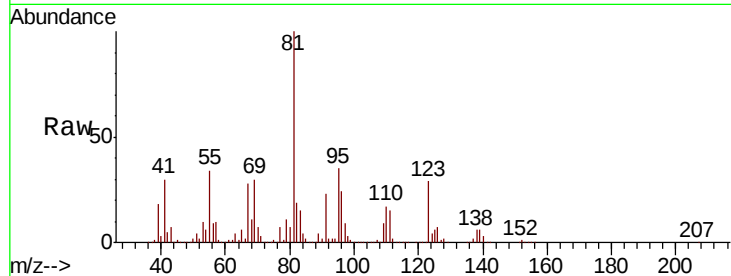
126 24.3 17.9 53.8

Manual Integrations

APPROVED

apatel

10/18/2018 4:36:59 PM



#80

1,3,5-Trimethylbenzene

Concen: 12.852 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006137.D

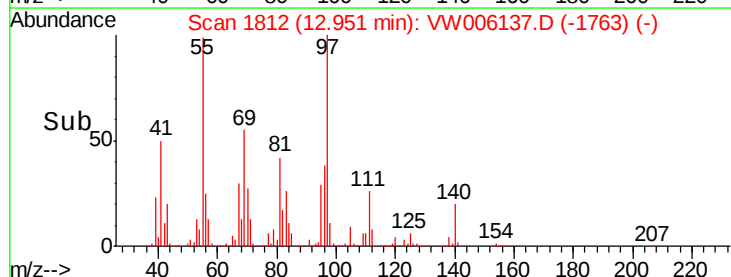
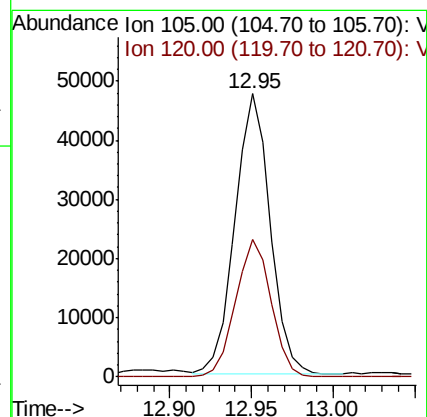
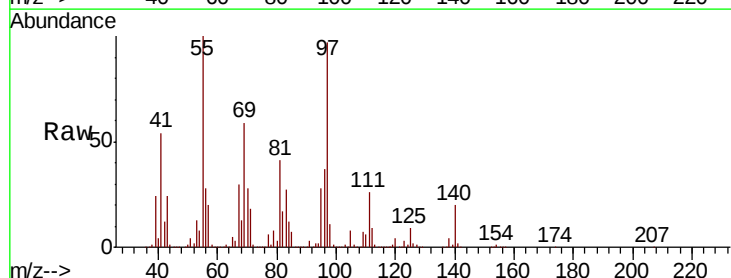
Acq: 17 Oct 2018 19:54

Tgt Ion:105 Resp: 71124

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





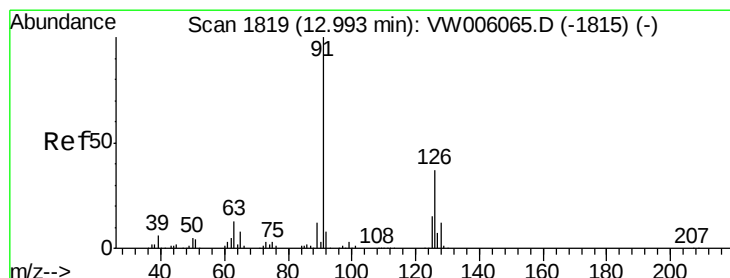
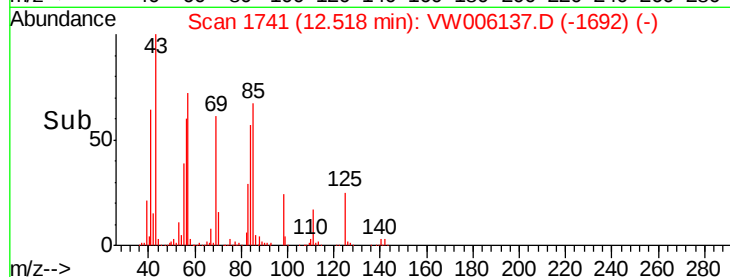
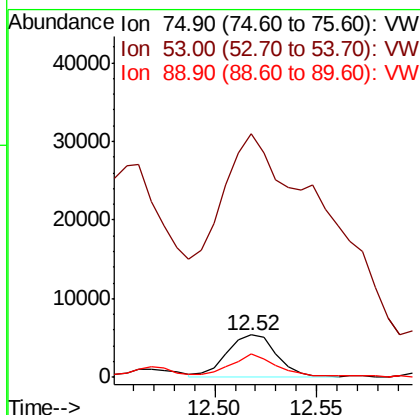
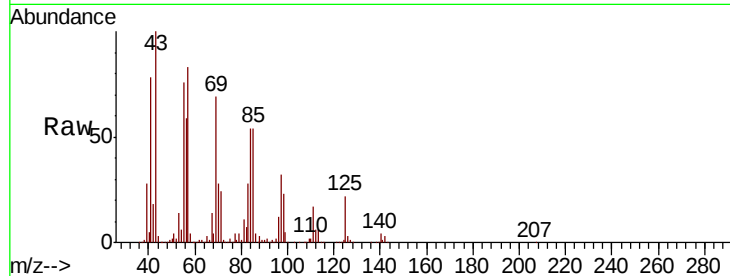
#81
trans-1,4-Dichloro-2-butene
Concen: 29.699 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion: 75 Resp: 8818
Ion Ratio Lower Upper
75 100
53 1043.0 79.8 119.6
89 45.8 37.5 56.3

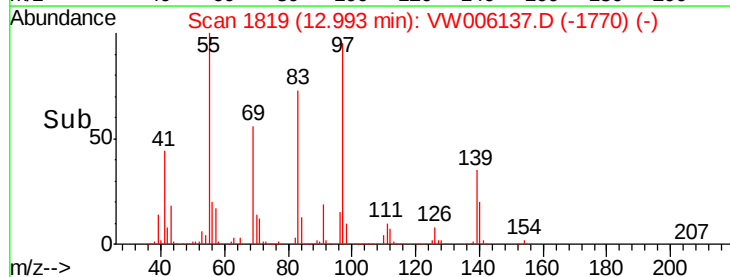
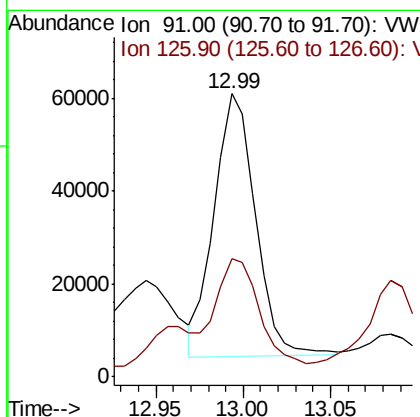
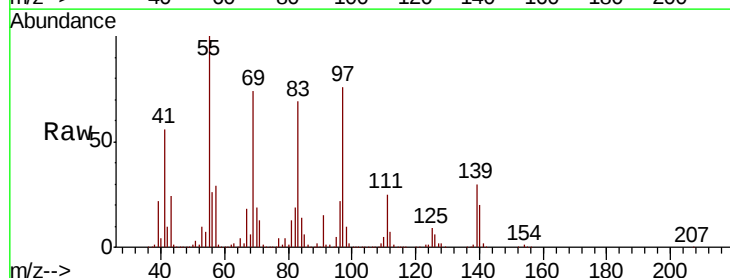
Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#82
4-Chlorotoluene
Concen: 20.709 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion: 91 Resp: 93092
Ion Ratio Lower Upper
91 100
126 47.5 18.1 54.3





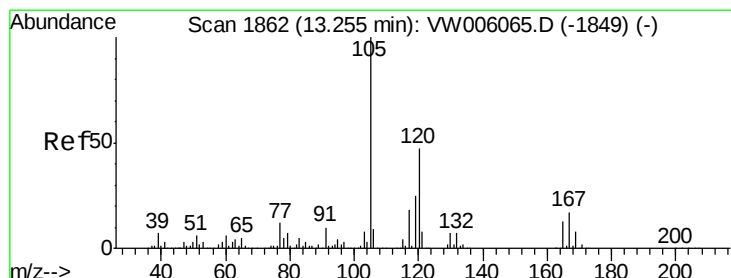
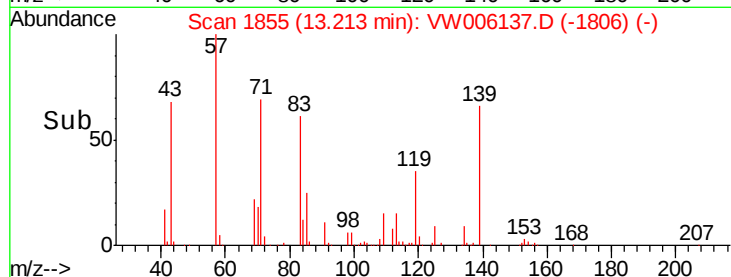
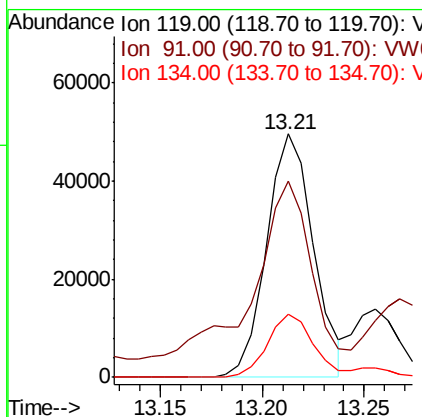
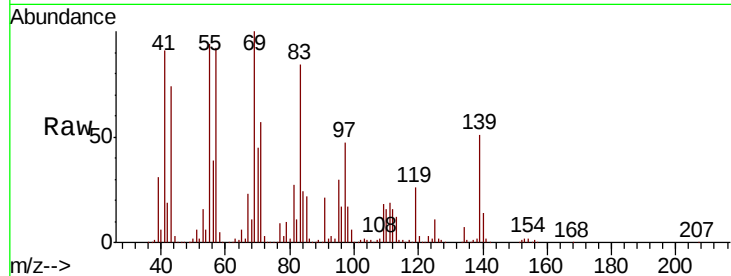
#83
tert-Butylbenzene
Concen: 16.019 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
119	100		
91	87.3	32.3	96.9
134	25.7	13.6	40.8

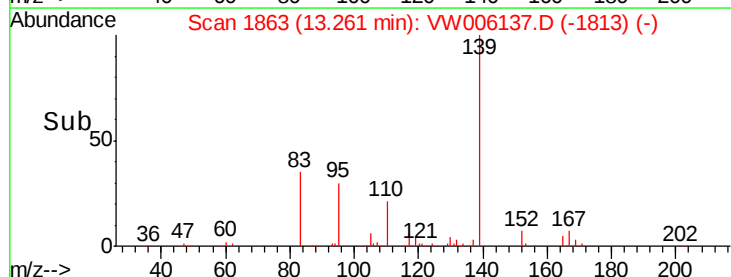
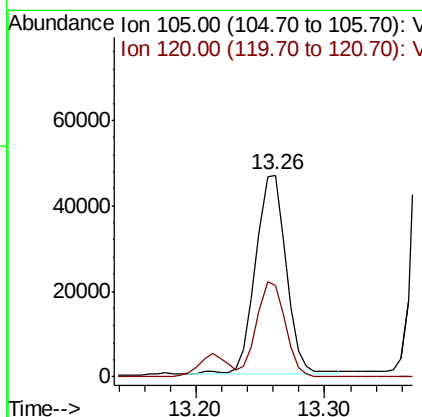
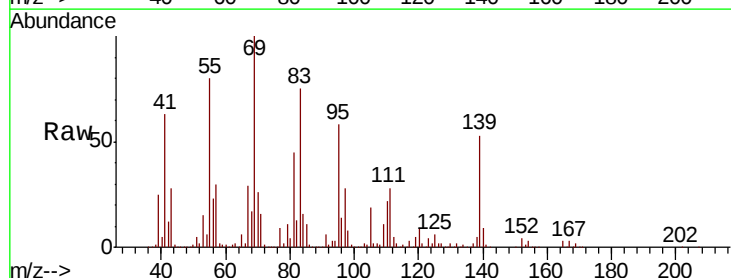
Manual Integrations
APPROVED

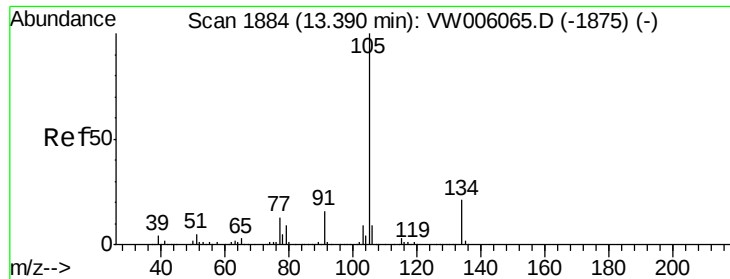
apatel
10/18/2018 4:36:59 PM



#84
1,2,4-Trimethylbenzene
Concen: 13.728 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.1	69.3





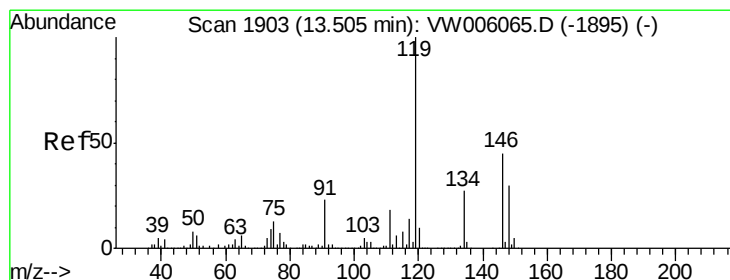
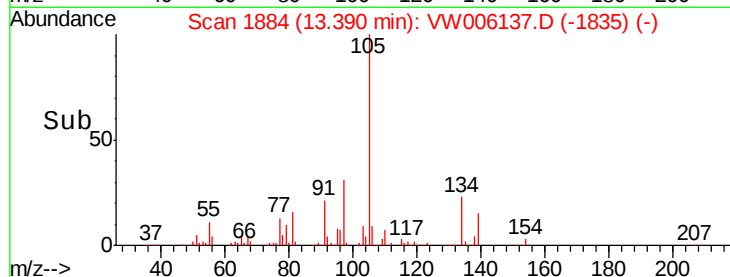
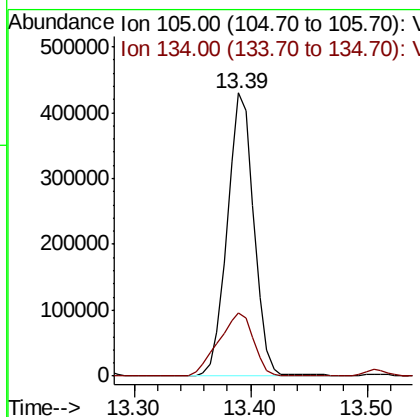
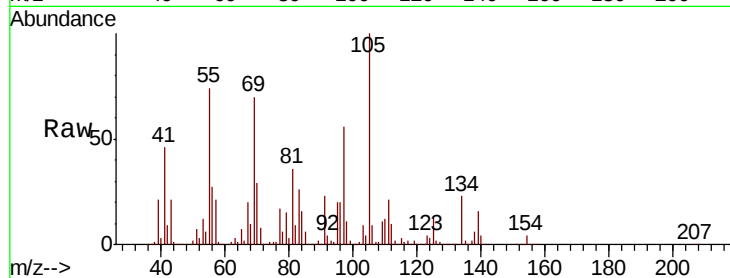
#85
 sec-Butylbenzene
 Concen: 96.603 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleID :
 SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
105	100		
134	29.5	10.5	31.6

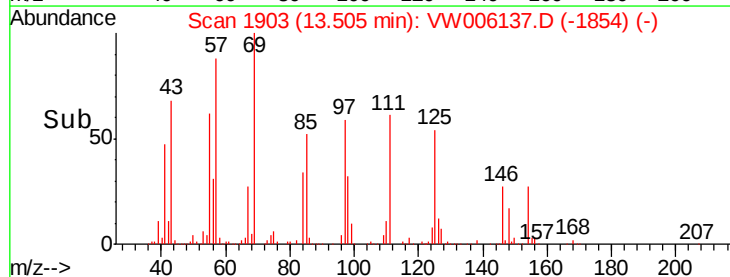
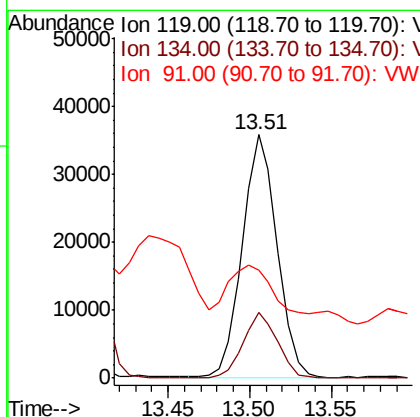
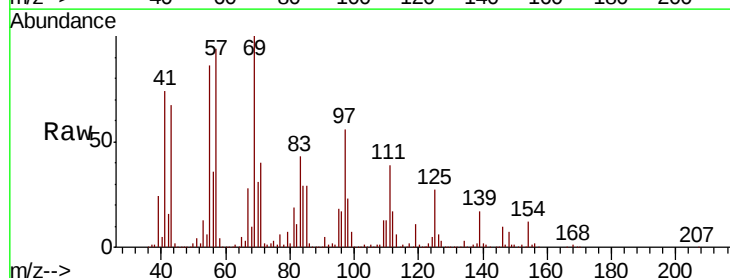
Manual Integrations
 APPROVED

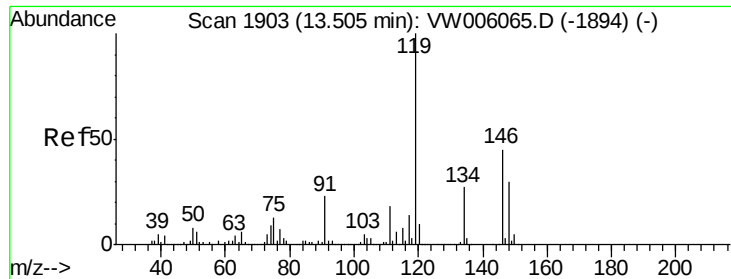
apatel
 10/18/2018 4:36:59 PM



#86
 p-Isopropyltoluene
 Concen: 8.360 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	26.3	11.4	34.1





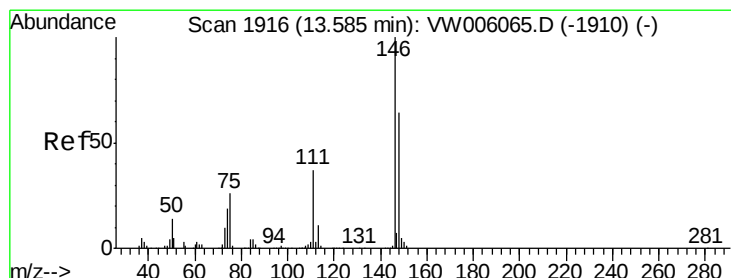
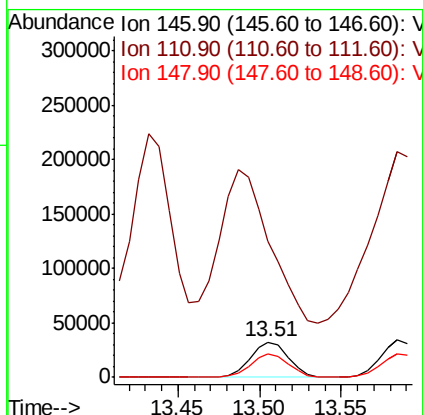
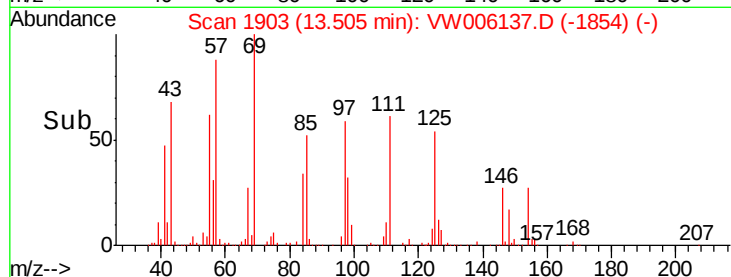
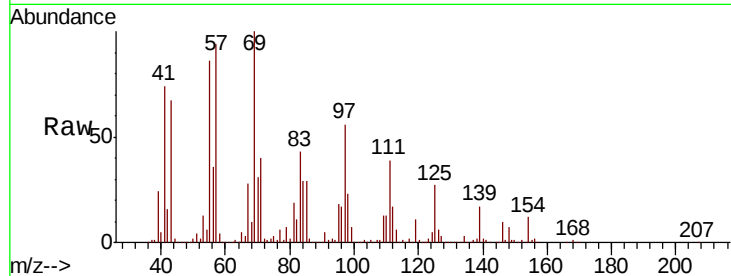
#87
 1,3-Dichlorobenzene
 Concen: 16.644 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
146	100		
111	559.5	19.1	57.5#
148	63.7	32.0	96.2

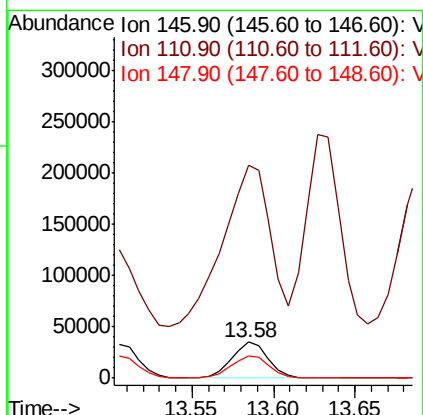
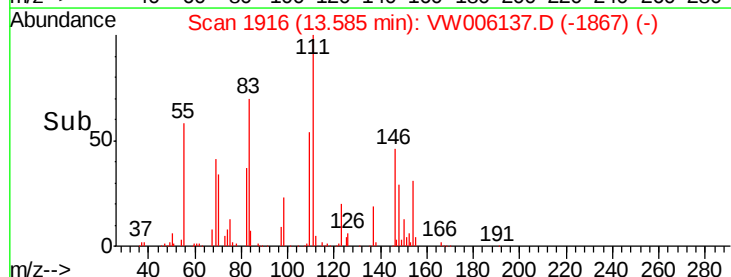
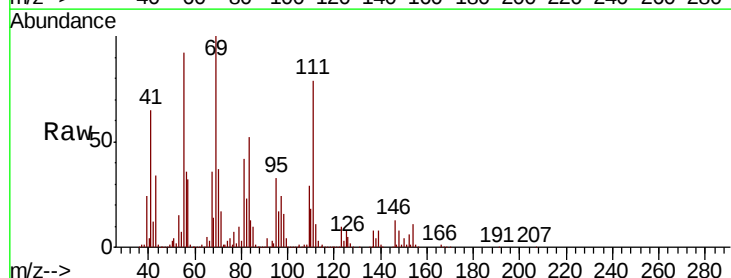
Manual Integrations
 APPROVED

apatel
 10/18/2018 4:36:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 16.944 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	593.9	18.6	56.0#
148	64.0	32.1	96.5





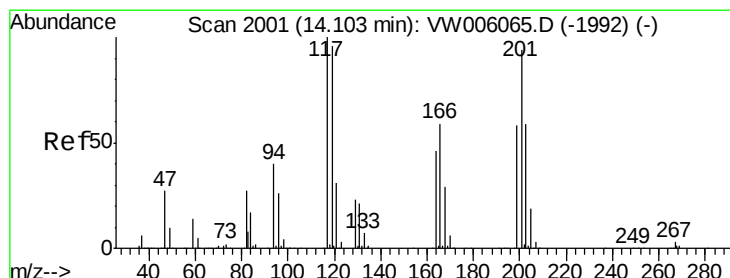
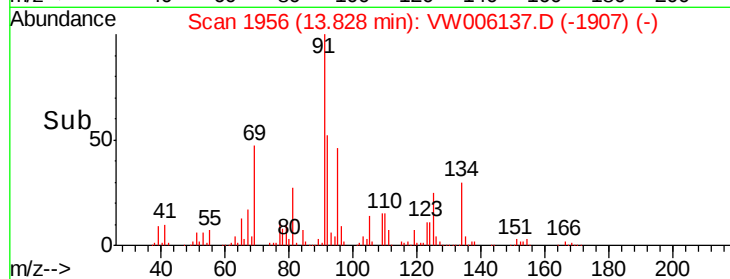
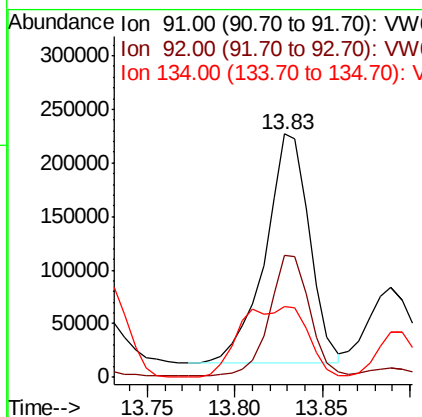
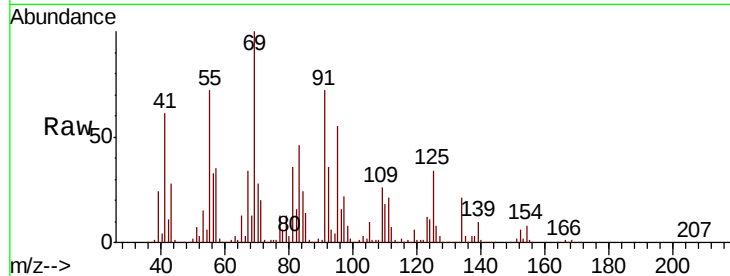
#89
n-Butylbenzene
Concen: 64.782 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.9	26.6	79.7
134	47.9	14.0	41.9#

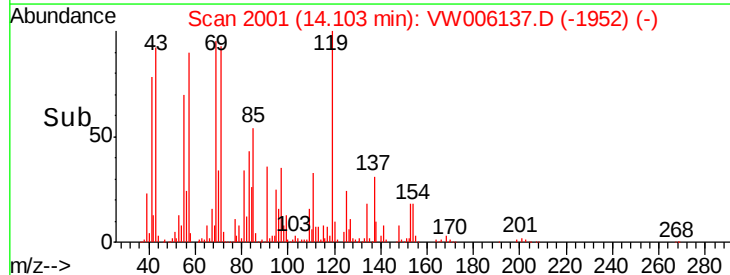
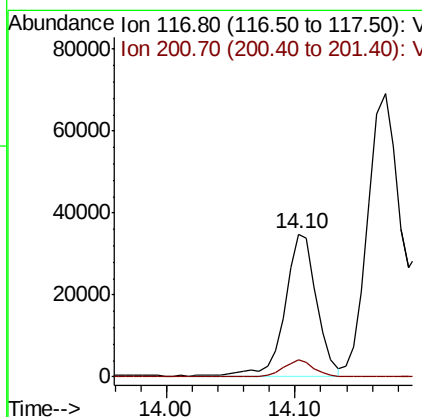
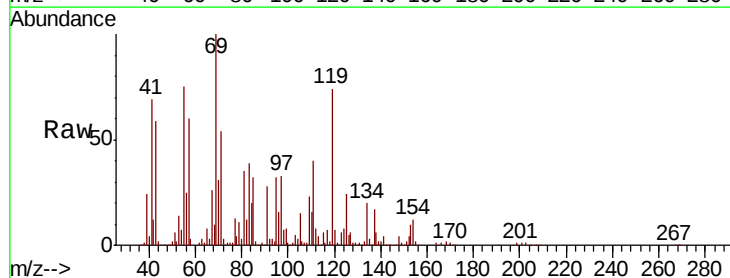
Manual Integrations
APPROVED

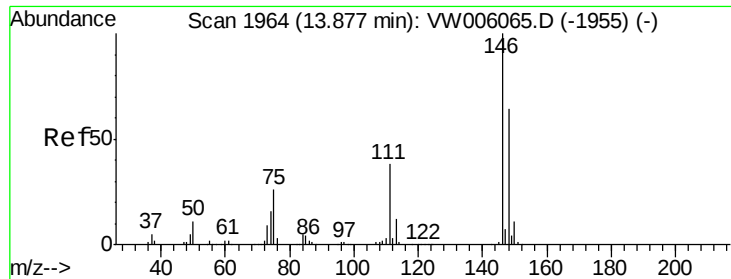
apatel
10/18/2018 4:36:59 PM



#90
Hexachloroethane
Concen: 54.543 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	11.3	45.3	135.9#





#91

1,2-Dichlorobenzene

Concen: 18.964 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Instrument :

MSVOA_W

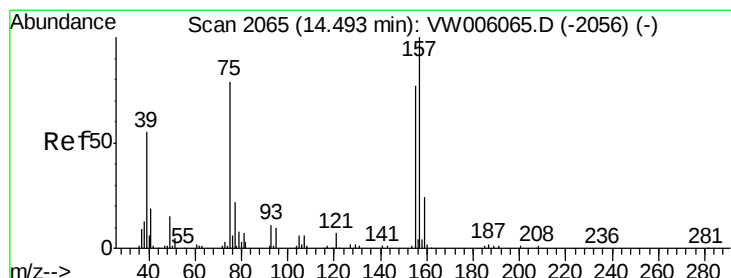
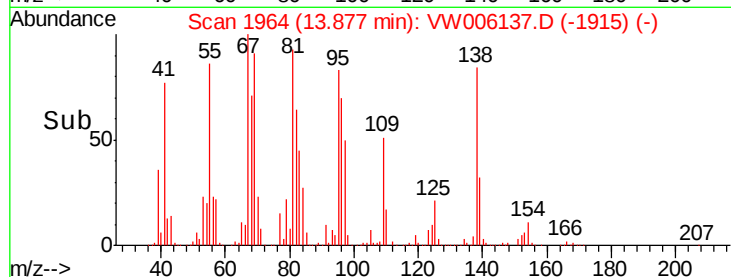
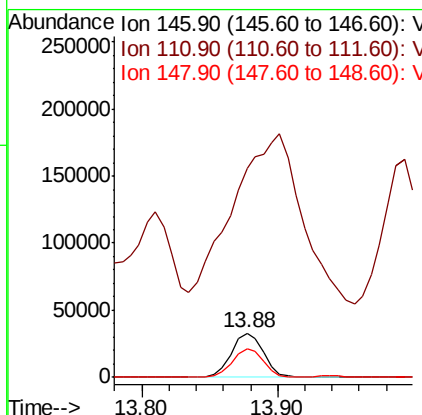
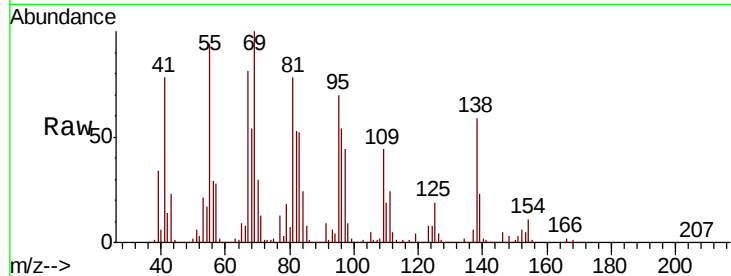
ClientSampleId :

SB-10-5-7FT

Tot Ion:	146	Resp:	54132
Ion Ratio	Lower	Upper	
146	100		
111	0.0	19.6	58.7#
148	63.2	32.2	96.6

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.459 ug/l

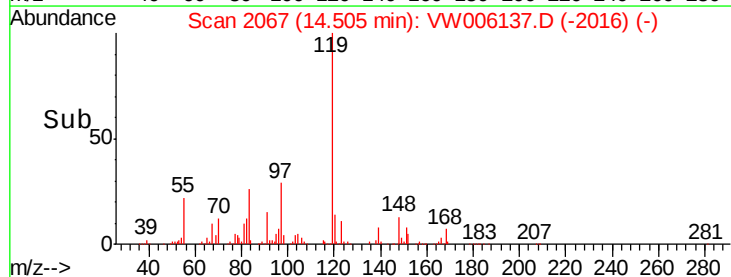
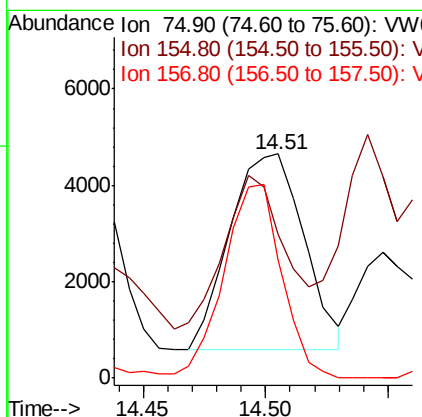
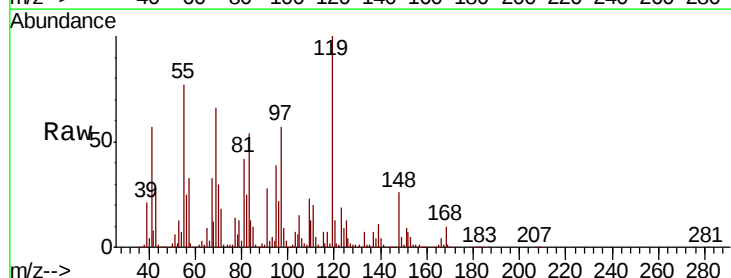
RT: 14.51 min Scan# 2067

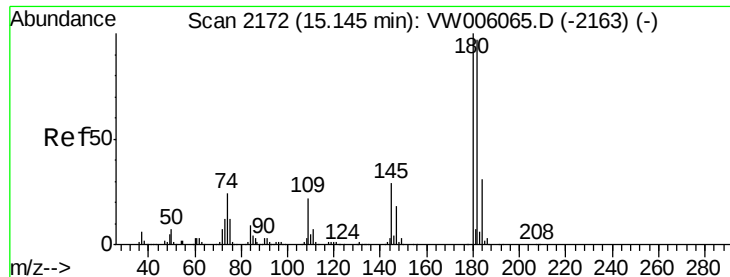
Delta R.T. 0.01 min

Lab File: VW006137.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	75	Resp:	8484
Ion Ratio	Lower	Upper	
75	100		
155	63.2	46.5	139.5
157	77.7	59.8	179.4





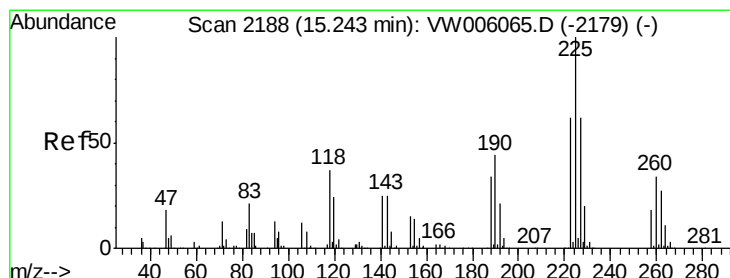
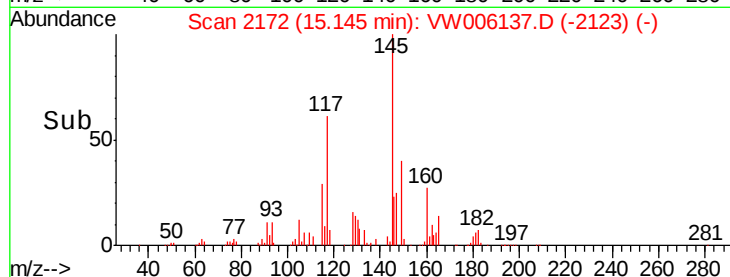
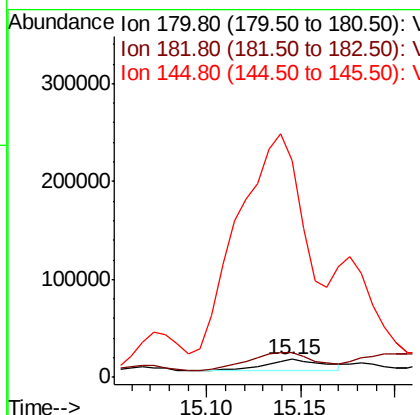
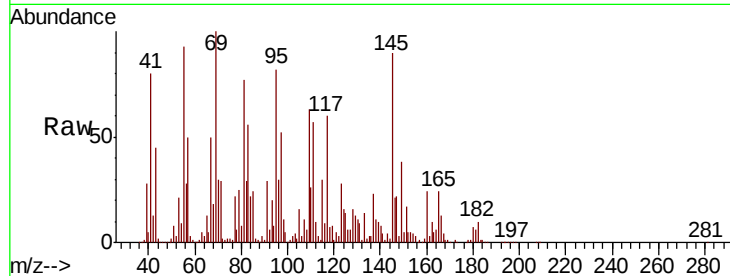
#93
 1,2,4-Trichlorobenzene
 Concen: 11.885 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Tot Ion:180 Resp: 26103
 Ion Ratio Lower Upper
 180 100
 182 171.9 47.9 143.6#
 145 2495.2 14.2 42.8

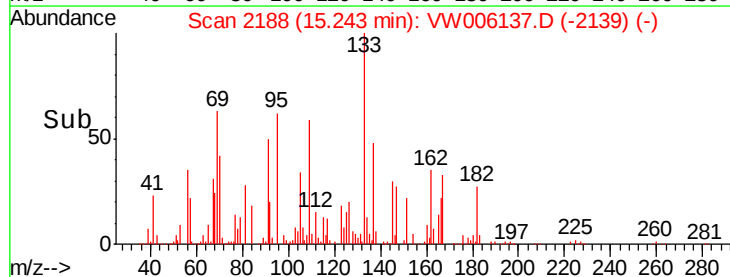
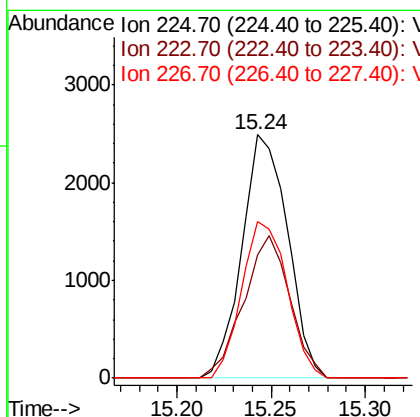
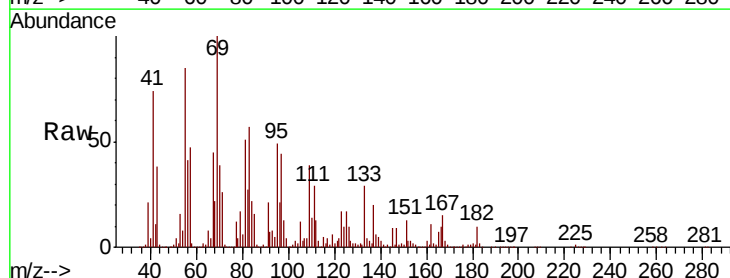
Manual Integrations
 APPROVED

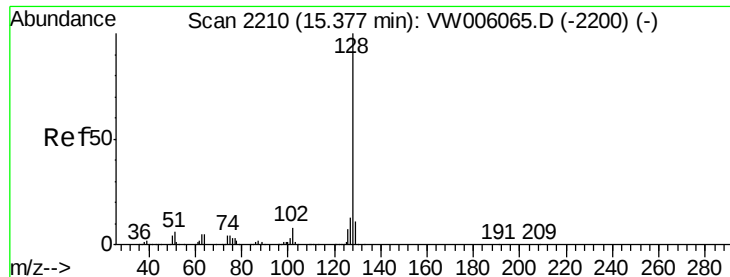
apatel
 10/18/2018 4:36:59 PM



#94
 Hexachlorobutadiene
 Concen: 3.036 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006137.D
 Acq: 17 Oct 2018 19:54

Tgt Ion:225 Resp: 4189
 Ion Ratio Lower Upper
 225 100
 223 59.4 31.1 93.5
 227 64.0 32.4 97.0





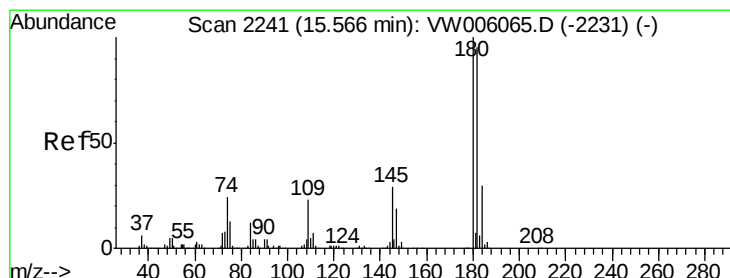
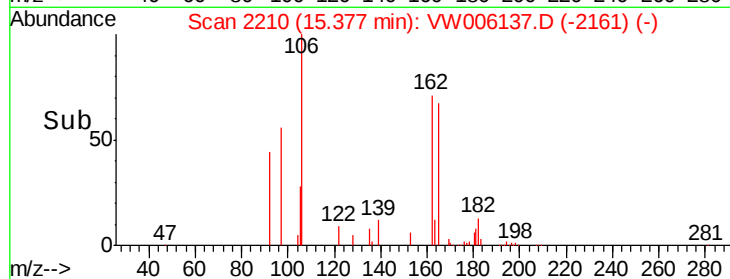
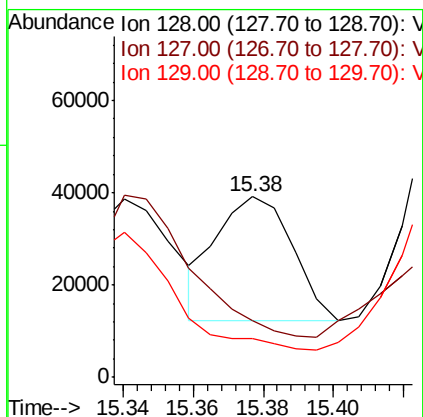
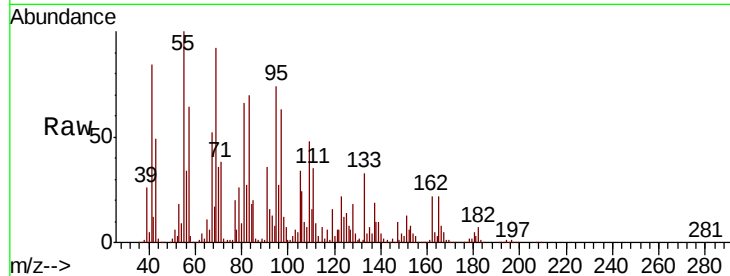
#95
Naphthalene
Concen: 11.020 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

Manual Integrations
APPROVED

apatel
10/18/2018 4:36:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.972 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW006137.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	1014.0	15.0	45.1#

