

Data File : VW003248.D
Acq On : 13 Jun 2018 16:32
Operator : VA/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM

Quant Time: Jun 14 08:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	402158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	28459	11.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.34%	
35) Dibromofluoromethane	7.88	113	24375	10.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.52%	
50) Toluene-d8	10.33	98	96964	10.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.02%	
62) 4-Bromofluorobenzene	12.62	95	33768	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6627	8.851 ug/l	96
3) Chloromethane	2.21	50	20042	10.138 ug/l	94
4) Vinyl Chloride	2.36	62	29831	9.760 ug/l	100
5) Bromomethane	2.78	94	19239	8.698 ug/l	100
6) Chloroethane	2.92	64	20038	8.672 ug/l	98
7) Trichlorofluoromethane	3.25	101	18075	10.564 ug/l	94
8) Diethyl Ether	3.68	74	13595	10.033 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24942	10.823 ug/l	96
10) Methyl Iodide	4.26	142	37231	9.848 ug/l	100
11) Tert butyl alcohol	5.24	59	7349m	44.078 ug/l	
12) 1,1-Dichloroethene	4.03	96	24774	10.674 ug/l	98
13) Acrolein	3.90	56	11927	68.570 ug/l	94
14) Allyl chloride	4.66	41	40486	10.517 ug/l	100
15) Acrylonitrile	5.39	53	26820	51.147 ug/l	99
16) Acetone	4.15	43	31087	61.141 ug/l	98
17) Carbon Disulfide	4.37	76	71759	10.250 ug/l	100
18) Methyl Acetate	4.67	43	12817	9.792 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	43420	9.947 ug/l	97
20) Methylene Chloride	4.91	84	33718	13.108 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	26192	10.359 ug/l	96
22) Diisopropyl ether	6.32	45	80498	10.257 ug/l	97
23) Vinyl Acetate	6.26	43	231773	50.172 ug/l	99
24) 1,1-Dichloroethane	6.21	63	49237	10.646 ug/l	97
25) 2-Butanone	7.19	43	38121	54.662 ug/l	93
26) 2,2-Dichloropropane	7.17	77	34796	12.201 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	28002	10.083 ug/l	94
28) Bromochloromethane	7.51	49	18014	9.652 ug/l	96
29) Tetrahydrofuran	7.55	42	22554	50.147 ug/l	98
30) Chloroform	7.68	83	50928	10.713 ug/l	98
31) Cyclohexane	7.96	56	47766	10.936 ug/l	# 88
32) 1,1,1-Trichloroethane	7.88	97	42033	10.915 ug/l	99
36) 1,1-Dichloropropene	8.09	75	40365	10.680 ug/l	98
37) Ethyl Acetate	7.26	43	16760	10.090 ug/l	99
38) Carbon Tetrachloride	8.07	117	38881	10.540 ug/l	98

Data File : VW003248.D
Acq On : 13 Jun 2018 16:32
Operator : VA/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM

Quant Time: Jun 14 08:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44242	9.882	ug/l	97
40) Benzene	8.33	78	108274	10.231	ug/l	100
41) Methacrylonitrile	7.49	41	9666	10.147	ug/l	97
42) 1,2-Dichloroethane	8.40	62	34340	10.436	ug/l	99
43) Isopropyl Acetate	8.43	43	32158	10.011	ug/l	100
44) Trichloroethene	9.10	130	29215	10.257	ug/l	100
45) 1,2-Dichloropropane	9.37	63	27548	10.367	ug/l	95
46) Dibromomethane	9.46	93	13774	9.699	ug/l	96
47) Bromodichloromethane	9.65	83	35888	10.348	ug/l	99
48) Methyl methacrylate	9.44	41	14021	9.184	ug/l	95
49) 1,4-Dioxane	9.49	88	4489	203.951	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	80069	49.049	ug/l	99
52) Toluene	10.39	92	69326	10.209	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	34838	9.754	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	40385	9.941	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20011	10.197	ug/l	93
56) Ethyl methacrylate	10.65	69	21738	8.937	ug/l	96
57) 1,3-Dichloropropane	10.94	76	34249	10.103	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	51608	46.517	ug/l	100
59) 2-Hexanone	10.98	43	55870	50.292	ug/l	100
60) Dibromochloromethane	11.13	129	22978	9.737	ug/l	99
61) 1,2-Dibromoethane	11.24	107	18477	9.771	ug/l	96
64) Tetrachloroethene	10.87	164	24538	9.573	ug/l	98
65) Chlorobenzene	11.66	112	78043	10.486	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	27188	10.473	ug/l	98
67) Ethyl Benzene	11.74	91	132210	10.045	ug/l	99
68) m/p-Xylenes	11.85	106	102015	20.274	ug/l	98
69) o-Xylene	12.17	106	46432	9.785	ug/l	99
70) Styrene	12.19	104	76172	9.614	ug/l	99
71) Bromoform	12.35	173	13346	9.620	ug/l #	100
73) Isopropylbenzene	12.47	105	130794	9.795	ug/l	100
74) N-amyl acetate	12.28	43	28184	9.159	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	23318	10.251	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	15948m	9.322	ug/l	
77) Bromobenzene	12.76	156	30865	9.804	ug/l	97
78) n-propylbenzene	12.81	91	161407	10.122	ug/l	99
79) 2-Chlorotoluene	12.90	91	91929	10.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	110855	9.955	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	6657	9.870	ug/l	93
82) 4-Chlorotoluene	12.99	91	98757	10.210	ug/l	100
83) tert-Butylbenzene	13.21	119	92050	9.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	112825	9.809	ug/l	100
85) sec-Butylbenzene	13.40	105	140451	10.088	ug/l	99
86) p-Isopropyltoluene	13.51	119	122460	9.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	65210	10.289	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65505	10.348	ug/l	97
89) n-Butylbenzene	13.83	91	118867	10.090	ug/l	99
90) Hexachloroethane	14.10	117	22466	10.161	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	56911	10.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4113	10.527	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (QT Reviewed)

Data File : VW003248.D
Acq On : 13 Jun 2018 16:32
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM

Quant Time: Jun 14 08:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	39480	9.826	ug/l	98
94) Hexachlorobutadiene	15.25	225	24921	10.585	ug/l	98
95) Naphthalene	15.38	128	62690	8.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	34733	9.821	ug/l	98

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

Data File : VW003248.D

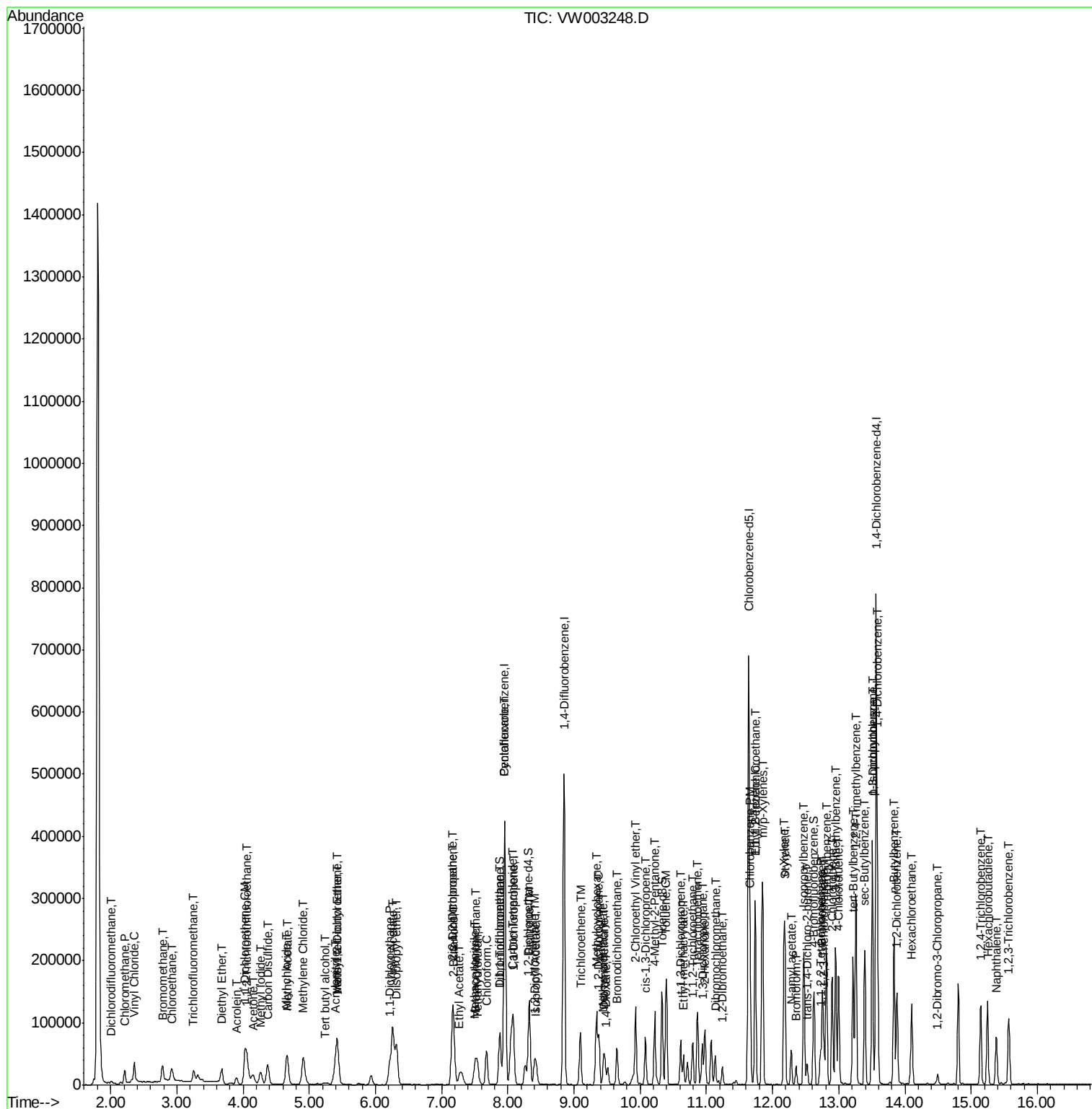
```
Acq On       : 13 Jun 2018   16:32
Operator     : VA/AP
Sample       : VSTDIC010
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 5      Sample Multiplier: 1
```

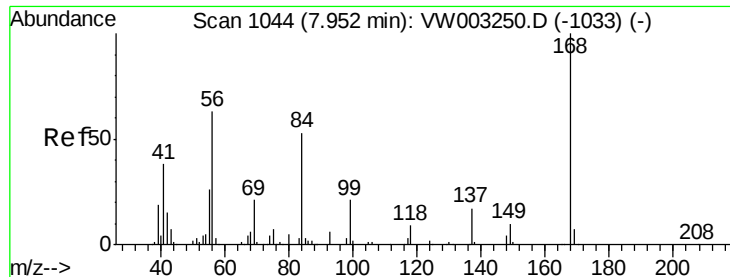
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

apatel
6/14/2018 10:02:28 AM

Quant Time: Jun 14 08:02:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 168 Resp: 257838

Ion Ratio Lower Upper

168 100

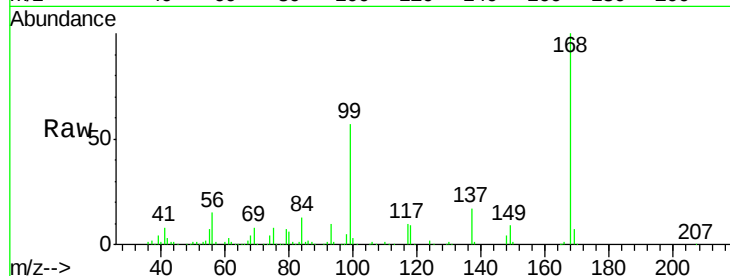
99 57.3 45.5 68.3

Manual Integrations

APPROVED

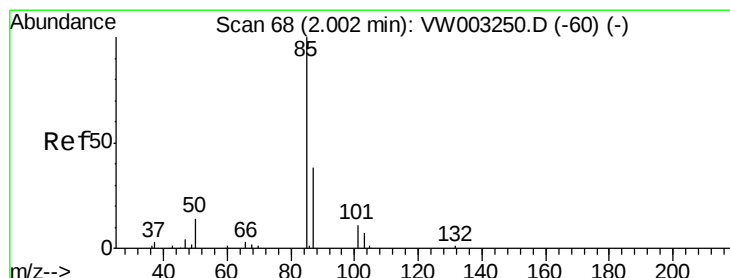
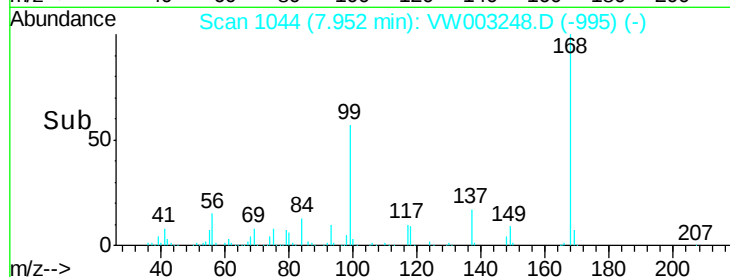
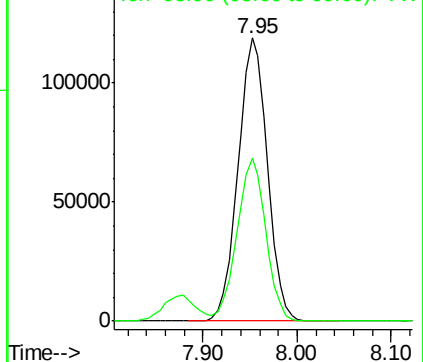
apatel

6/14/2018 10:02:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 8.851 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003248.D

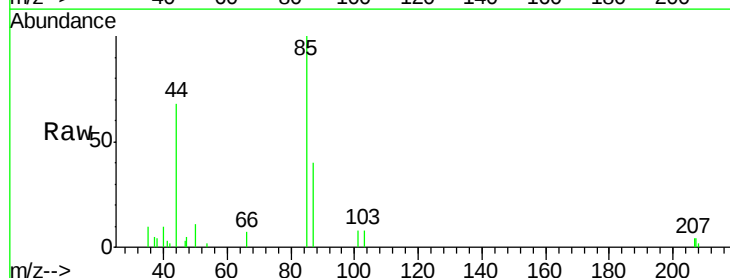
Acq: 13 Jun 2018 16:32

Tgt Ion: 85 Resp: 6627

Ion Ratio Lower Upper

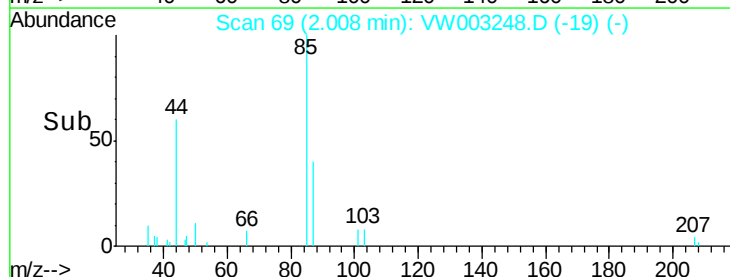
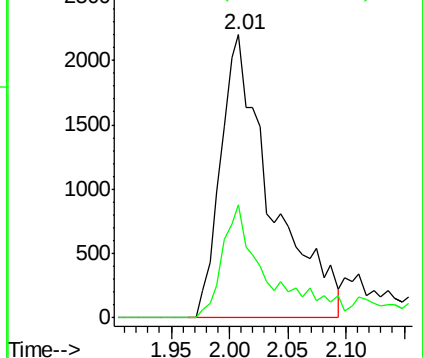
85 100

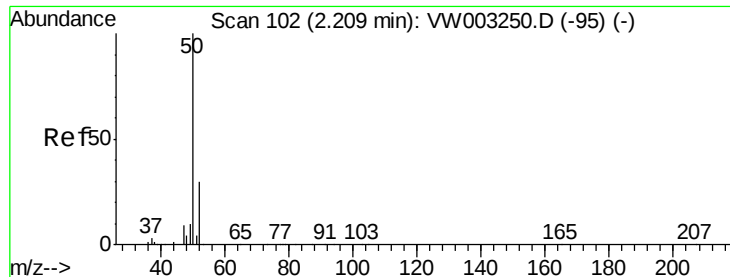
87 39.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.138 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 50 Resp: 20042

Ion Ratio Lower Upper

50 100

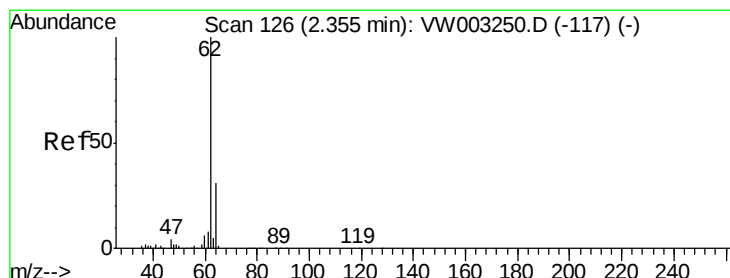
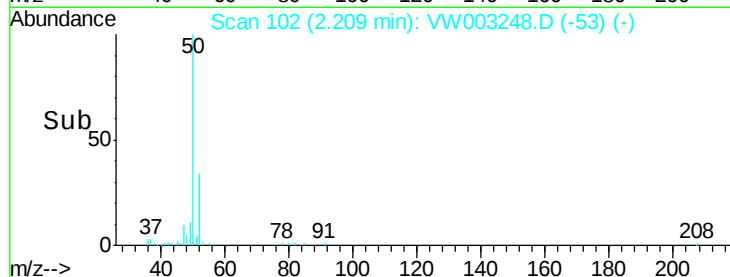
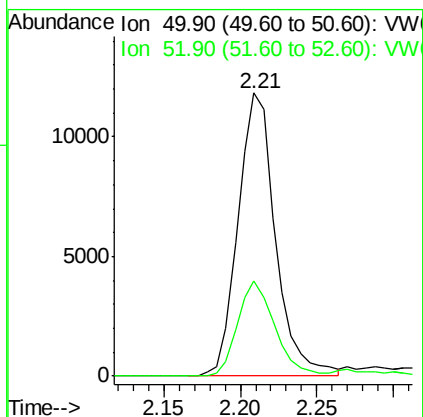
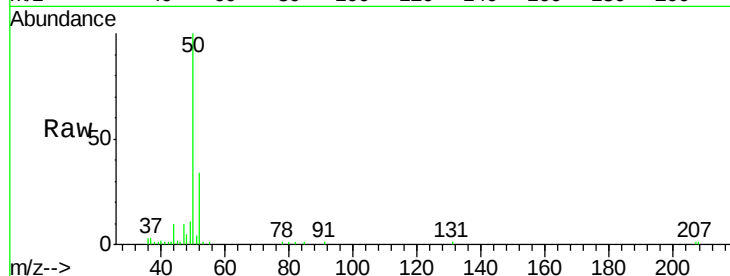
52 33.6 24.2 36.2

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#4

Vinyl Chloride

Concen: 9.760 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003248.D

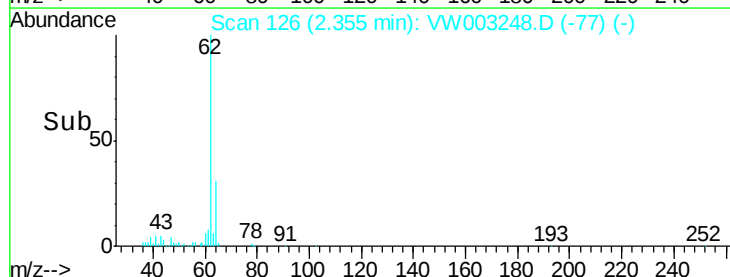
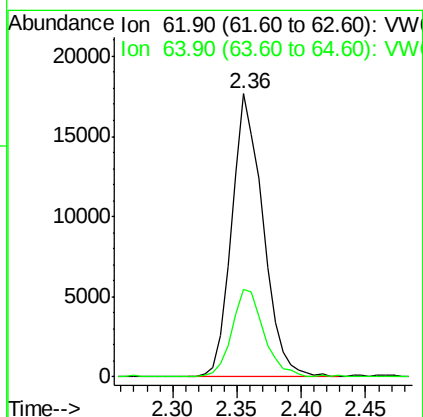
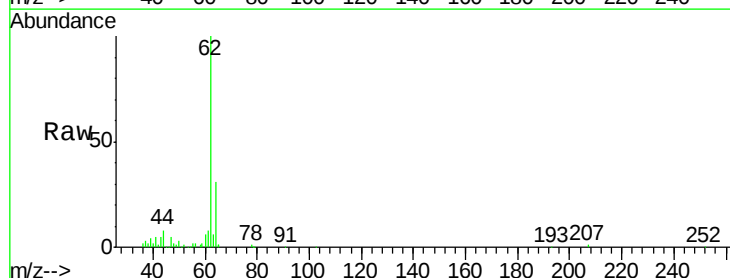
Acq: 13 Jun 2018 16:32

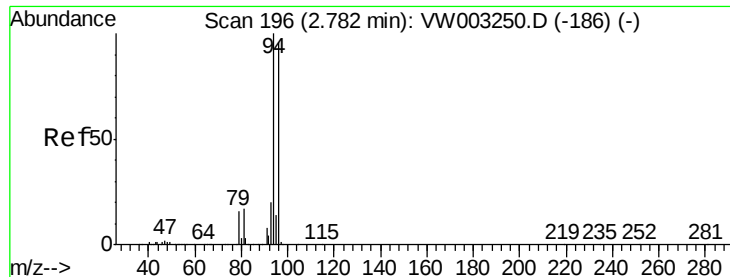
Tgt Ion: 62 Resp: 29831

Ion Ratio Lower Upper

62 100

64 31.0 24.9 37.3





#5

Bromomethane

Concen: 8.698 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 94 Resp: 19239

Ion Ratio Lower Upper

94 100

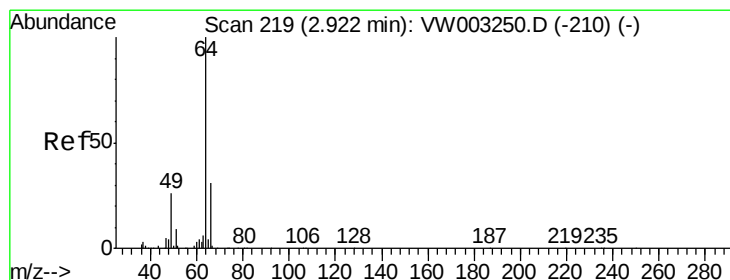
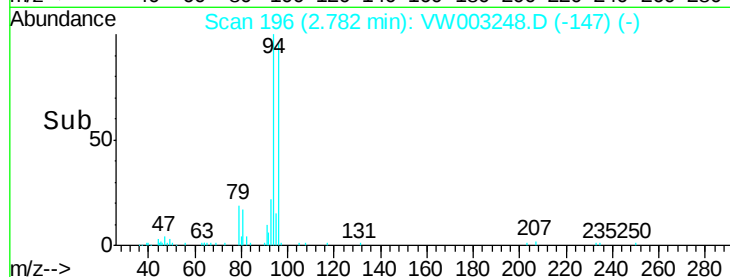
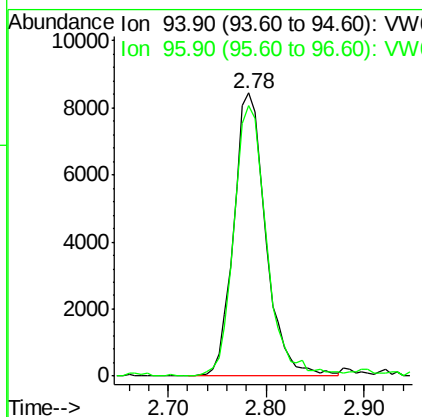
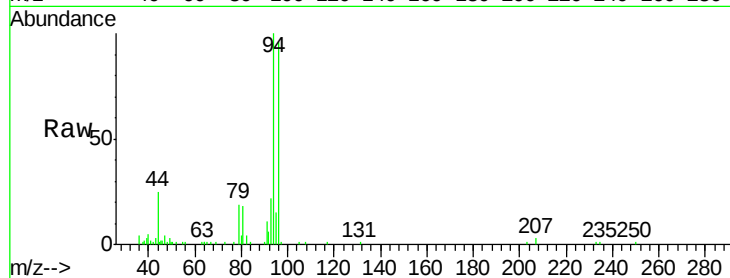
96 95.8 76.5 114.7

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#6

Chloroethane

Concen: 8.672 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003248.D

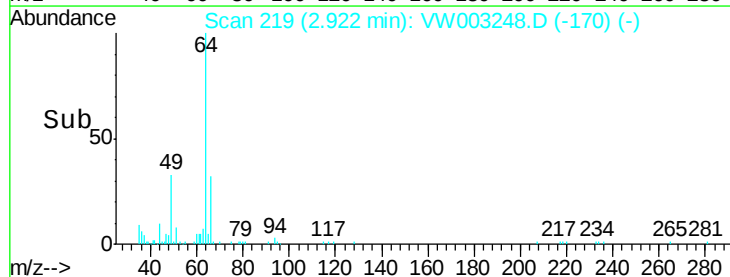
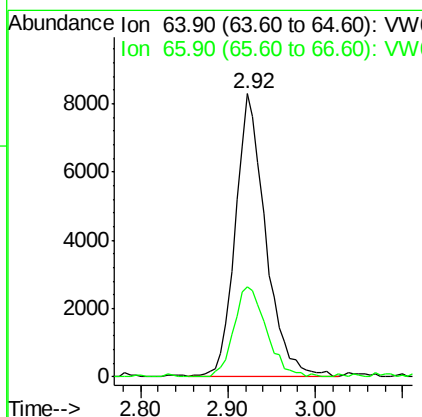
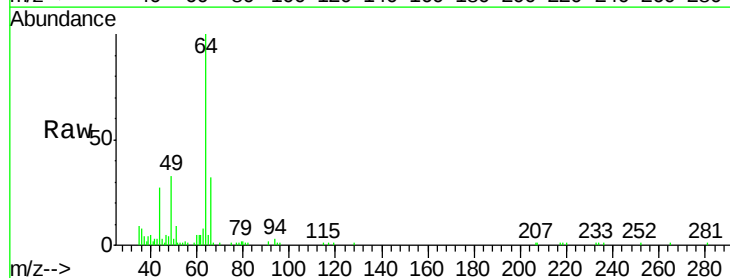
Acq: 13 Jun 2018 16:32

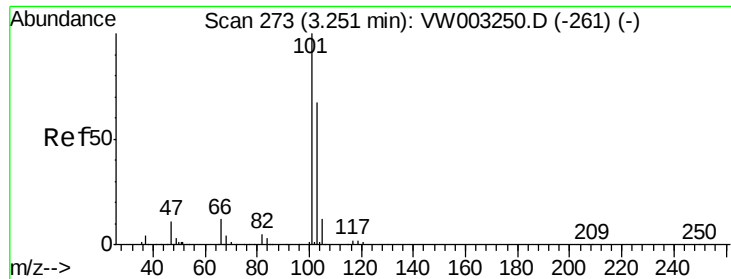
Tgt Ion: 64 Resp: 20038

Ion Ratio Lower Upper

64 100

66 31.8 24.4 36.6





#7

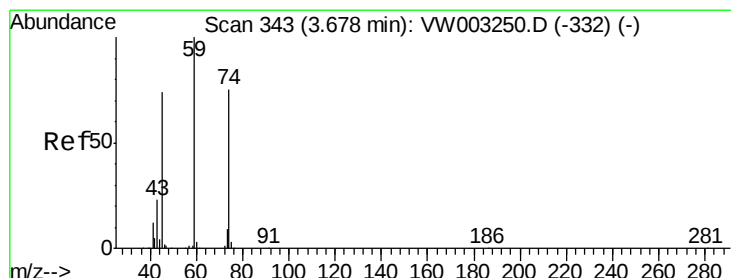
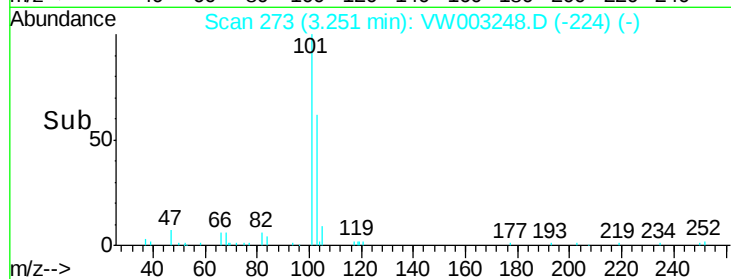
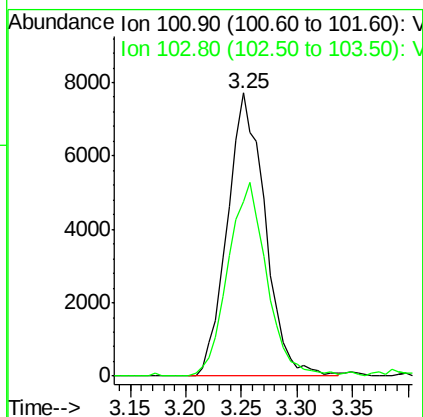
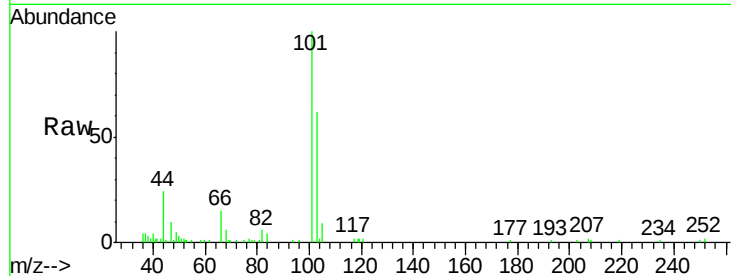
Trichlorofluoromethane
Concen: 10.564 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.9	53.4	80.0

Manual Integrations
APPROVED

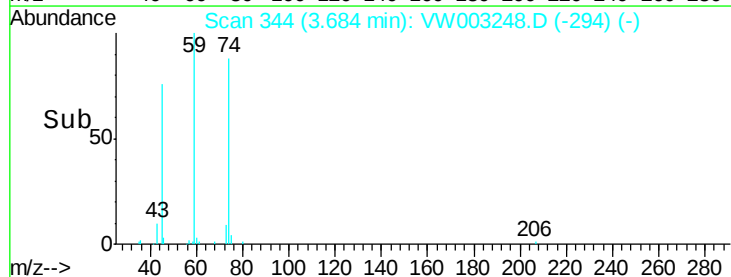
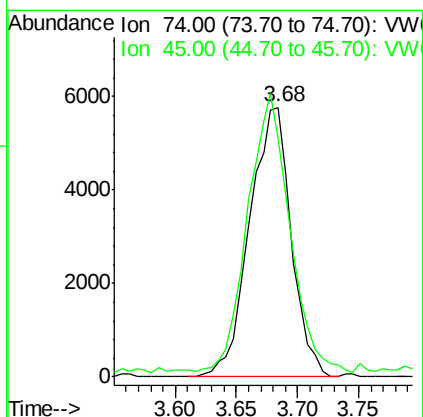
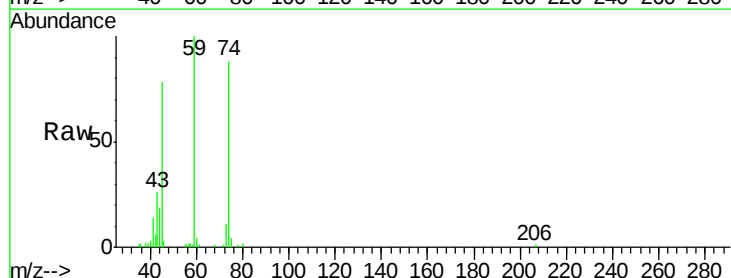
apatel
6/14/2018 10:02:28 AM

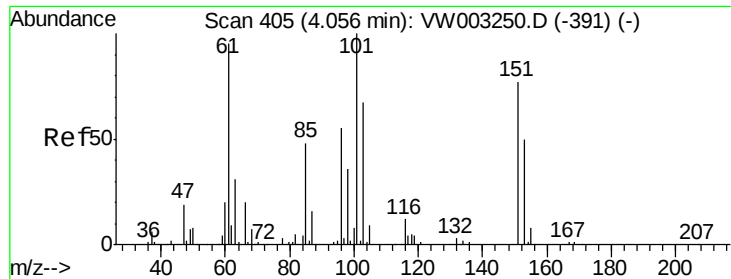


#8

Diethyl Ether
Concen: 10.033 ug/l
RT: 3.68 min Scan# 344
Delta R.T. 0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.823 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

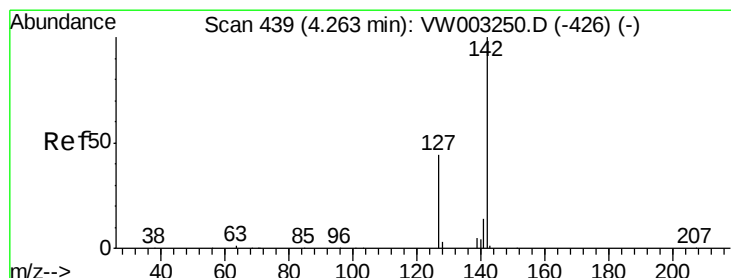
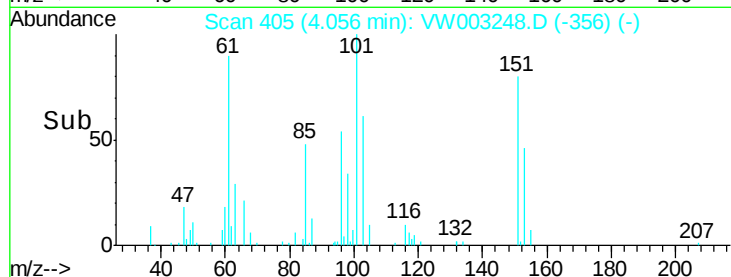
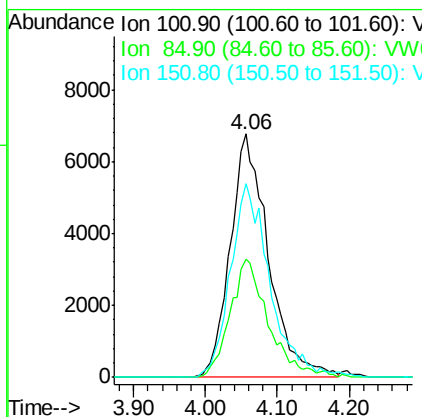
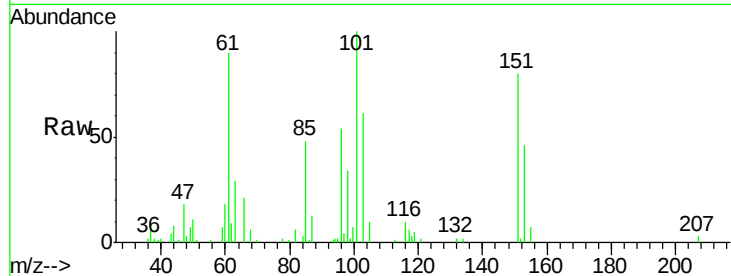
ClientSampleId :

VSTDIC010

Tgt Ion:	101	Resp:	24942
Ion Ratio	Lower	Upper	
101	100		
85	48.7	37.0	55.6
151	82.5	63.3	94.9

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#10

Methyl Iodide

Concen: 9.848 ug/l

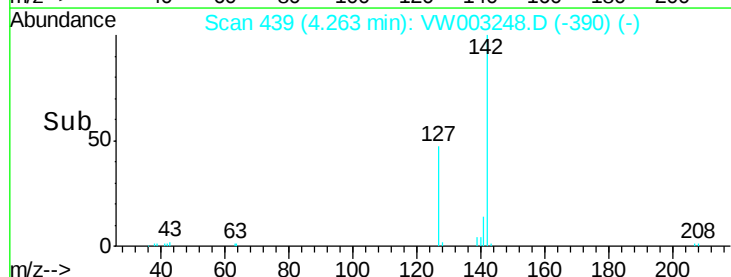
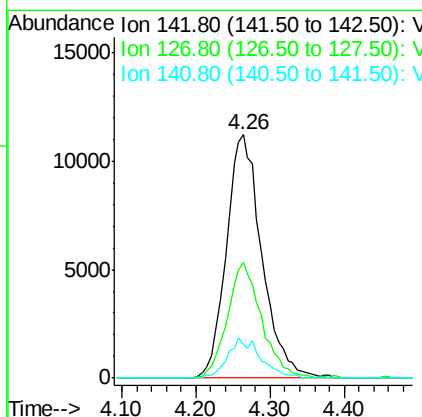
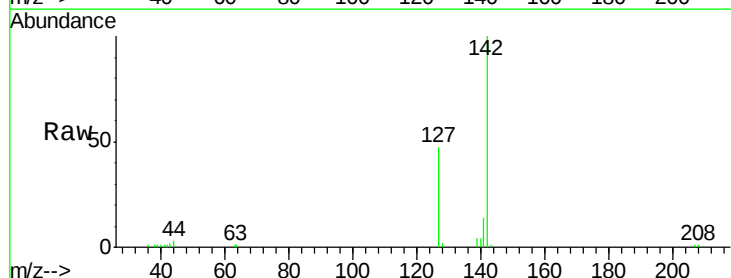
RT: 4.26 min Scan# 439

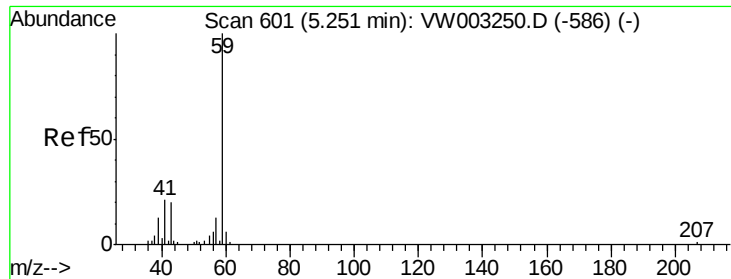
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	142	Resp:	37231
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.5	54.7
141	15.2	12.1	18.1





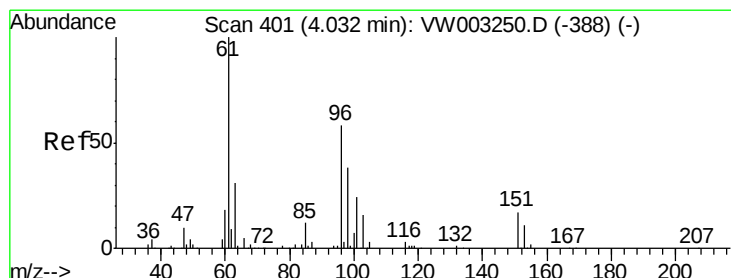
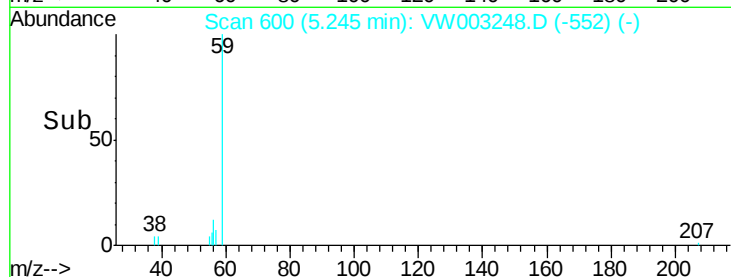
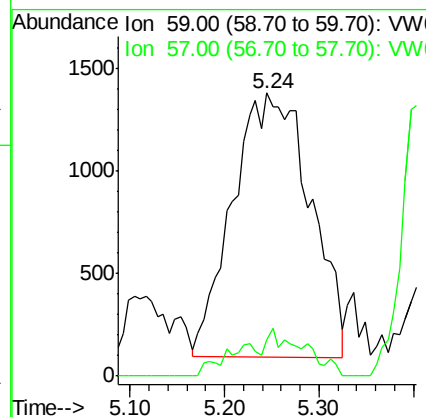
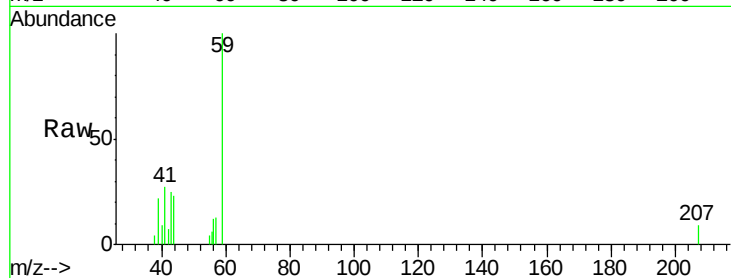
#11
Tert butyl alcohol
Concen: 44.078 ug/l m
RT: 5.24 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 59 Resp: 7349
Ion Ratio Lower Upper
59 100
57 5.6 4.2 6.2

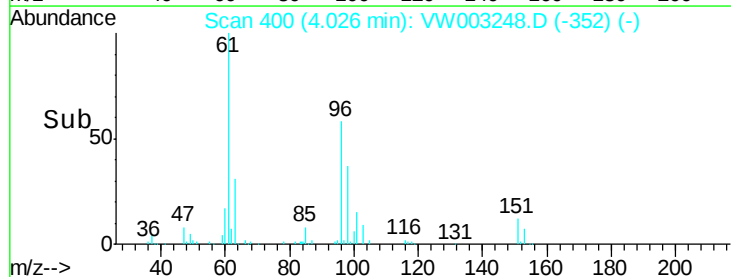
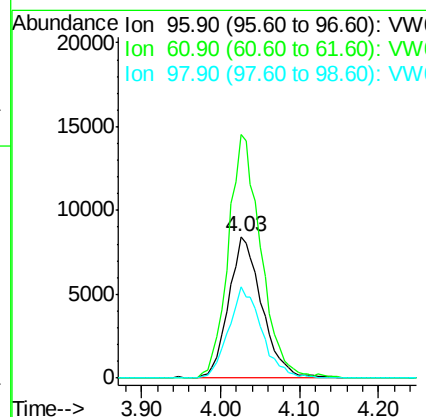
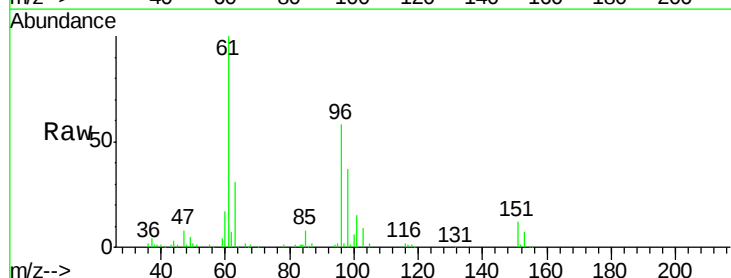
Manual Integrations
APPROVED

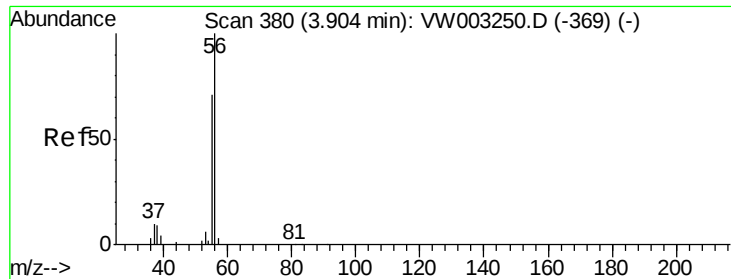
apatel
6/14/2018 10:02:28 AM



#12
1,1-Dichloroethene
Concen: 10.674 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 96 Resp: 24774
Ion Ratio Lower Upper
96 100
61 172.3 139.0 208.4
98 64.3 53.3 79.9





#13

Acrolein

Concen: 68.570 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 56 Resp: 11927

Ion Ratio Lower Upper

56 100

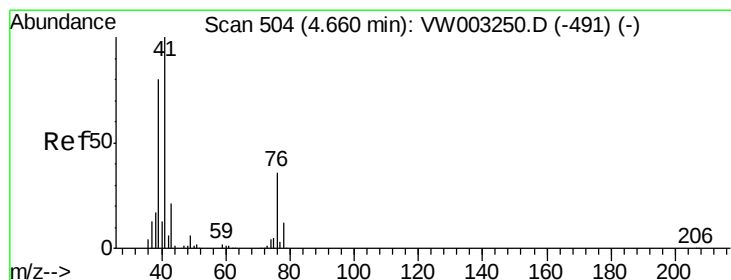
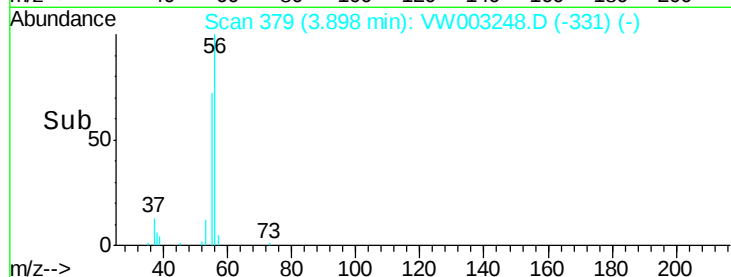
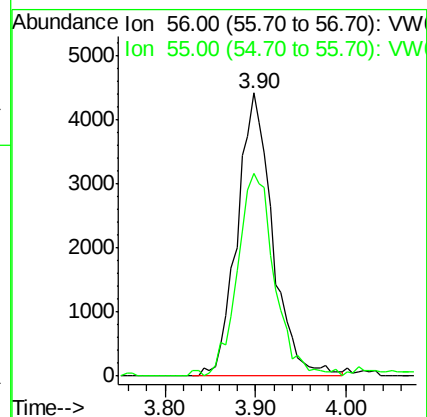
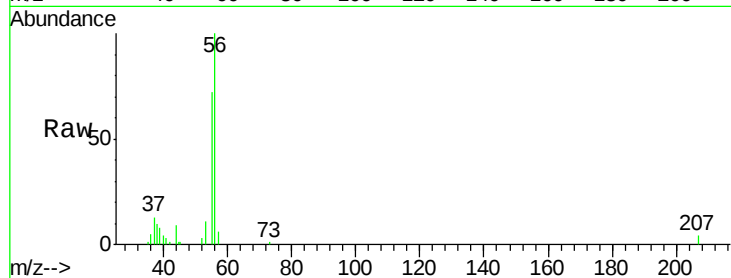
55 74.2 55.4 83.2

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#14

Allyl chloride

Concen: 10.517 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

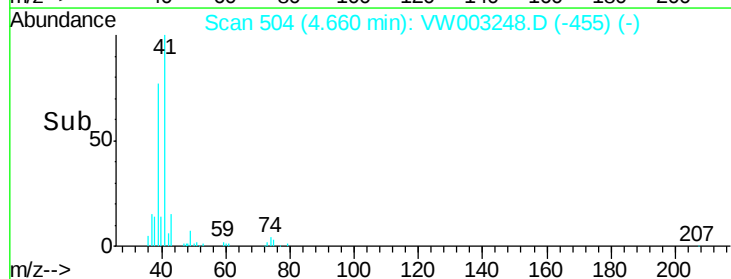
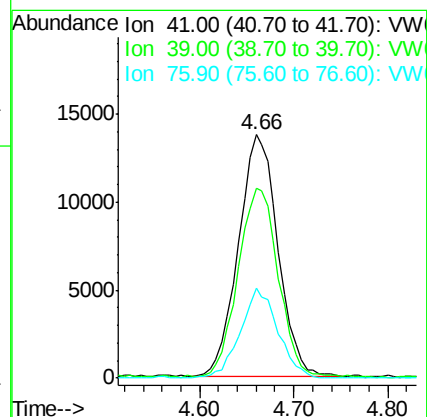
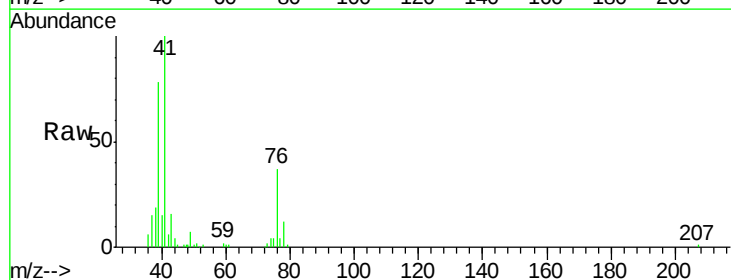
Tgt Ion: 41 Resp: 40486

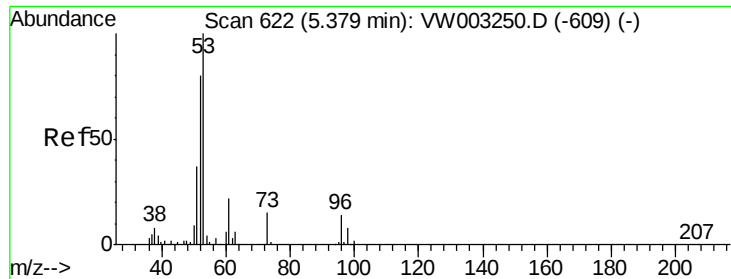
Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

76 35.0 28.0 42.0





#15

Acrylonitrile

Concen: 51.147 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

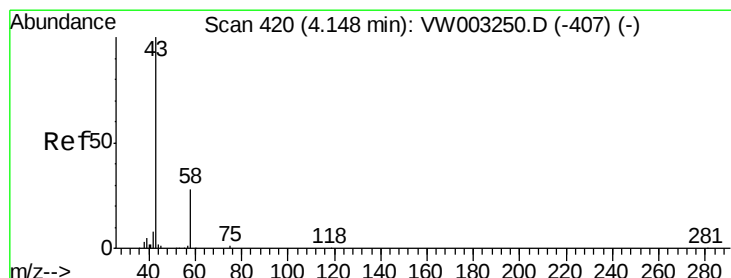
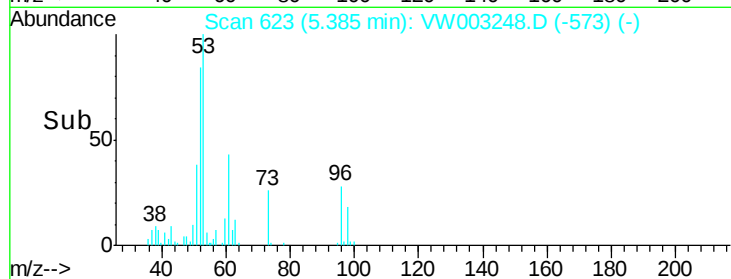
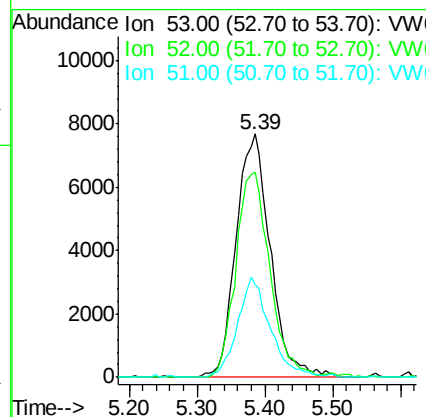
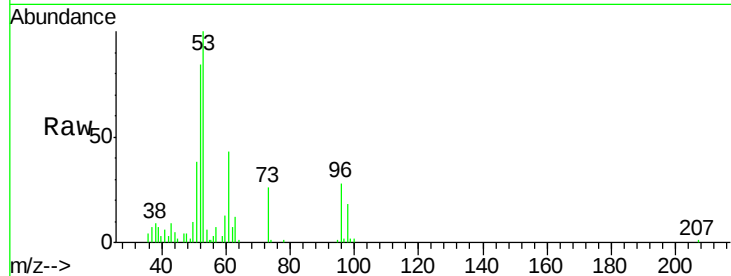
ClientSampleId :

VSTDIC010

Tgt Ion:	53	Resp:	26820
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	100.0
51	39.4	30.6	46.0

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#16

Acetone

Concen: 61.141 ug/l

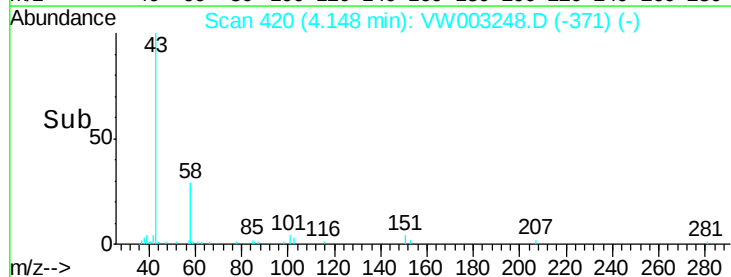
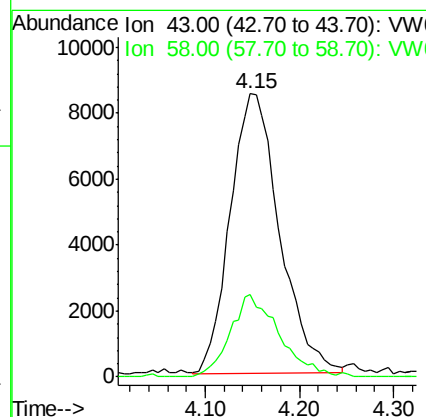
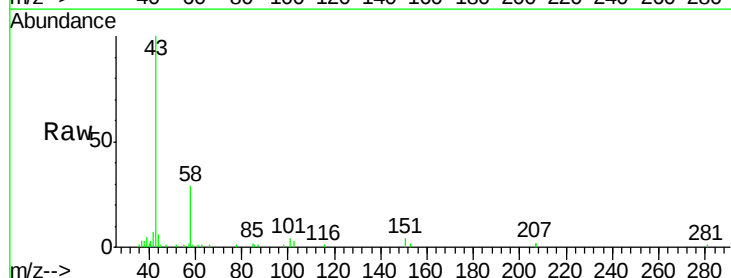
RT: 4.15 min Scan# 420

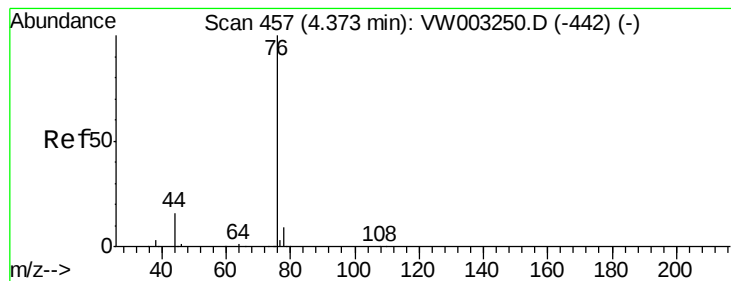
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	43	Resp:	31087
Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.6	34.0





#17

Carbon Disulfide

Concen: 10.250 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 71759

Ion Ratio Lower Upper

76 100

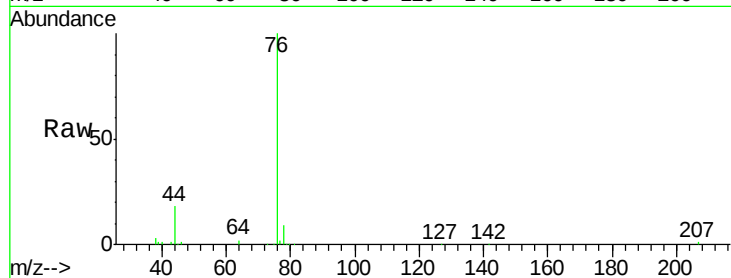
78 8.8 7.1 10.7

Manual Integrations

APPROVED

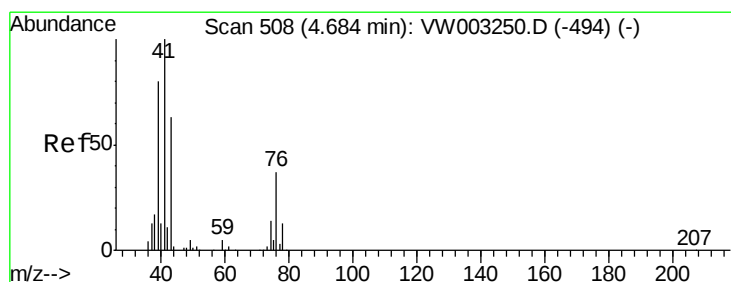
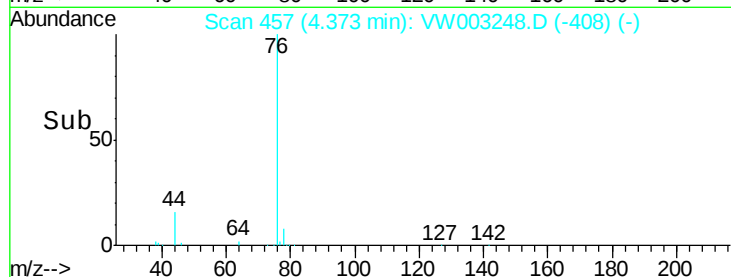
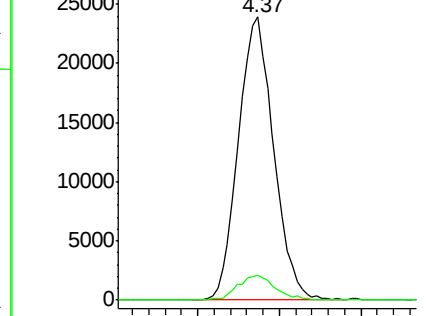
apatel

6/14/2018 10:02:28 AM



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.792 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003248.D

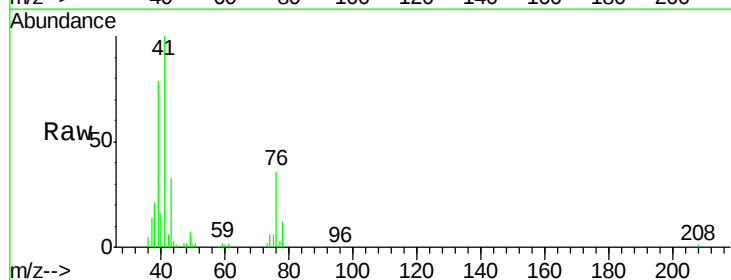
Acq: 13 Jun 2018 16:32

Tgt Ion: 43 Resp: 12817

Ion Ratio Lower Upper

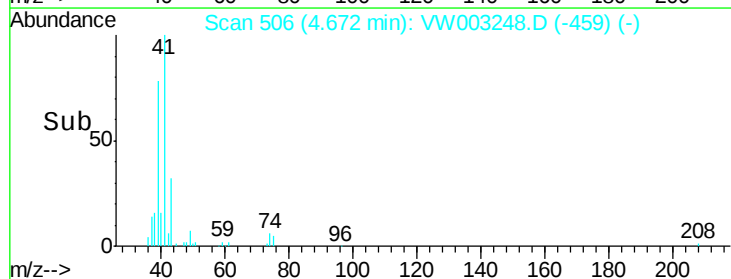
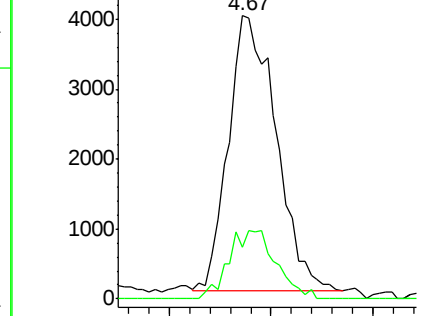
43 100

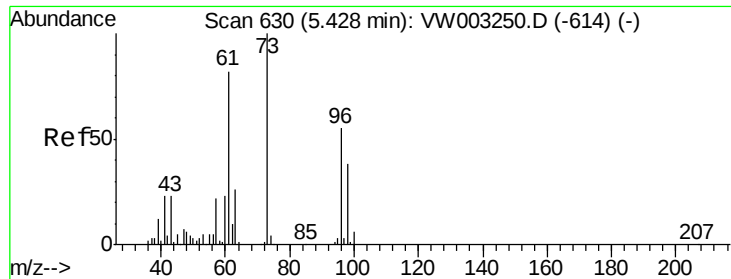
74 24.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





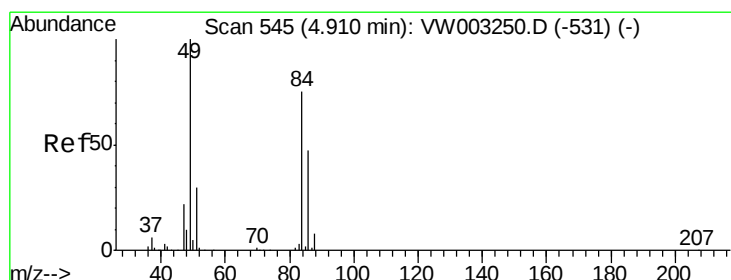
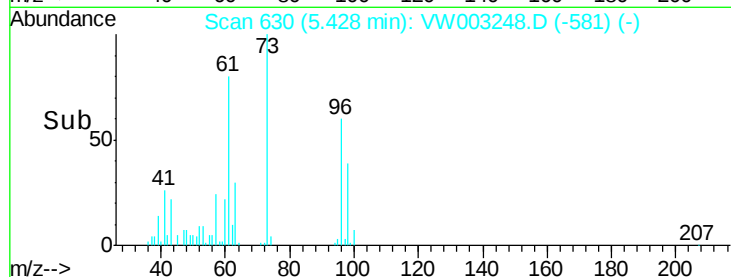
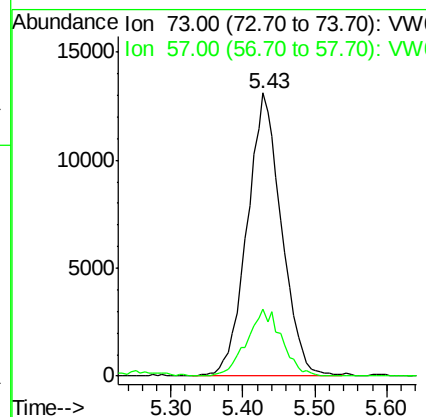
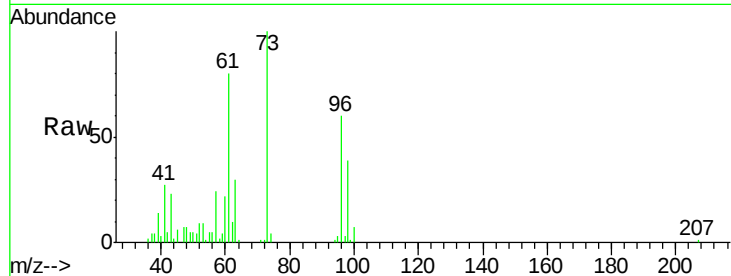
#19
Methyl tert-butyl Ether
Concen: 9.947 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 43420
Ion Ratio Lower Upper
73 100
57 23.9 18.0 27.0

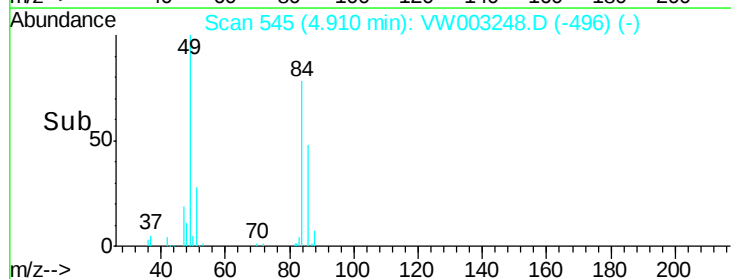
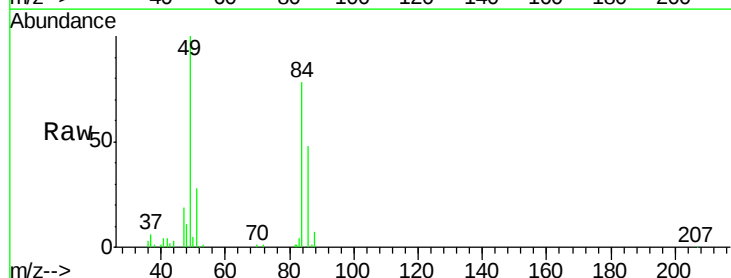
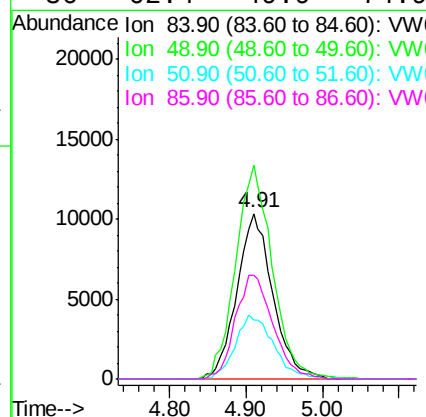
Manual Integrations
APPROVED

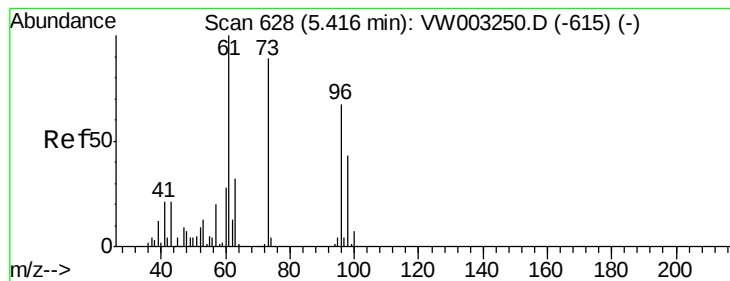
apatel
6/14/2018 10:02:28 AM



#20
Methylene Chloride
Concen: 13.108 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 84 Resp: 33718
Ion Ratio Lower Upper
84 100
49 128.9 106.3 159.5
51 35.5 32.0 48.0
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 10.359 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

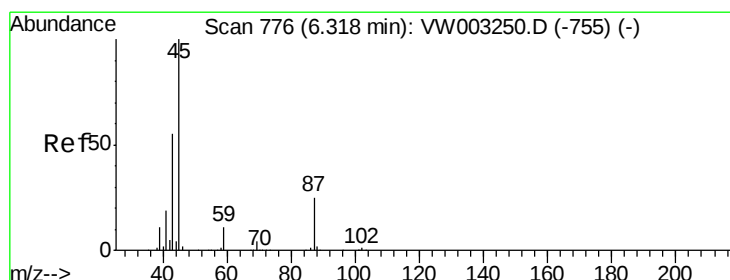
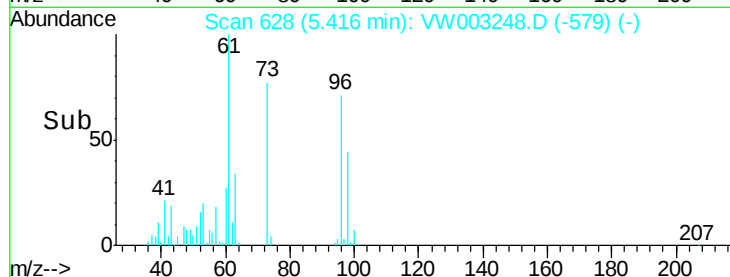
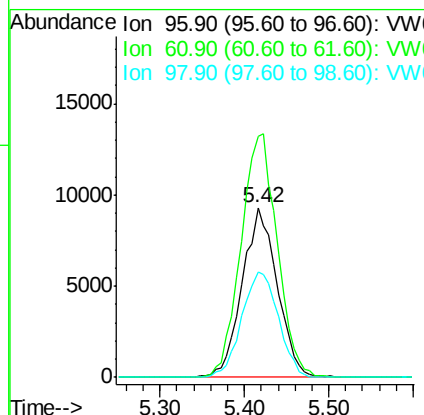
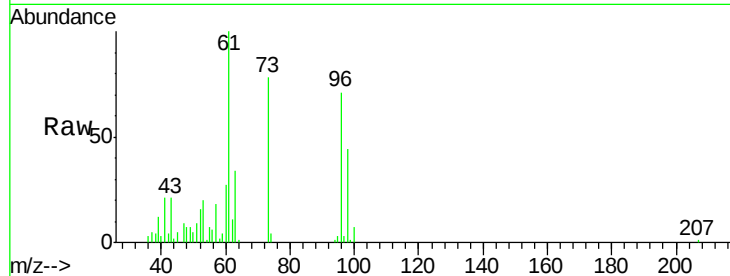
ClientSampleId :

VSTDIC010

Tgt Ion:	96	Resp:	26192
Ion	Ratio	Lower	Upper
96	100		
61	141.8	118.7	178.1
98	62.2	51.0	76.6

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#22

Diisopropyl ether

Concen: 10.257 ug/l

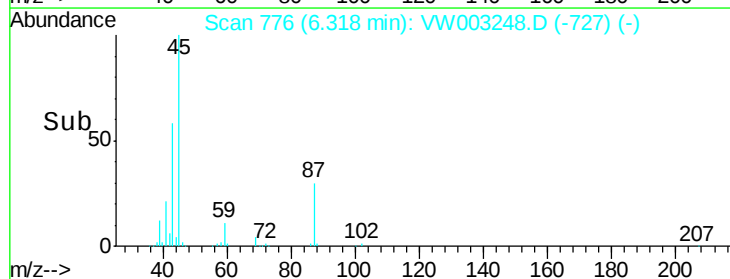
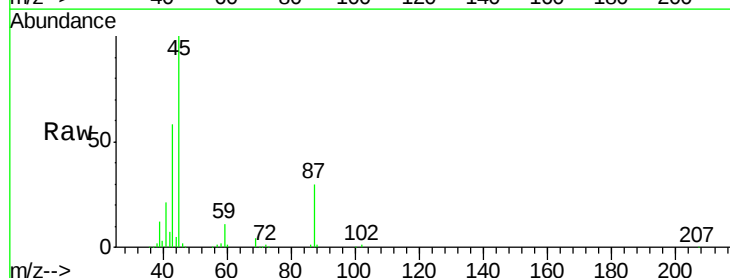
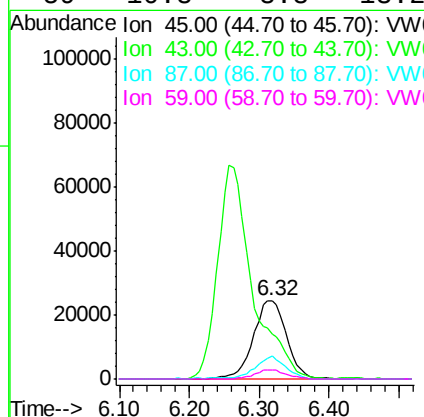
RT: 6.32 min Scan# 776

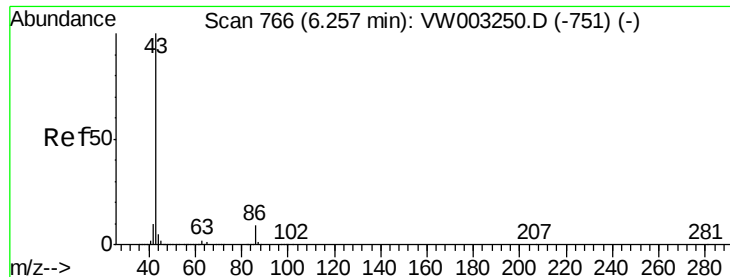
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	45	Resp:	80498
Ion	Ratio	Lower	Upper
45	100		
43	56.3	44.0	66.0
87	29.6	20.6	31.0
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 50.172 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 231773

Ion Ratio Lower Upper

43 100

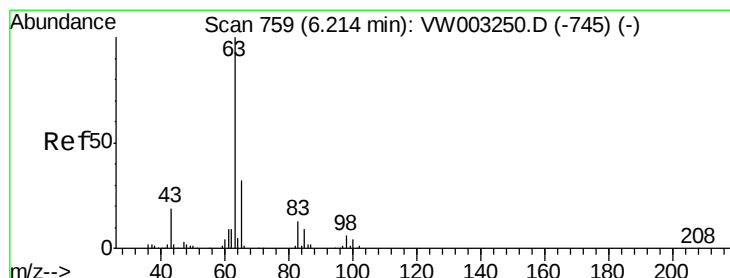
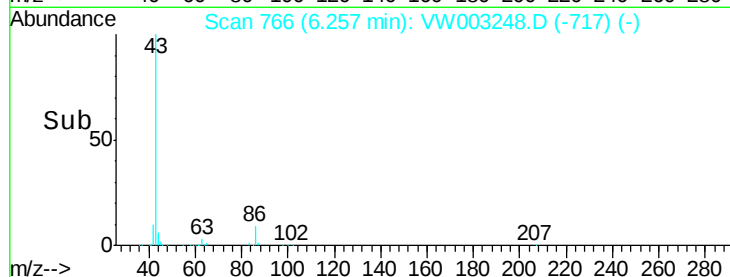
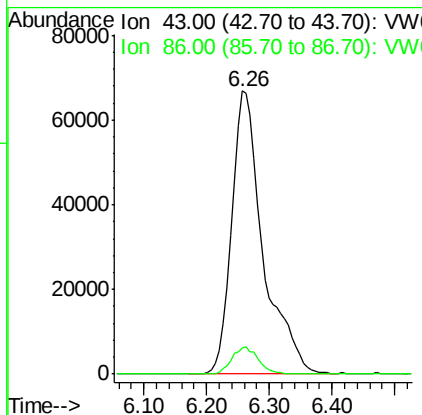
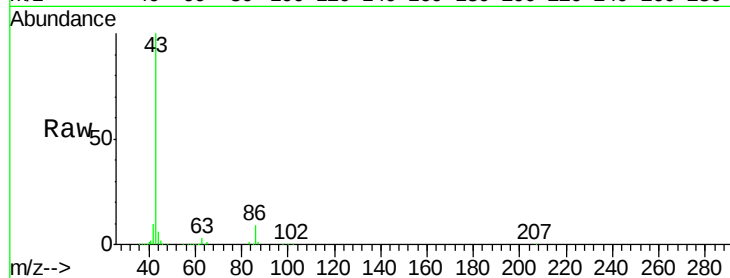
86 9.2 7.5 11.3

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#24

1,1-Dichloroethane

Concen: 10.646 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

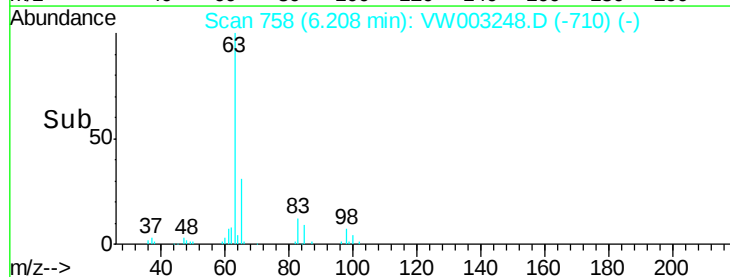
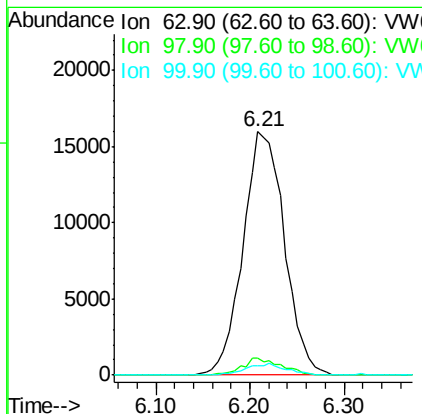
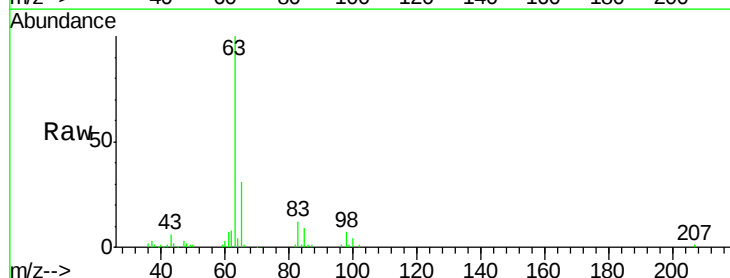
Tgt Ion: 63 Resp: 49237

Ion Ratio Lower Upper

63 100

98 7.1 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 54.662 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 38121

Ion Ratio Lower Upper

43 100

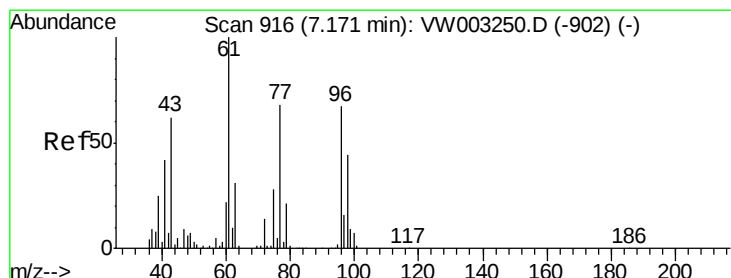
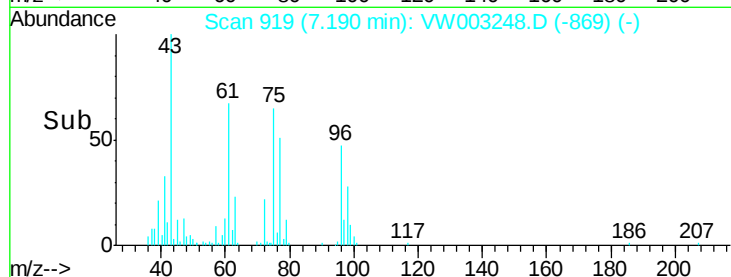
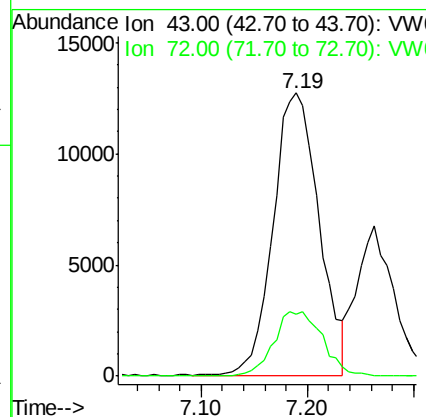
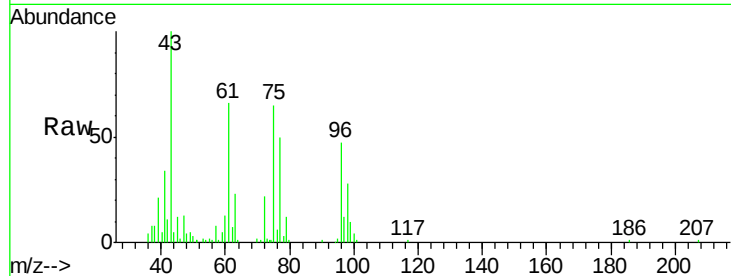
72 21.9 20.3 30.5

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#26

2,2-Dichloropropane

Concen: 12.201 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003248.D

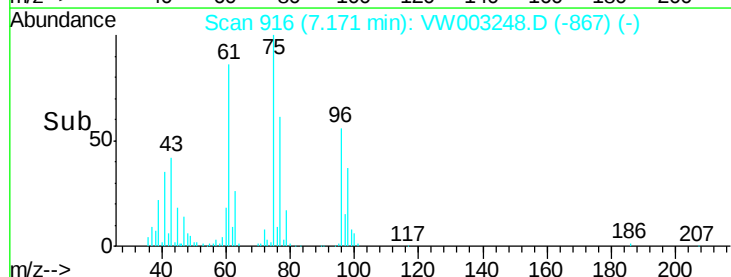
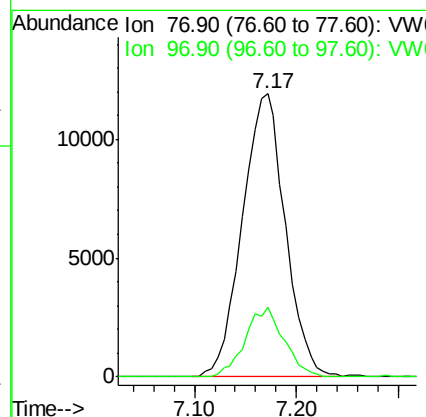
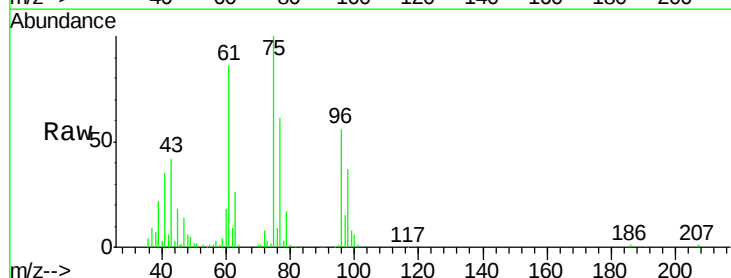
Acq: 13 Jun 2018 16:32

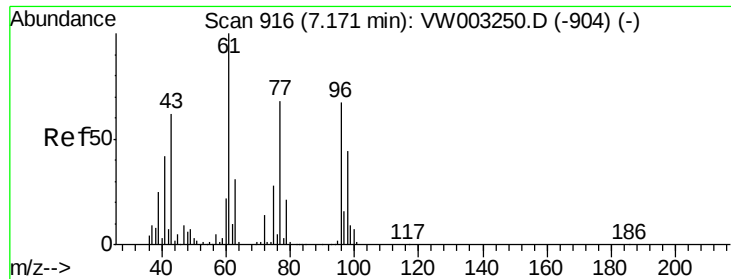
Tgt Ion: 77 Resp: 34796

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9





#27

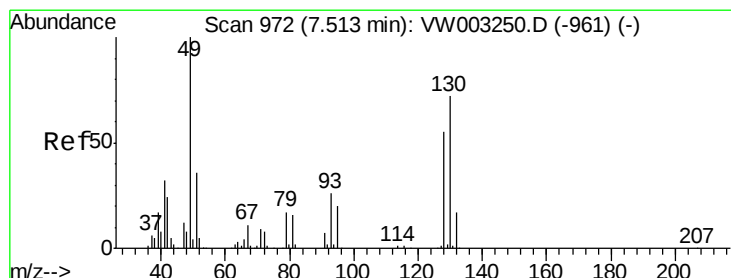
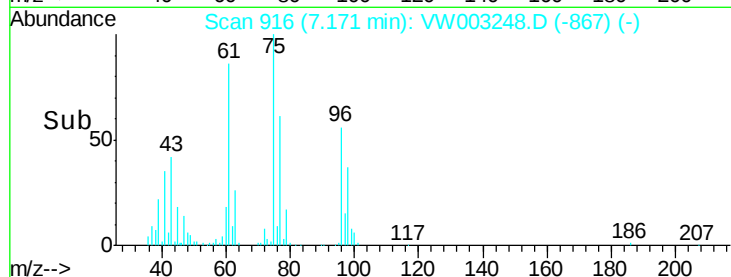
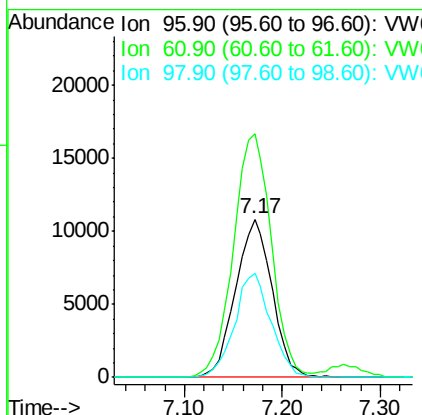
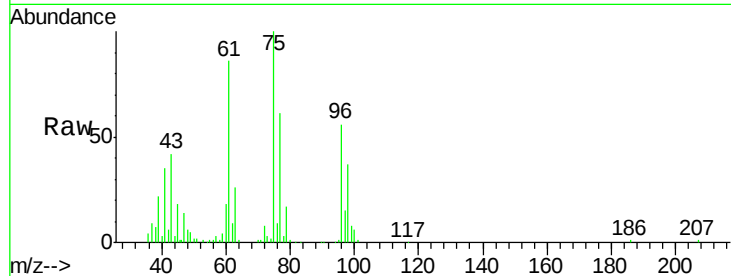
cis-1,2-Dichloroethene
Concen: 10.083 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	0.0	298.8
98	65.5	0.0	130.4

Manual Integrations
APPROVED

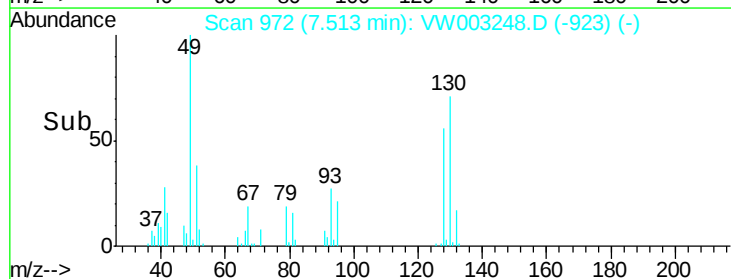
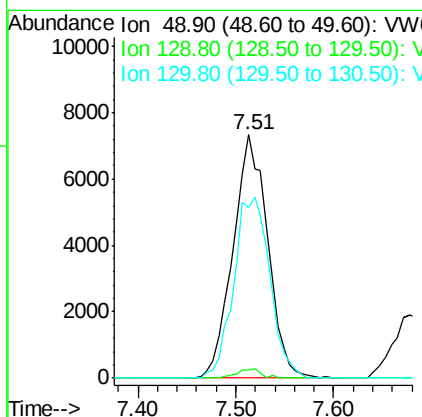
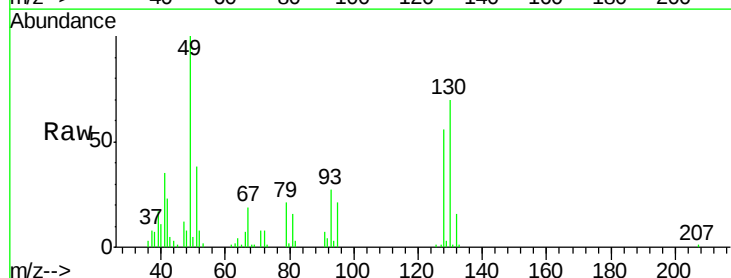
apatel
6/14/2018 10:02:28 AM

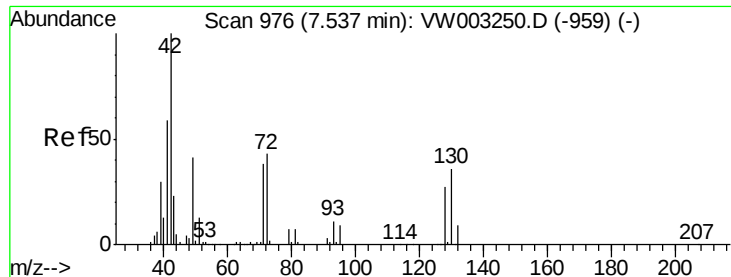


#28

Bromochloromethane
Concen: 9.652 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	77.7	59.4	89.2





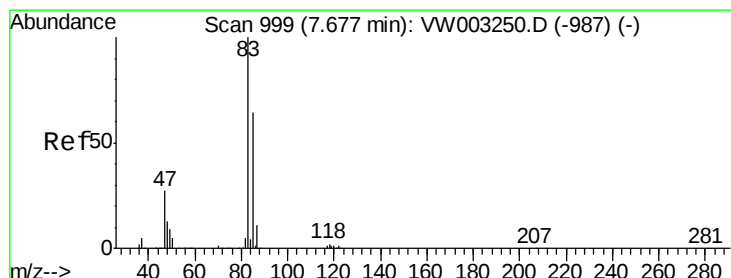
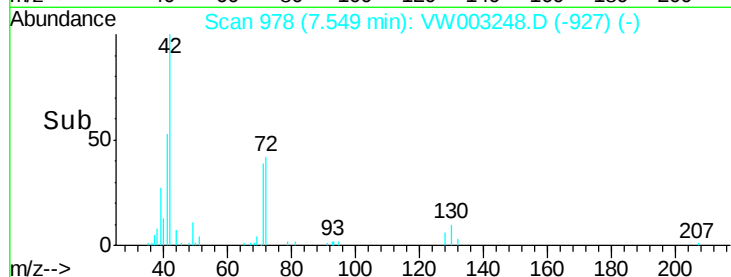
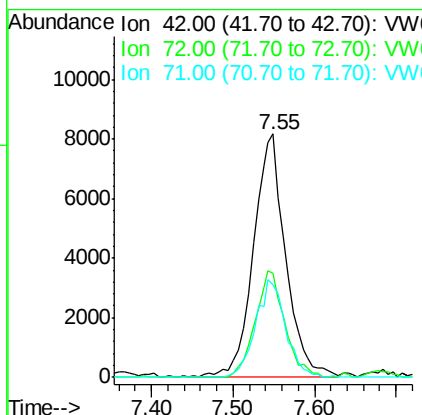
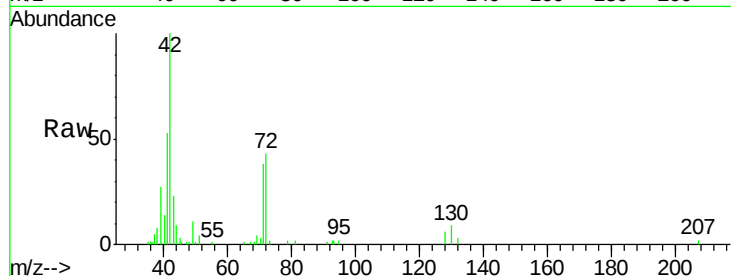
#29
Tetrahydrofuran
Concen: 50.147 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.4	48.6
71	37.1	31.2	46.8

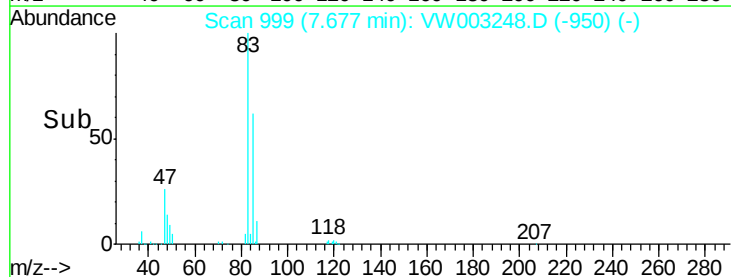
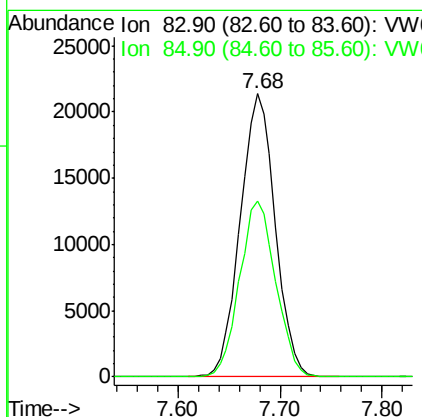
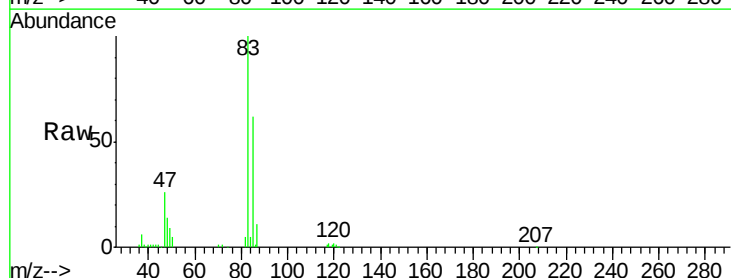
Manual Integrations
APPROVED

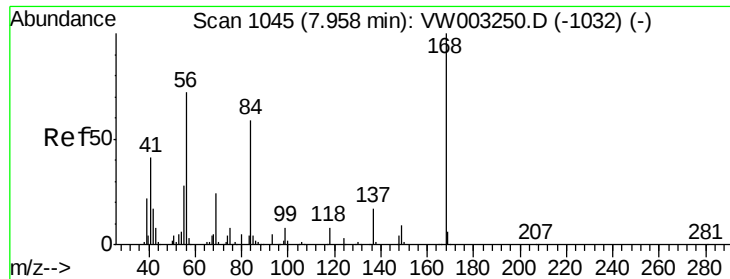
apatel
6/14/2018 10:02:28 AM



#30
Chloroform
Concen: 10.713 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.3	76.9





#31

Cyclohexane

Concen: 10.936 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

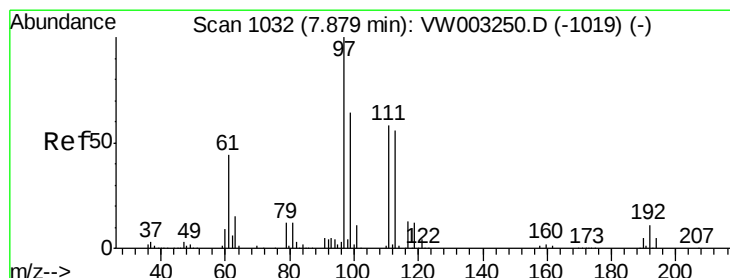
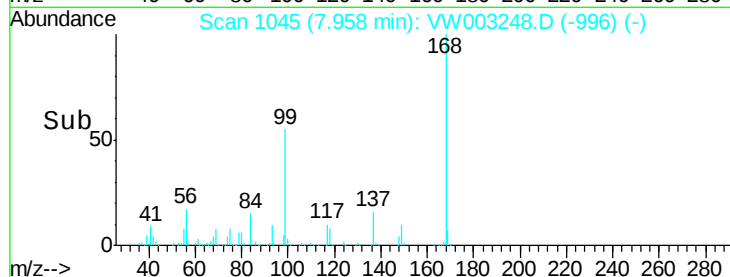
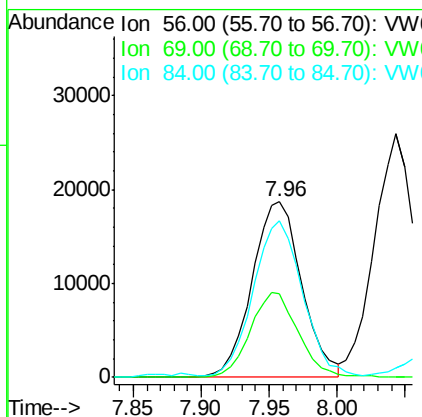
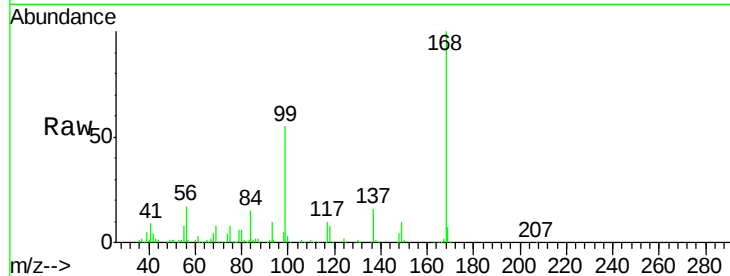
ClientSampled :

VSTDIC010

Tgt Ion:	56	Resp:	47766
Ion Ratio	Lower	Upper	
56	100		
69	48.0	26.3	39.5#
84	88.1	65.7	98.5

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#32

1,1,1-Trichloroethane

Concen: 10.915 ug/l

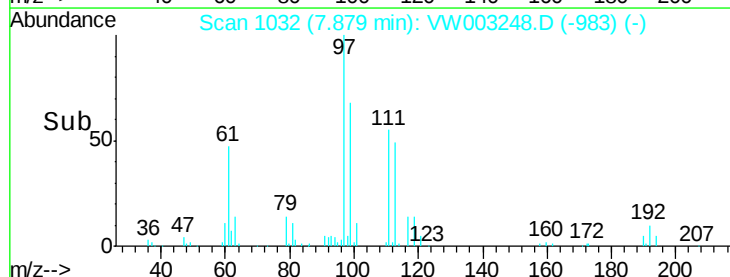
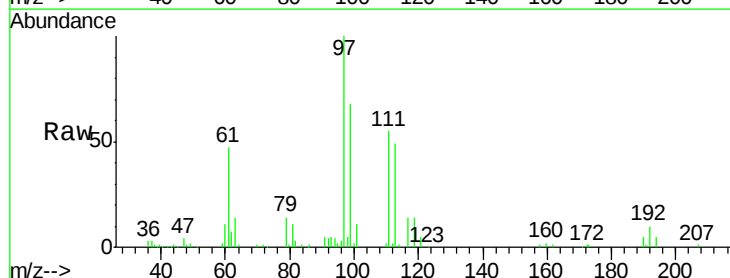
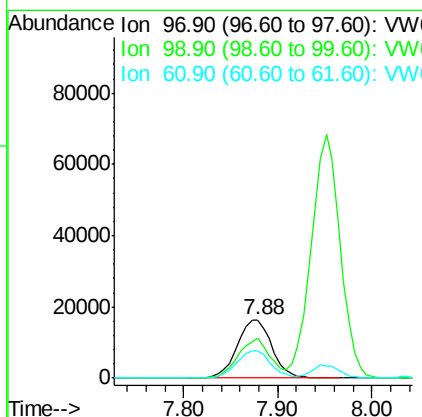
RT: 7.88 min Scan# 1032

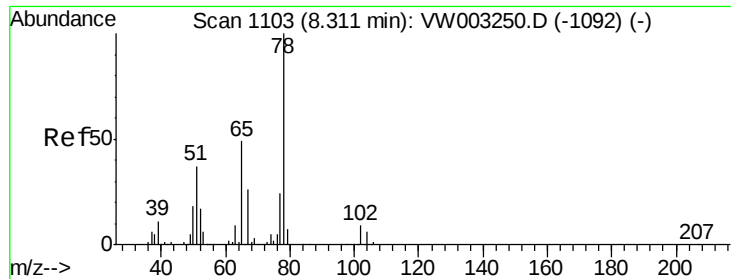
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	97	Resp:	42033
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.7	77.5
61	47.1	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 11.174 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 65 Resp: 28459

Ion Ratio Lower Upper

65 100

67 53.1

0.0

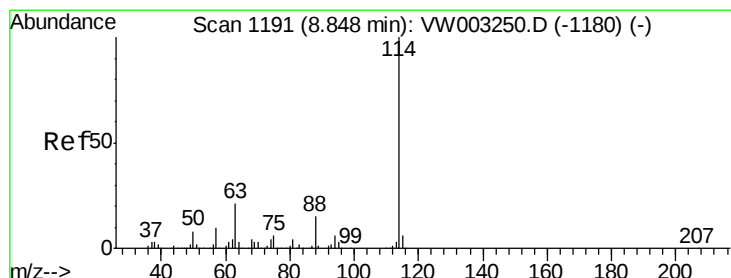
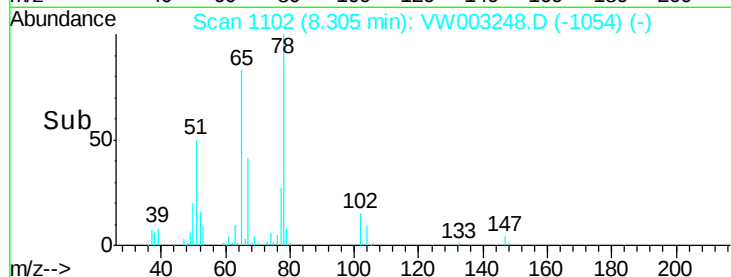
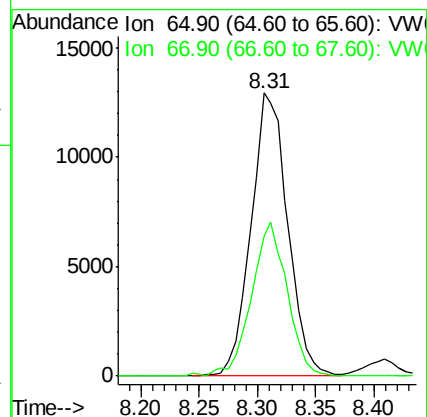
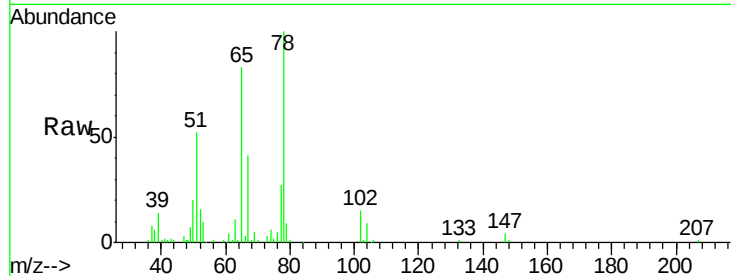
104.2

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion: 114 Resp: 402158

Ion Ratio Lower Upper

114 100

63 21.3

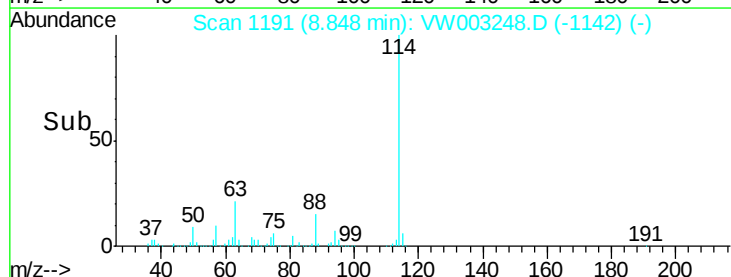
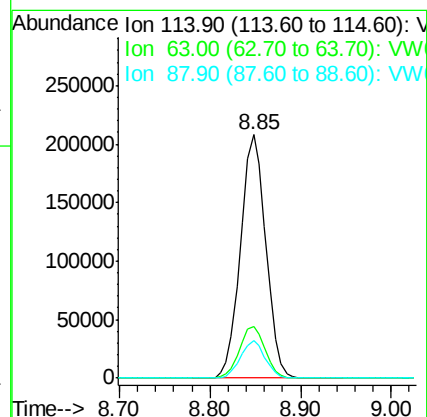
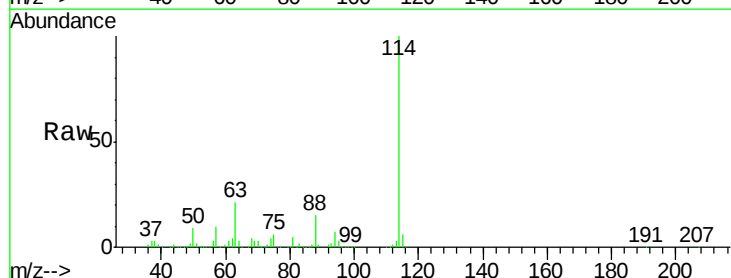
0.0

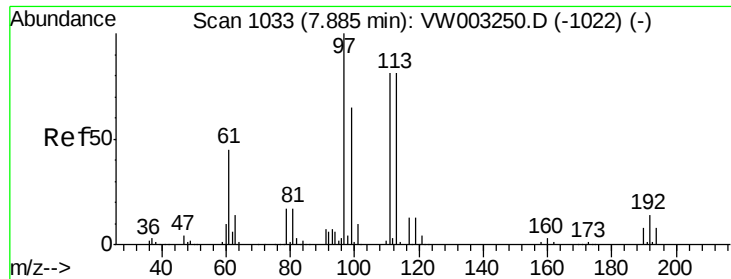
43.0

88 15.4

0.0

29.6





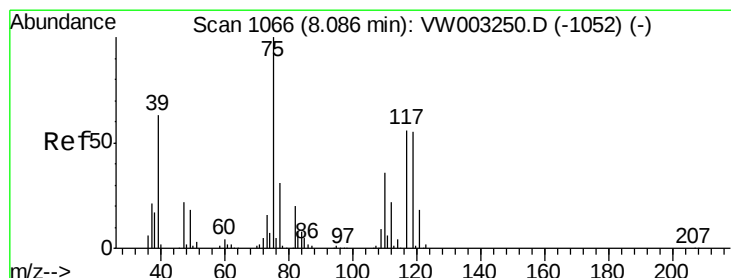
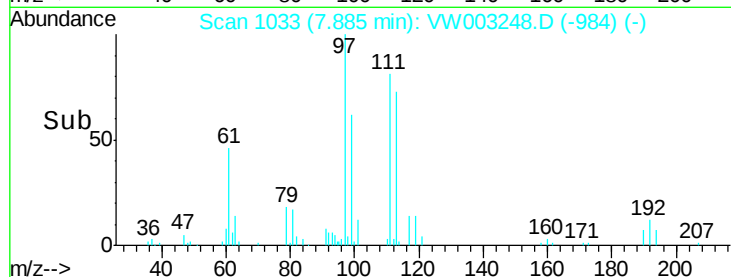
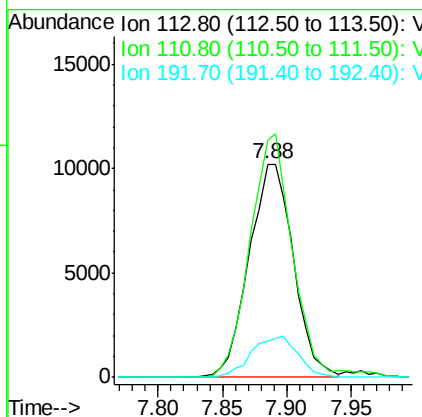
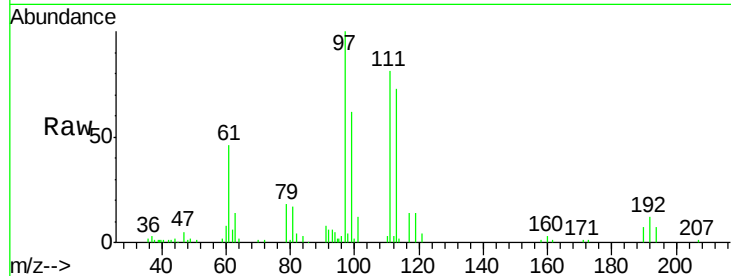
#35
 Dibromofluoromethane
 Concen: 10.264 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	24375		
111	110.3	82.2	123.2	
192	20.2	16.2	24.2	

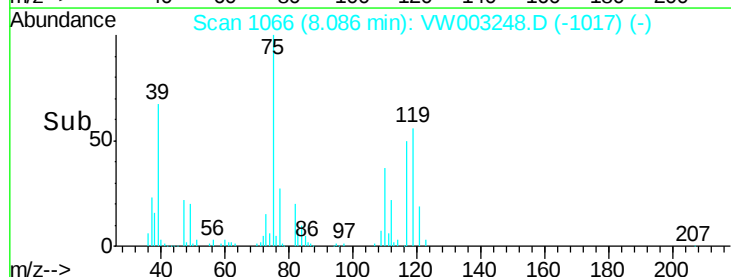
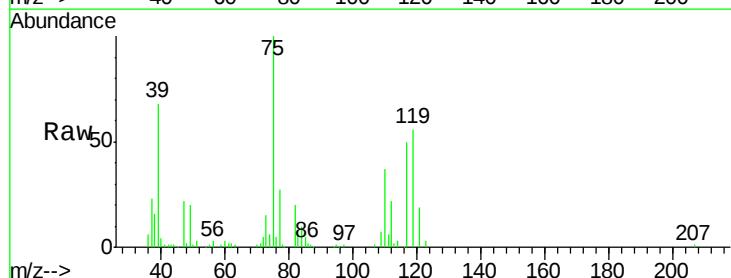
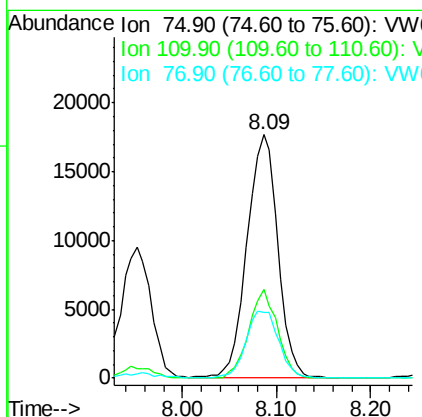
Manual Integrations
 APPROVED

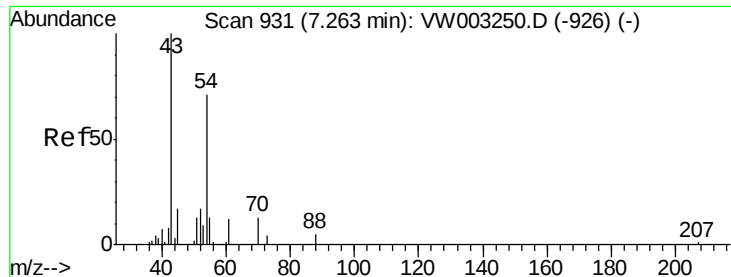
apatel
 6/14/2018 10:02:28 AM



#36
 1,1-Dichloropropene
 Concen: 10.680 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40365		
110	33.9	17.1	51.3	
77	29.4	24.9	37.3	





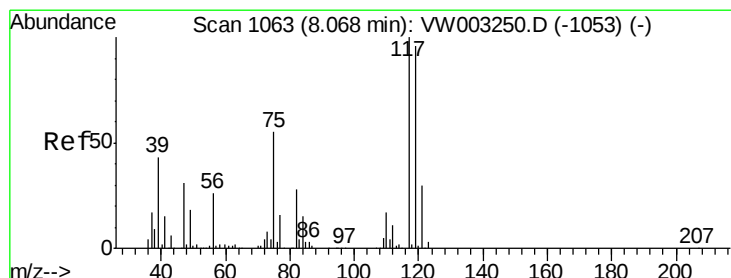
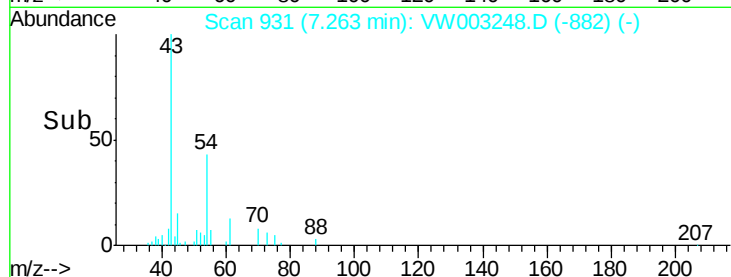
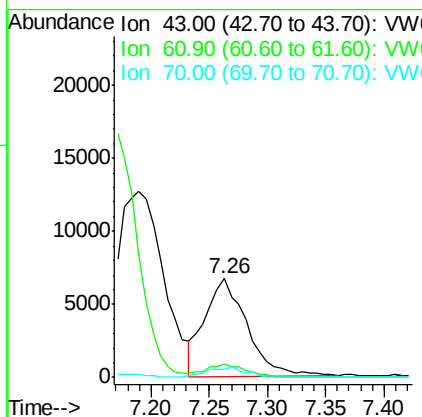
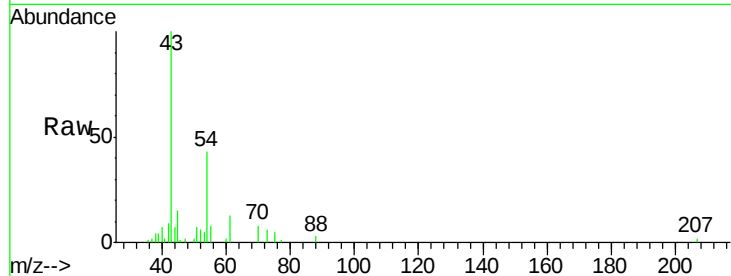
#37
Ethyl Acetate
Concen: 10.090 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.8	7.8	11.6

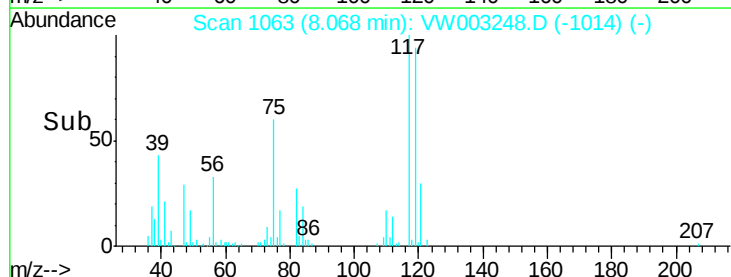
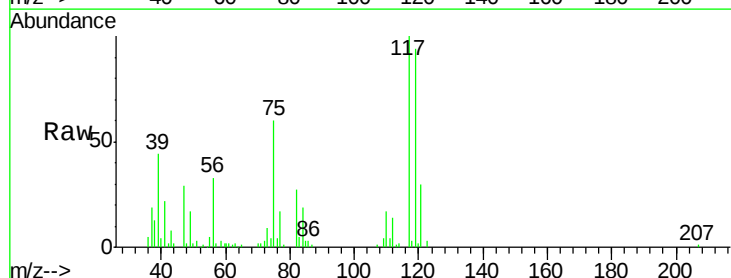
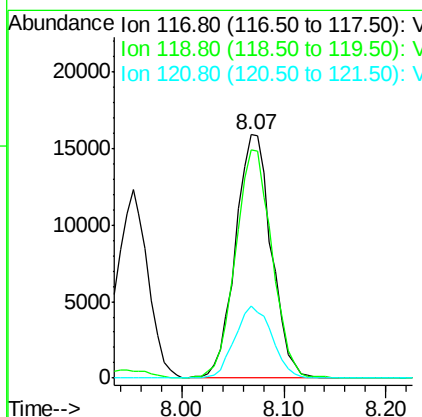
Manual Integrations
APPROVED

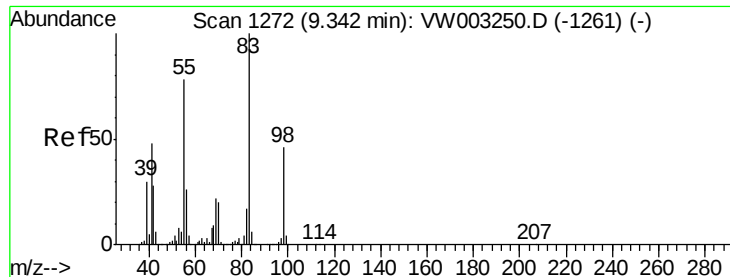
apatel
6/14/2018 10:02:28 AM



#38
Carbon Tetrachloride
Concen: 10.540 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.6	115.0
121	29.8	23.9	35.9





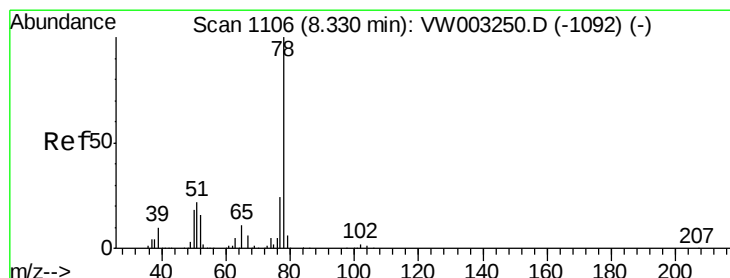
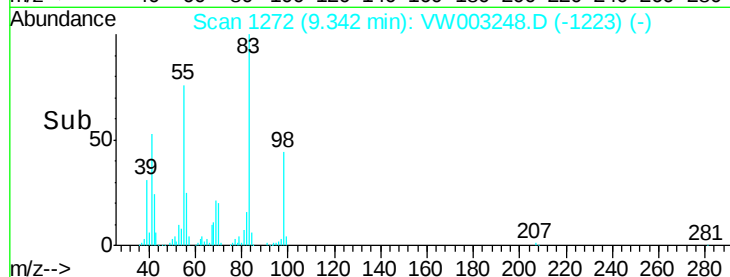
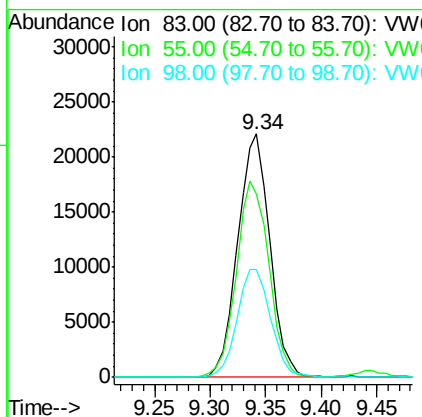
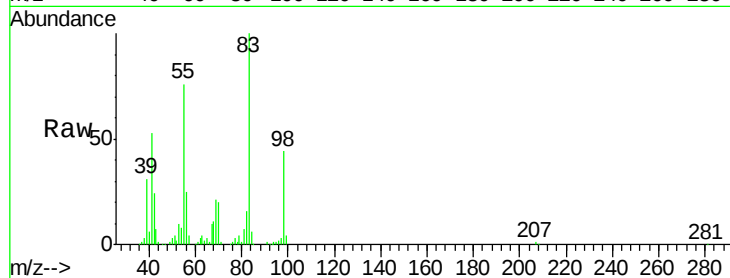
#39
Methylcyclohexane
Concen: 9.882 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.6	93.8
98	44.2	37.0	55.4

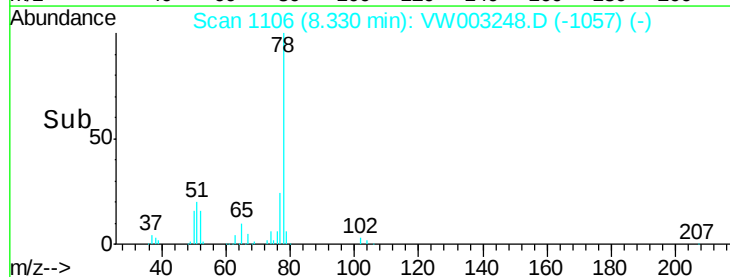
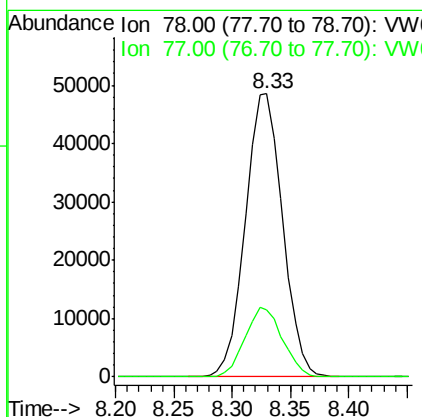
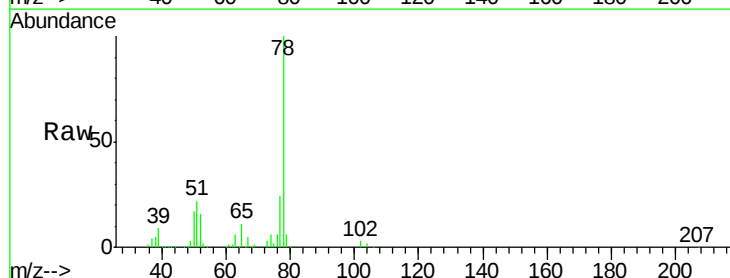
Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#40
Benzene
Concen: 10.231 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





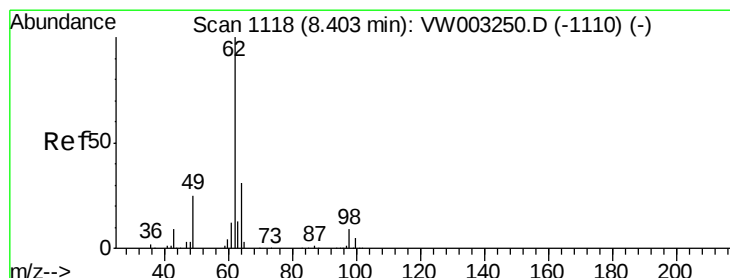
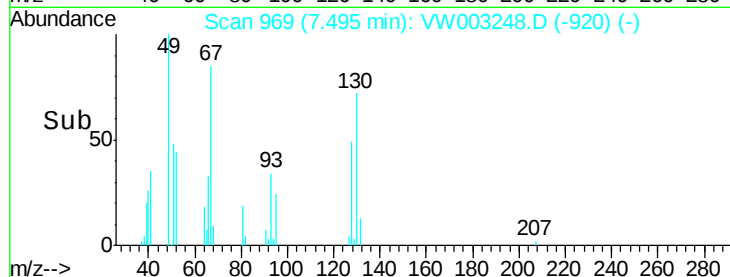
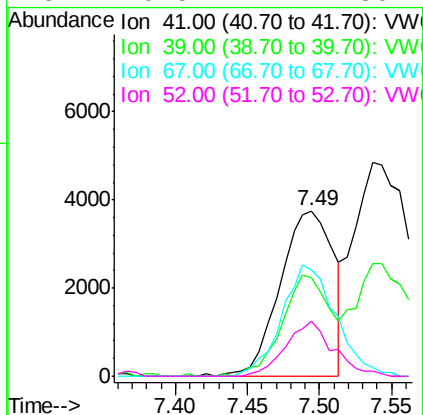
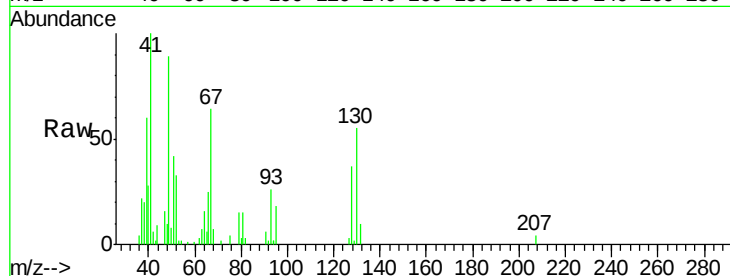
#41
Methacrylonitrile
Concen: 10.147 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.8	68.8
67	68.0	52.3	78.5
52	29.5	24.1	36.1

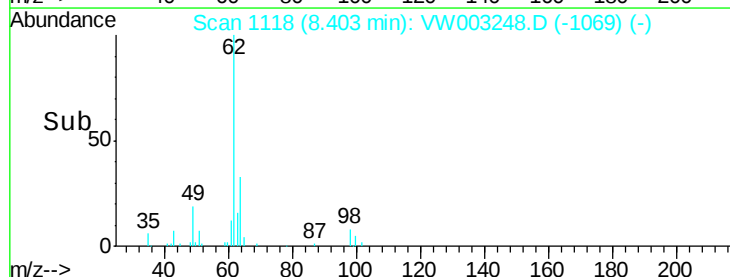
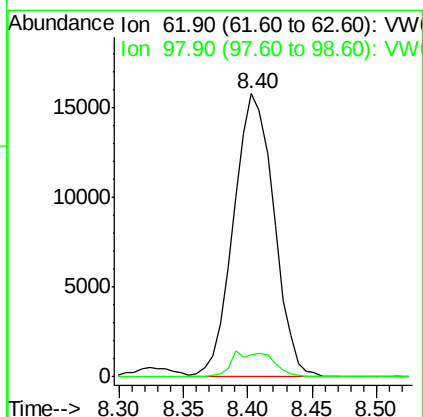
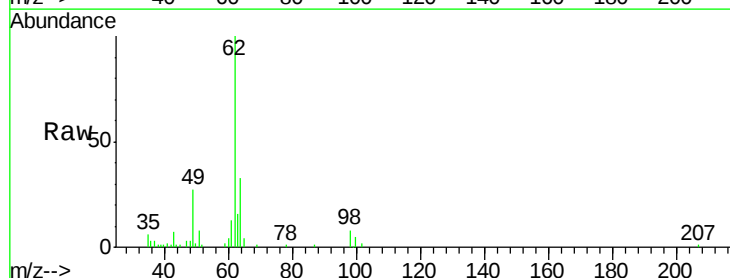
Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#42
1,2-Dichloroethane
Concen: 10.436 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





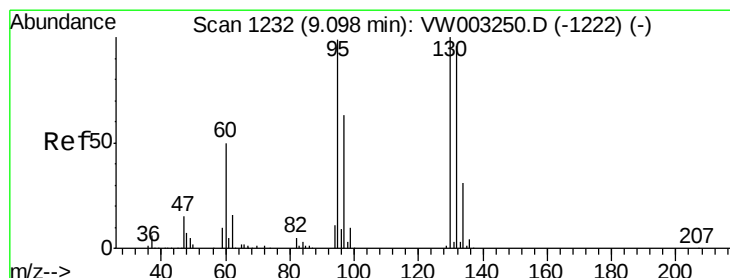
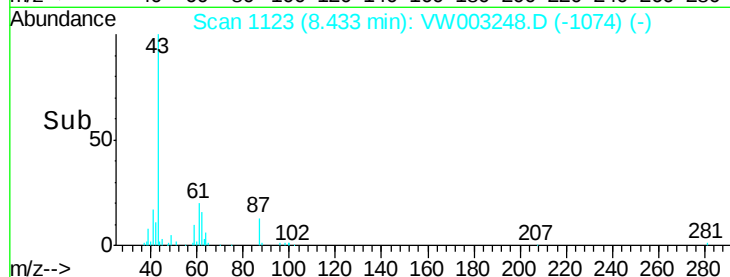
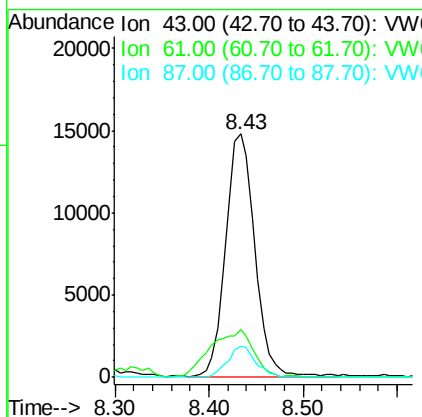
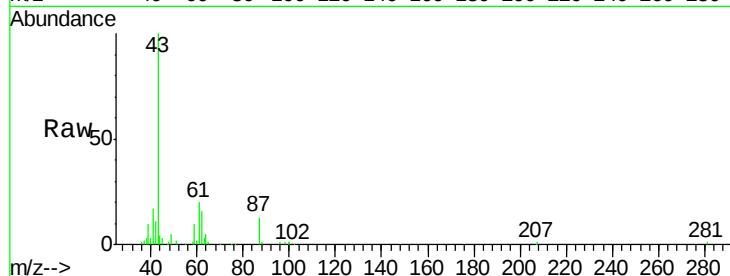
#43
Isopropyl Acetate
Concen: 10.011 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.1	34.7
87	12.1	9.8	14.6

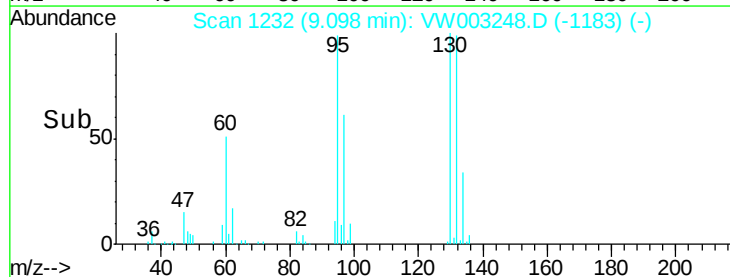
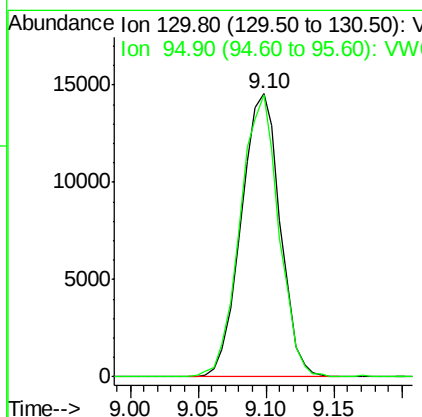
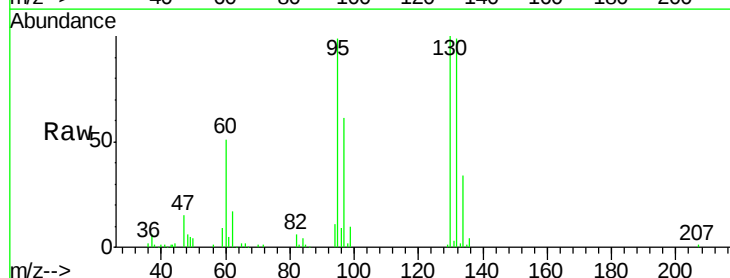
Manual Integrations
APPROVED

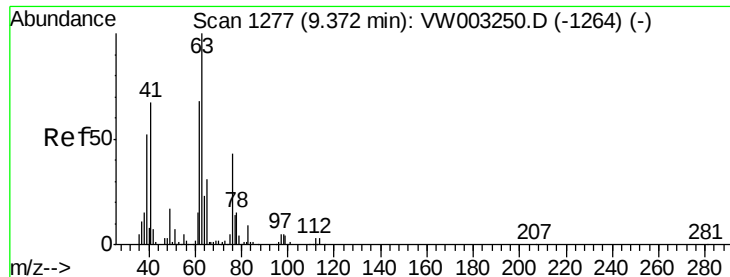
apatel
6/14/2018 10:02:28 AM



#44
Trichloroethene
Concen: 10.257 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	198.0





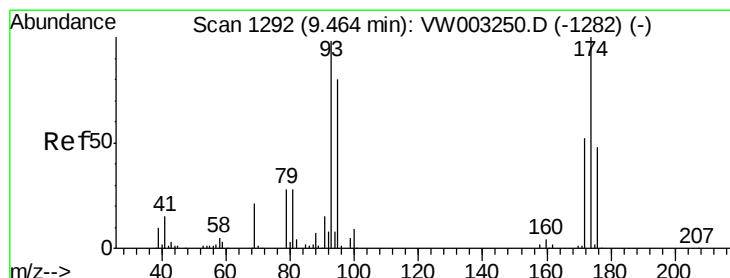
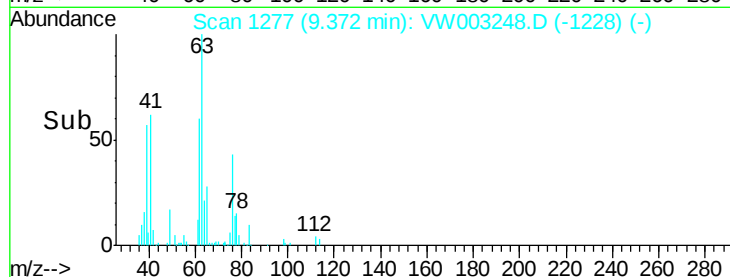
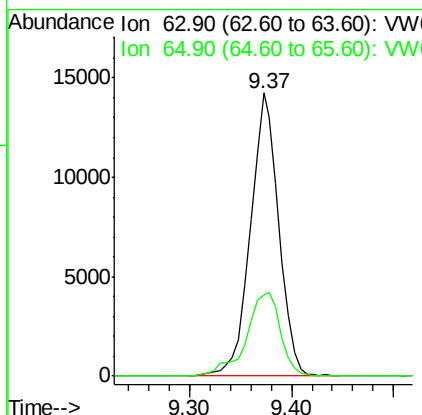
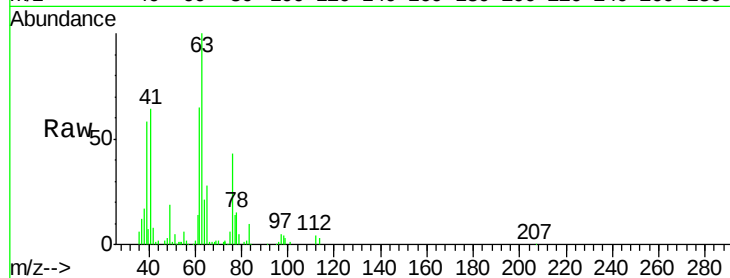
#45
 1,2-Dichloropropane
 Concen: 10.367 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 63 Resp: 27548
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.1 37.7

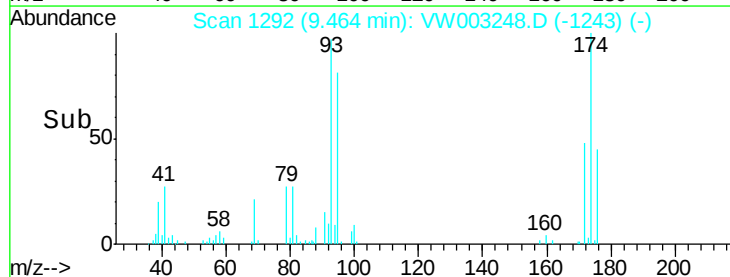
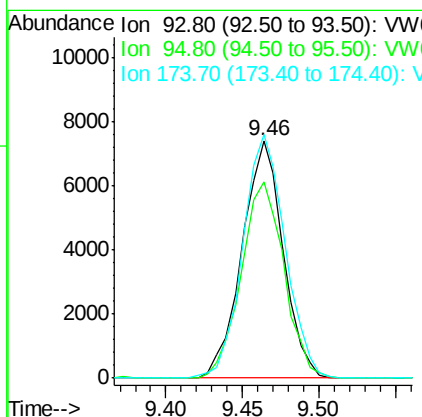
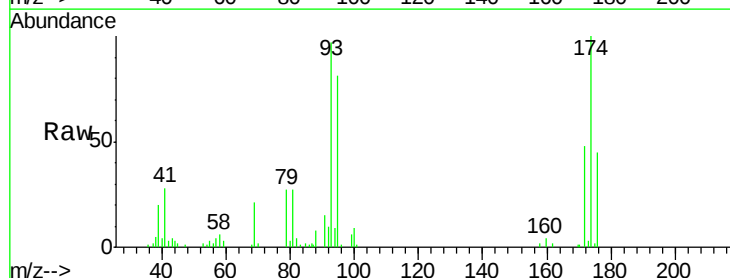
Manual Integrations
 APPROVED

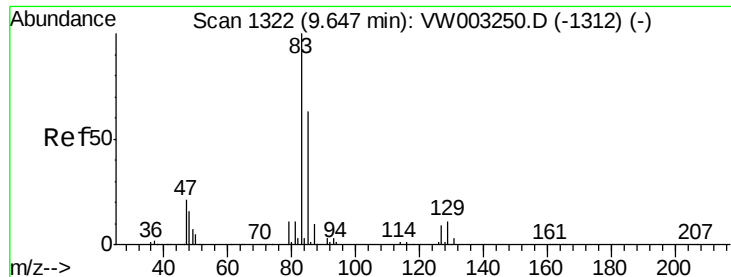
apatel
 6/14/2018 10:02:28 AM



#46
 Dibromomethane
 Concen: 9.699 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 93 Resp: 13774
 Ion Ratio Lower Upper
 93 100
 95 86.2 65.8 98.8
 174 106.0 81.4 122.0





#47

Bromodichloromethane

Concen: 10.348 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

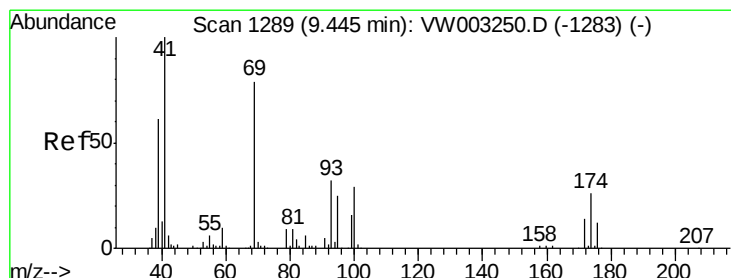
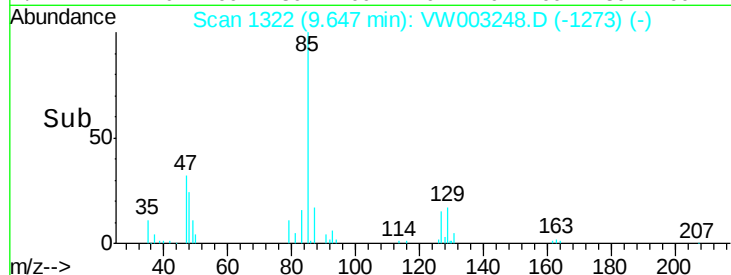
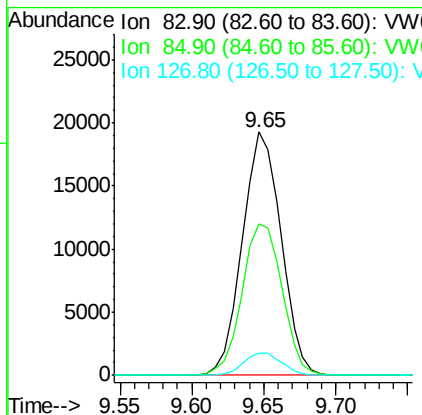
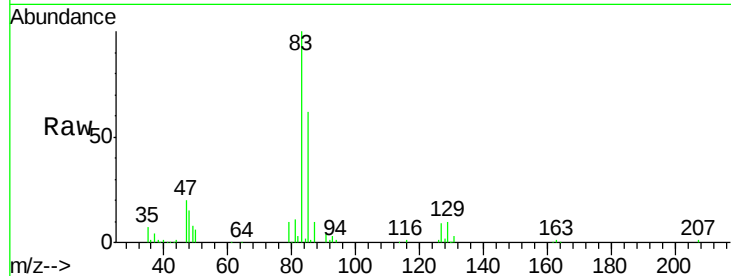
ClientSampled :

VSTDIC010

Tgt Ion:	83	Resp:	35888
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.6	75.8
127	9.1	6.8	10.2

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#48

Methyl methacrylate

Concen: 9.184 ug/l

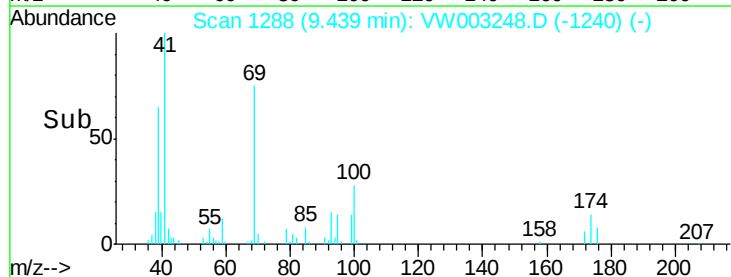
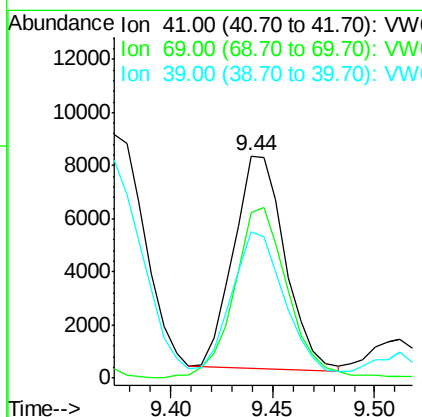
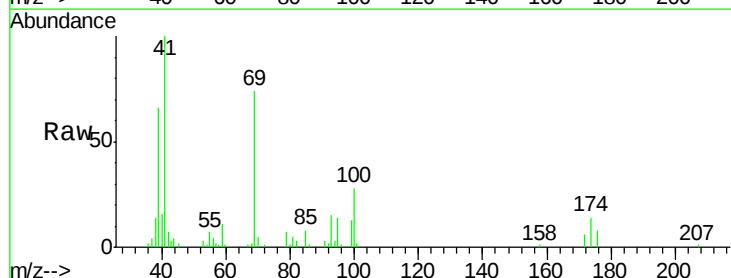
RT: 9.44 min Scan# 1288

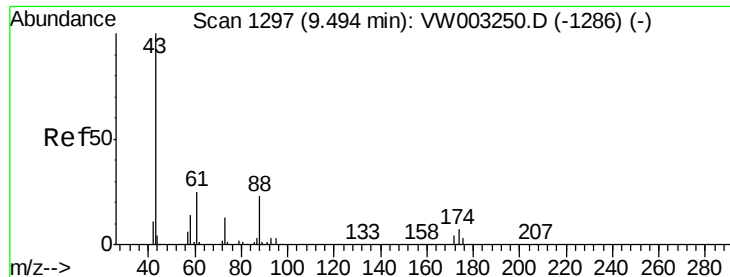
Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	41	Resp:	14021
Ion	Ratio	Lower	Upper
41	100		
69	83.5	65.4	98.2
39	74.2	54.2	81.2





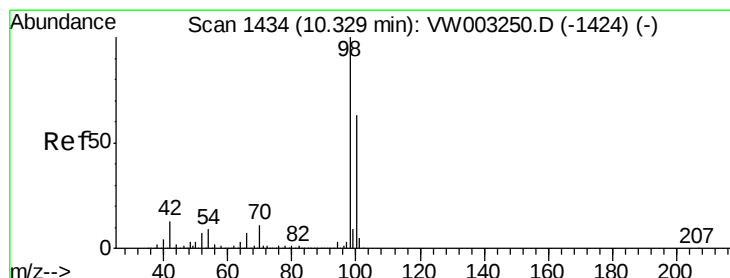
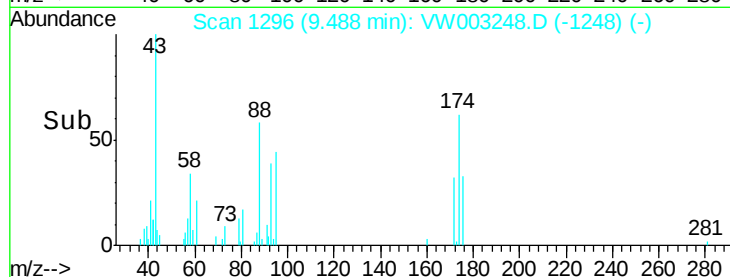
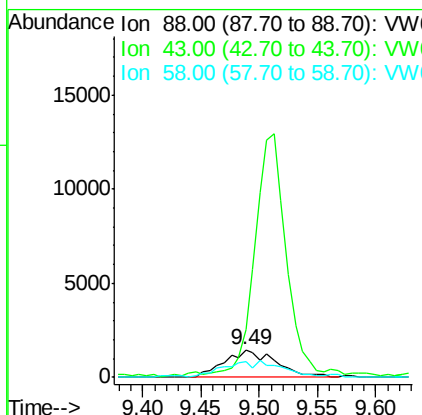
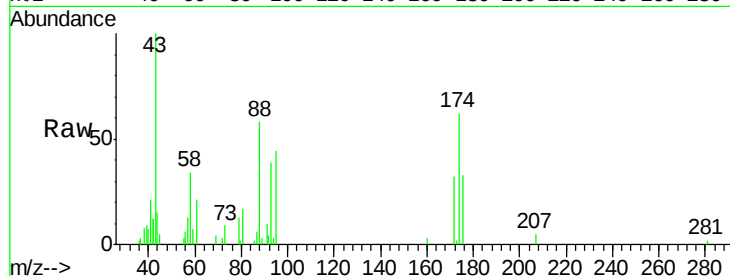
#49
1,4-Dioxane
Concen: 203.951 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	30.3	58.6	88.0#

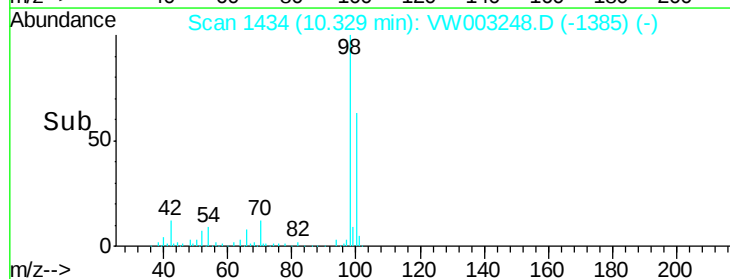
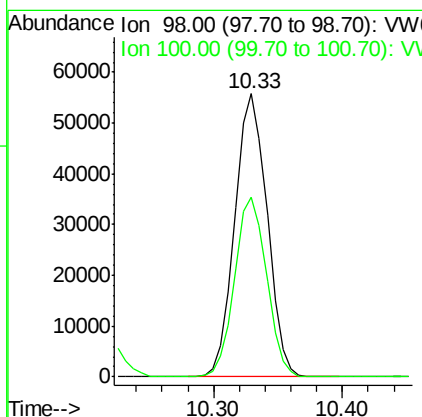
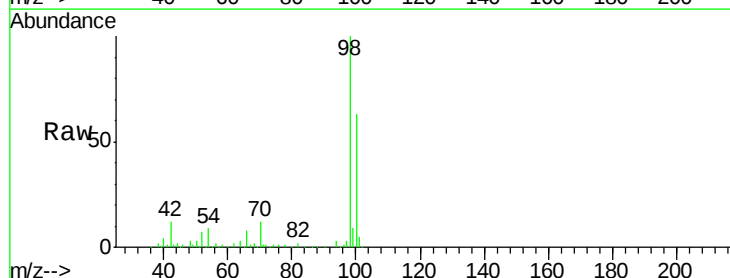
Manual Integrations
APPROVED

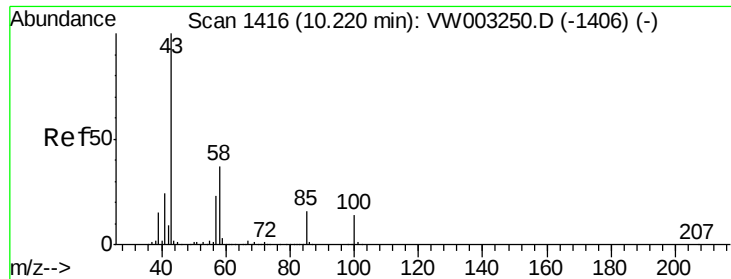
apatel
6/14/2018 10:02:28 AM



#50
Toluene-d8
Concen: 10.514 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.8	76.2





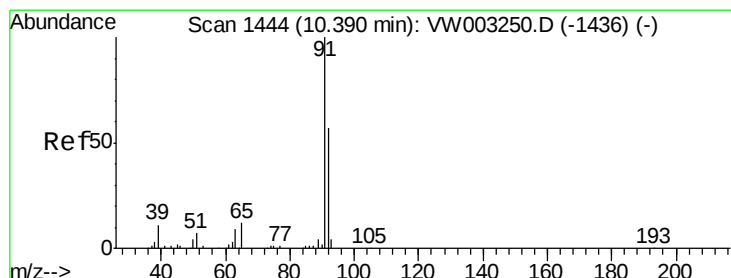
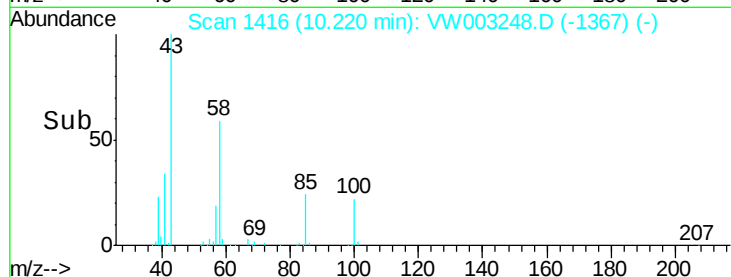
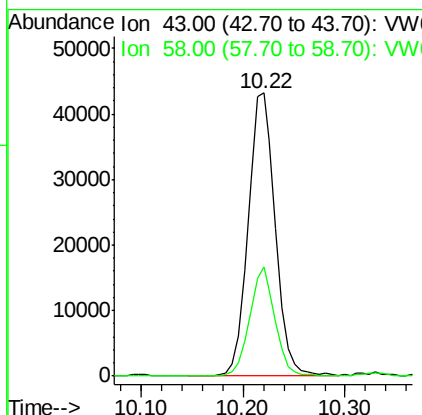
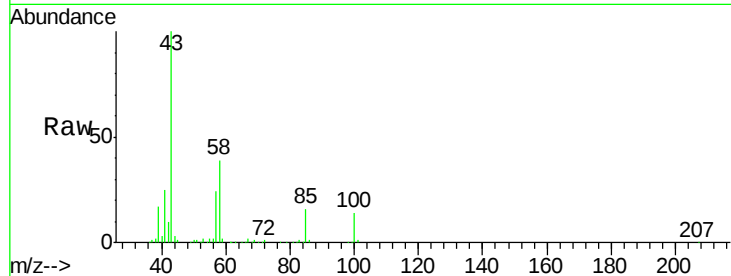
#51
 4-Methyl-2-Pentanone
 Concen: 49.049 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion: 43 Resp: 80069
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.0 43.4

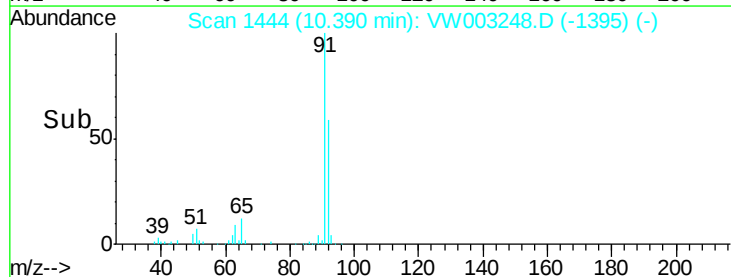
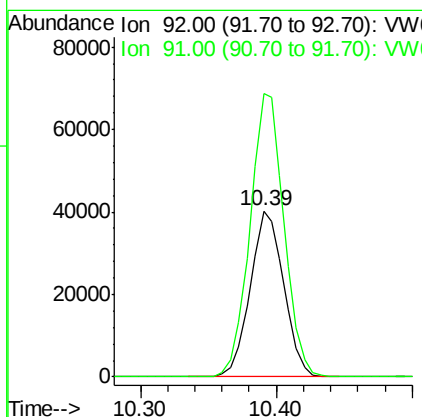
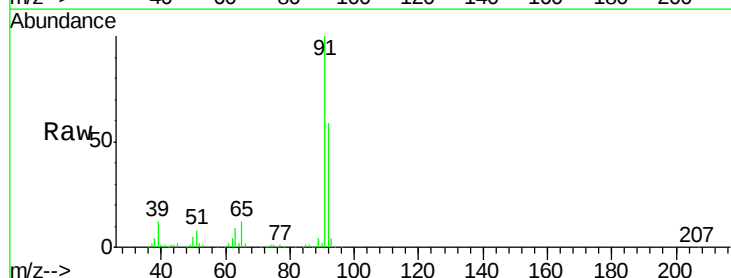
Manual Integrations
 APPROVED

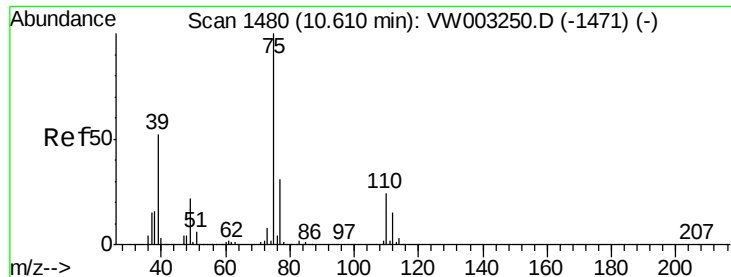
apatel
 6/14/2018 10:02:28 AM



#52
 Toluene
 Concen: 10.209 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 92 Resp: 69326
 Ion Ratio Lower Upper
 92 100
 91 172.8 141.1 211.7





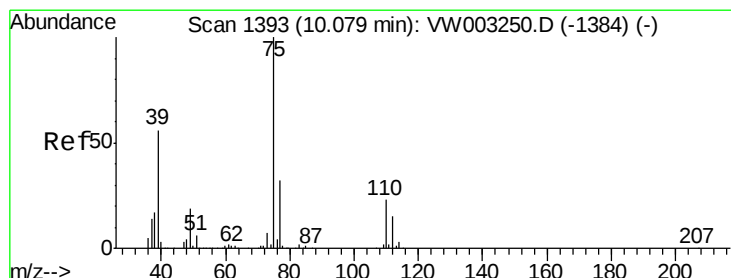
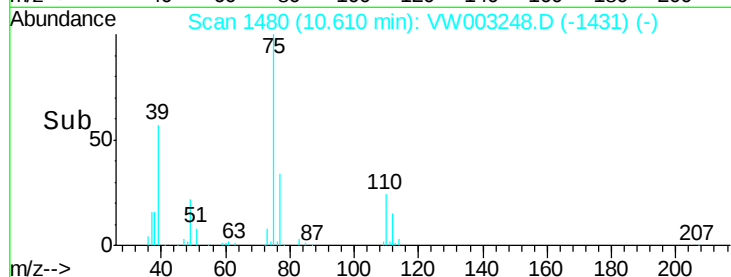
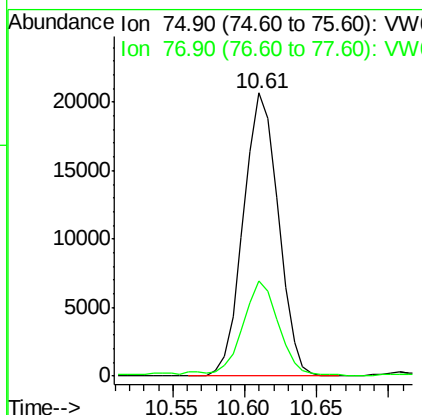
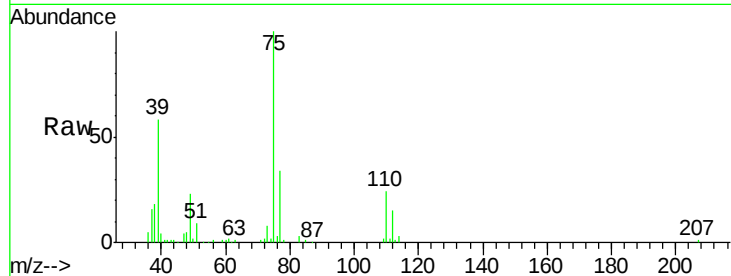
#53
t-1,3-Dichloropropene
Concen: 9.754 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 75 Resp: 34838
Ion Ratio Lower Upper
75 100
77 33.3 24.9 37.3

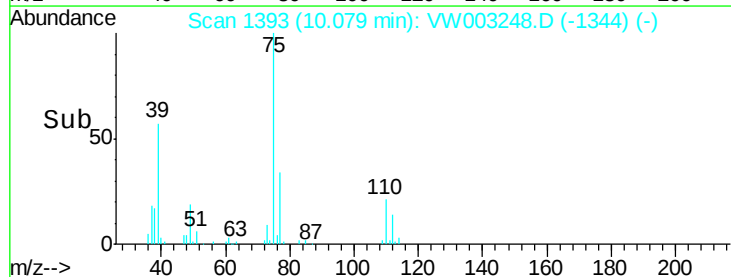
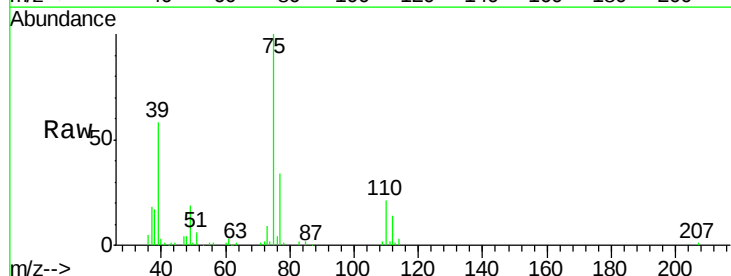
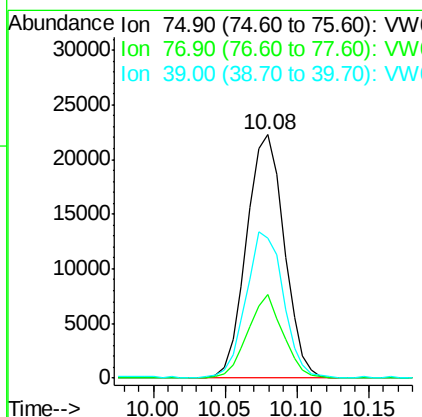
Manual Integrations
APPROVED

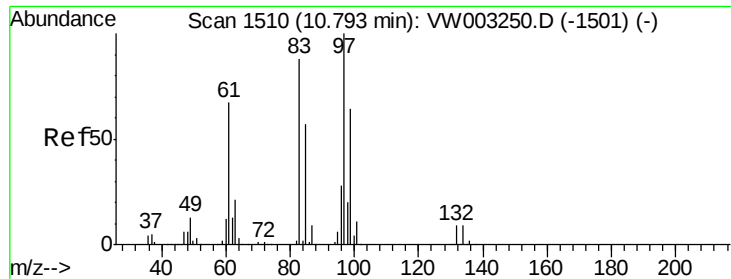
apatel
6/14/2018 10:02:28 AM



#54
cis-1,3-Dichloropropene
Concen: 9.941 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 75 Resp: 40385
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.6
39 57.3 45.2 67.8





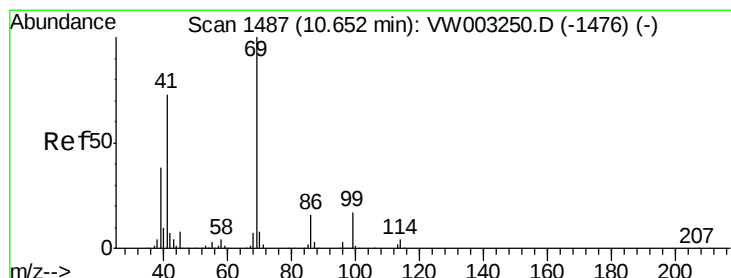
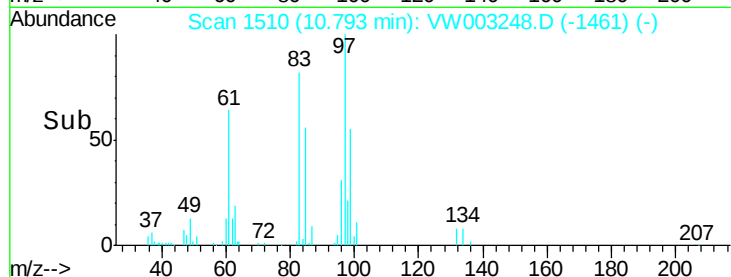
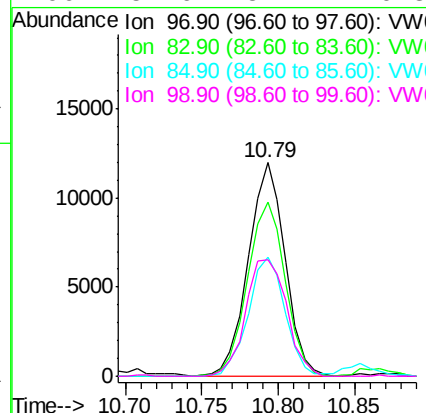
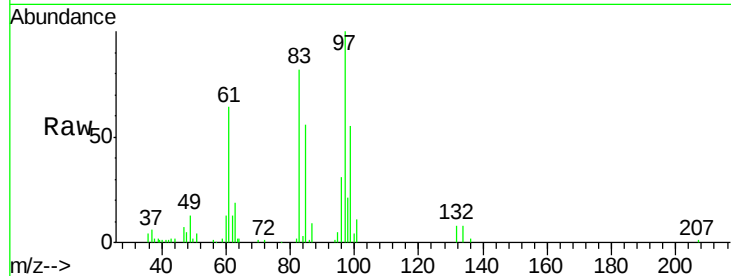
#55
 1,1,2-Trichloroethane
 Concen: 10.197 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.2	105.2
85	55.5	45.6	68.4
99	54.6	51.2	76.8

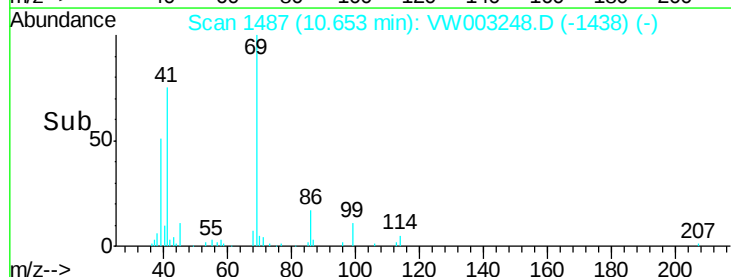
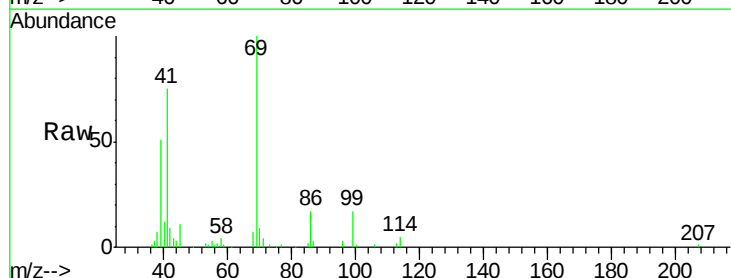
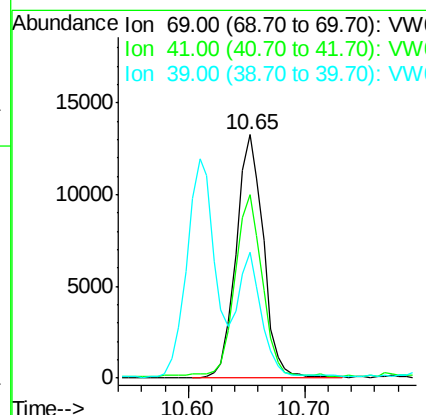
Manual Integrations
 APPROVED

apatel
 6/14/2018 10:02:28 AM



#56
 Ethyl methacrylate
 Concen: 8.937 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	57.8	86.6
39	43.2	32.7	49.1





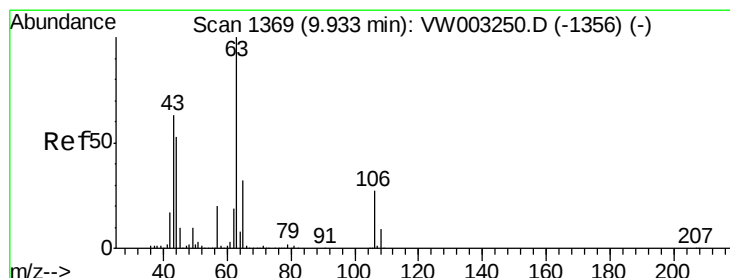
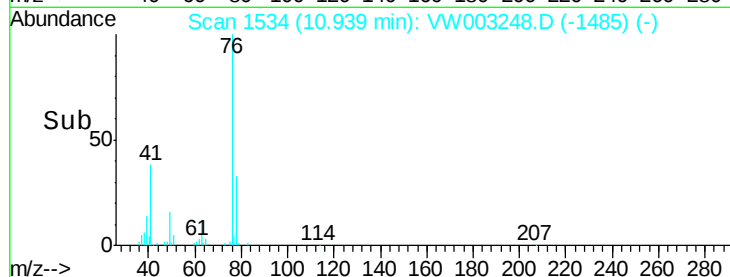
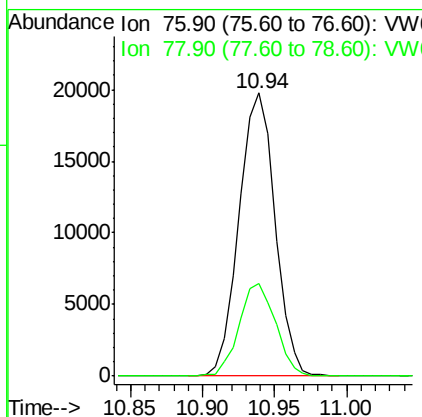
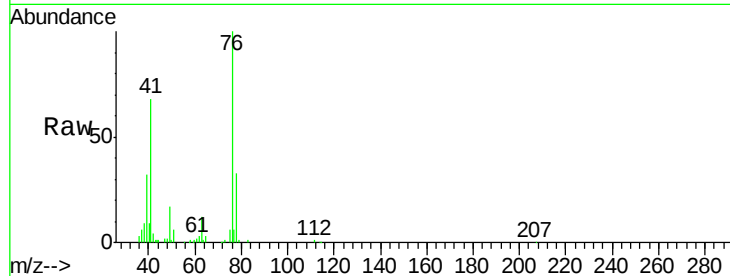
#57
 1,3-Dichloropropane
 Concen: 10.103 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion: 76 Resp: 34249
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5

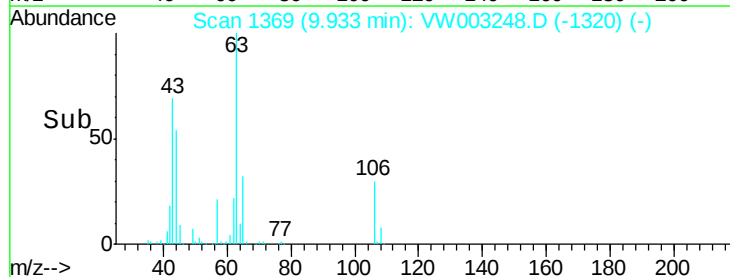
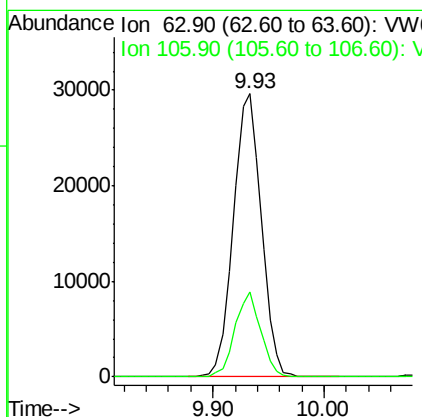
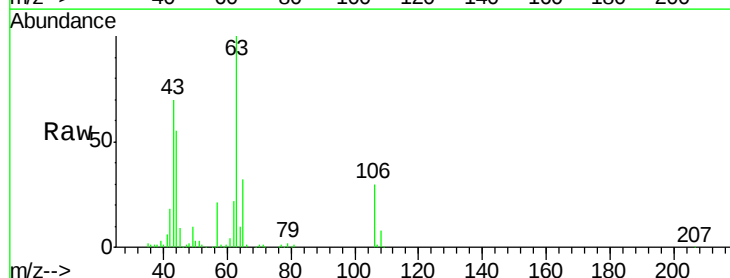
Manual Integrations
 APPROVED

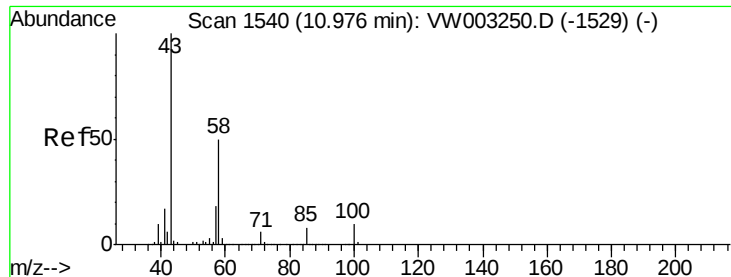
apatel
 6/14/2018 10:02:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 46.517 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 63 Resp: 51608
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.8





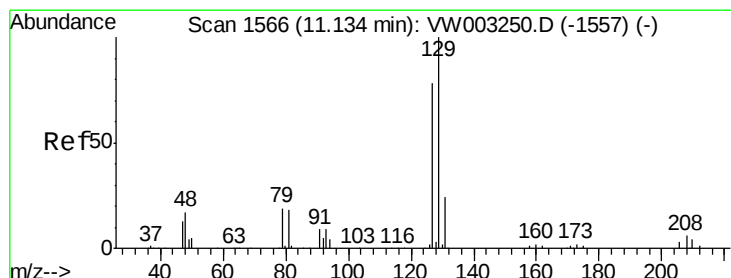
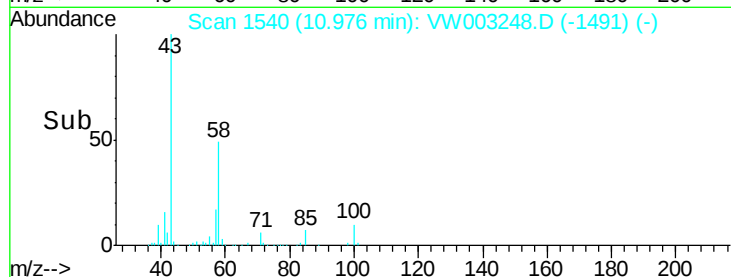
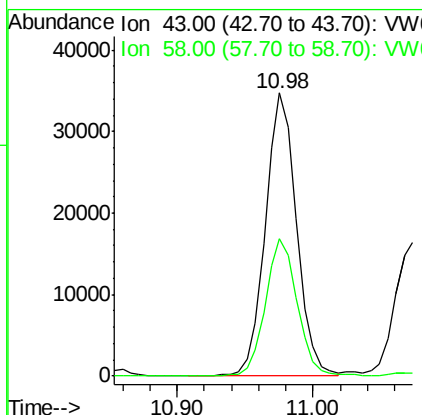
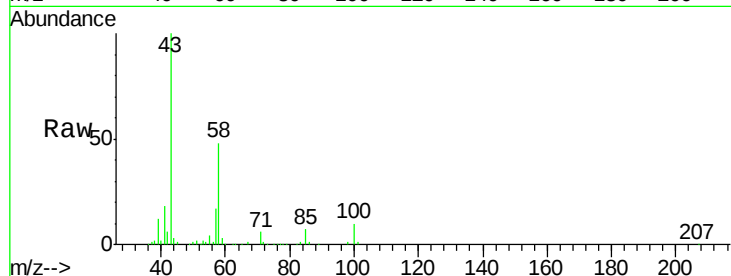
#59
2-Hexanone
Concen: 50.292 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 55870
Ion Ratio Lower Upper
43 100
58 49.7 25.0 75.0

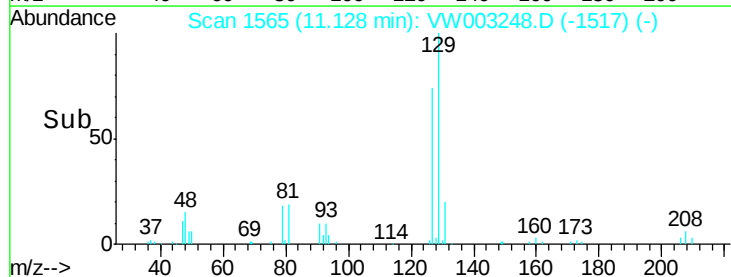
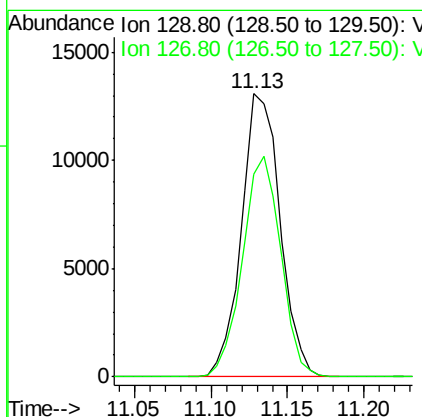
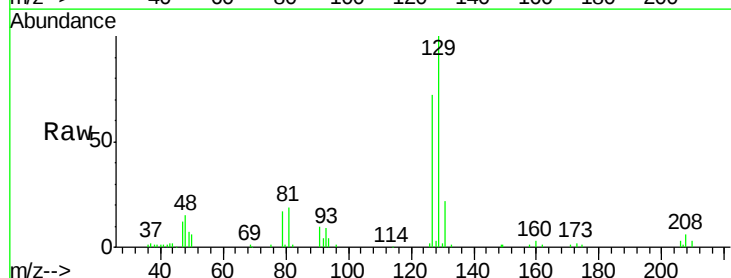
Manual Integrations
APPROVED

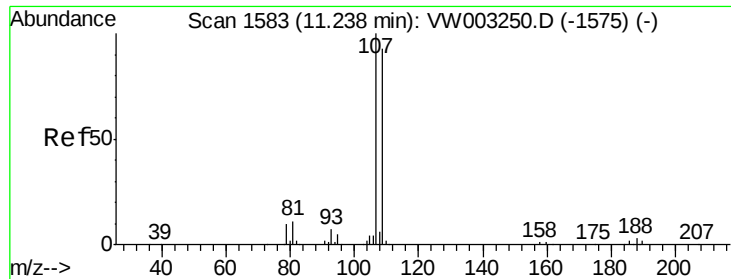
apatel
6/14/2018 10:02:28 AM



#60
Dibromochloromethane
Concen: 9.737 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 129 Resp: 22978
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5





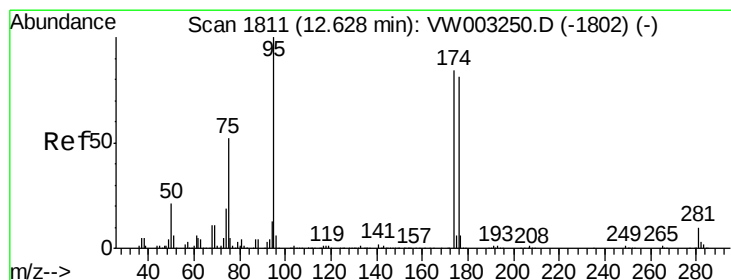
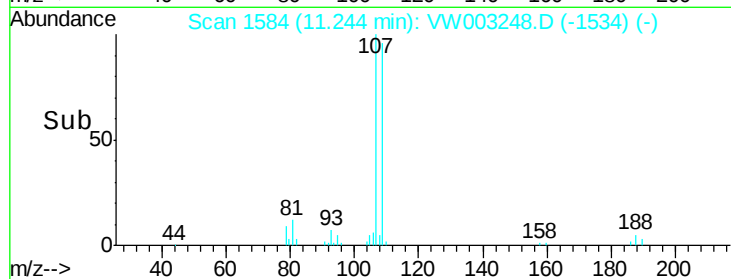
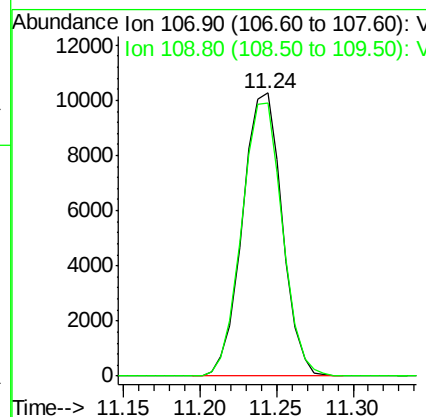
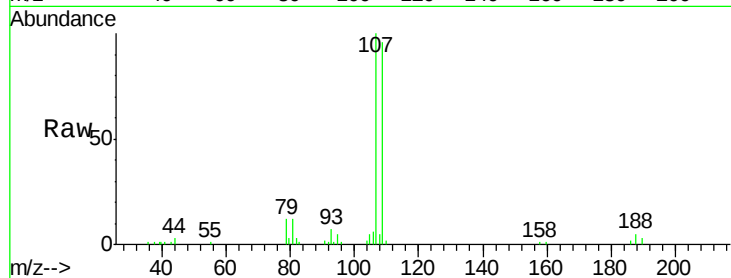
#61
 1,2-Dibromoethane
 Concen: 9.771 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 107 Resp: 18477
 Ion Ratio Lower Upper
 107 100
 109 99.0 75.8 113.6

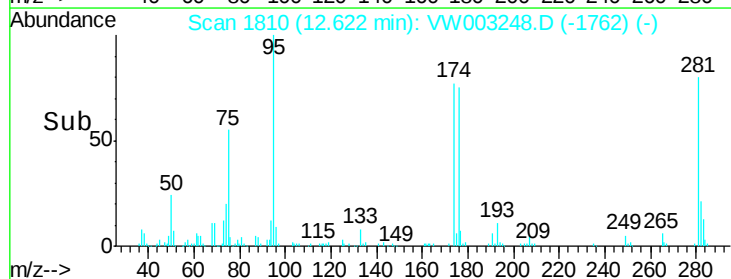
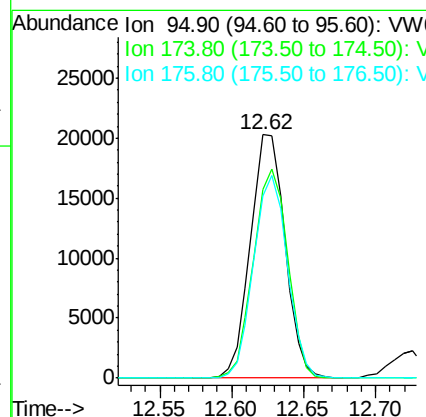
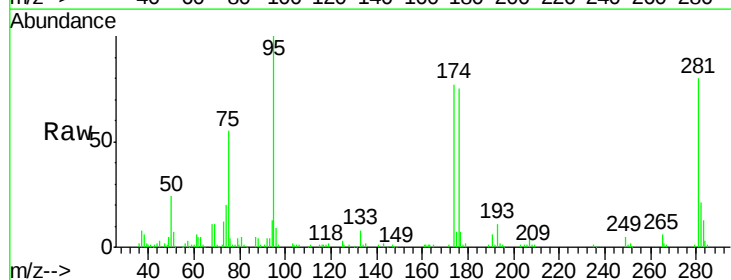
Manual Integrations
 APPROVED

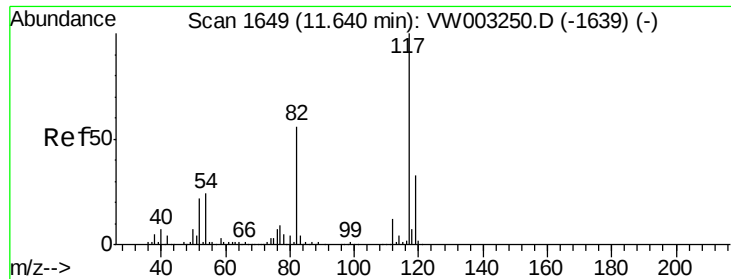
apatel
 6/14/2018 10:02:28 AM



#62
 4-Bromofluorobenzene
 Concen: 10.089 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 95 Resp: 33768
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 166.4
 176 81.1 0.0 162.0





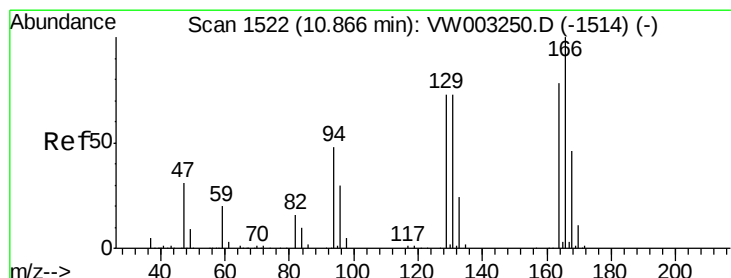
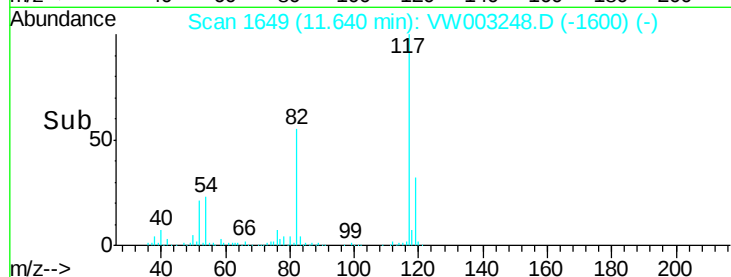
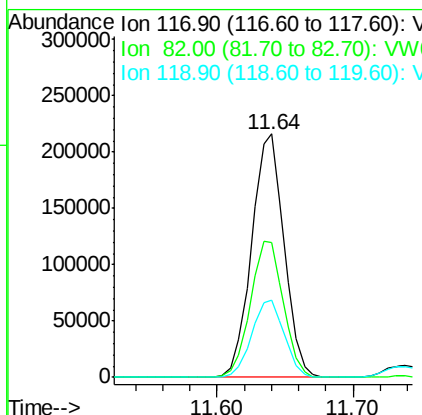
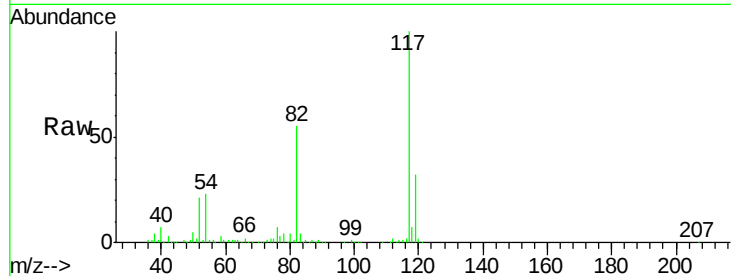
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	361951		
82	55.3	44.6	67.0	
119	31.5	26.7	40.1	

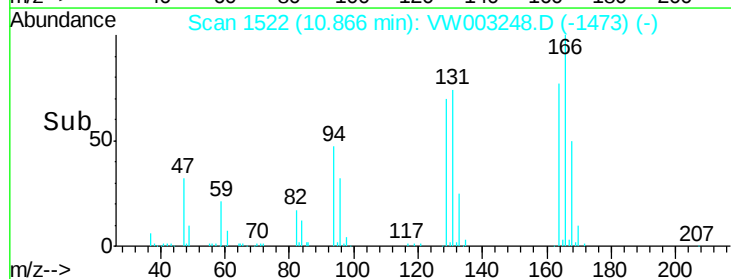
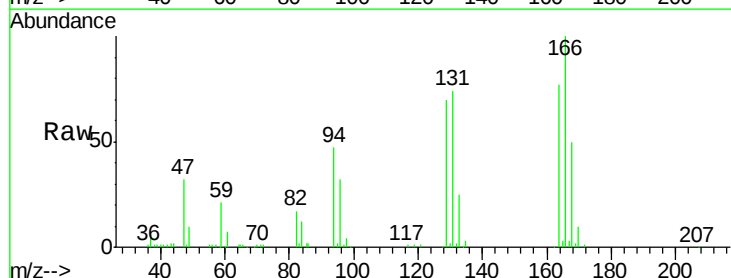
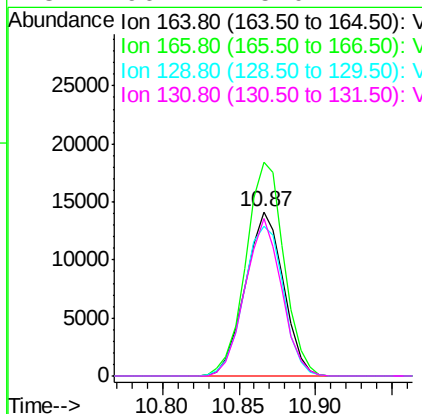
Manual Integrations
APPROVED

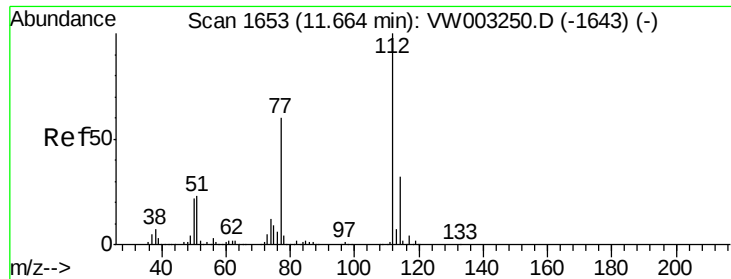
apatel
6/14/2018 10:02:28 AM



#64
Tetrachloroethene
Concen: 9.573 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24538		
166	130.0	102.6	154.0	
129	91.2	75.2	112.8	
131	96.1	75.0	112.4	





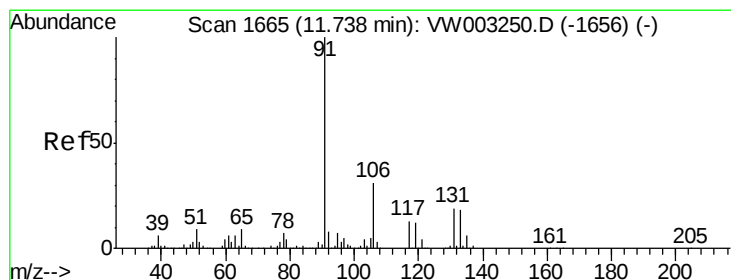
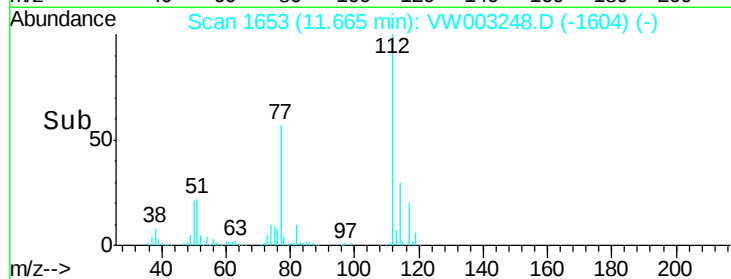
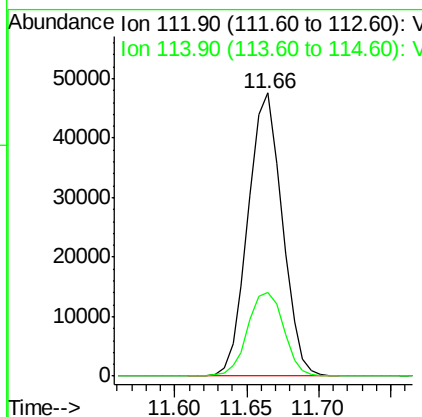
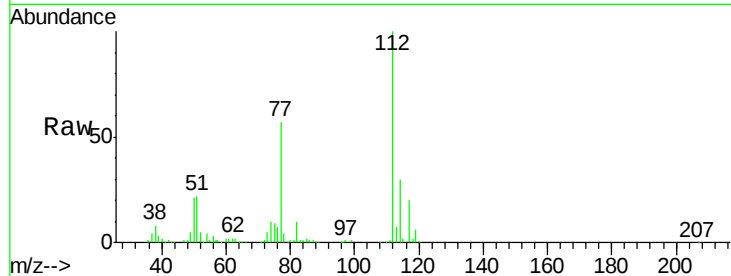
#65
Chlorobenzene
Concen: 10.486 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:112 Resp: 78043
Ion Ratio Lower Upper
112 100
114 29.6 25.9 38.9

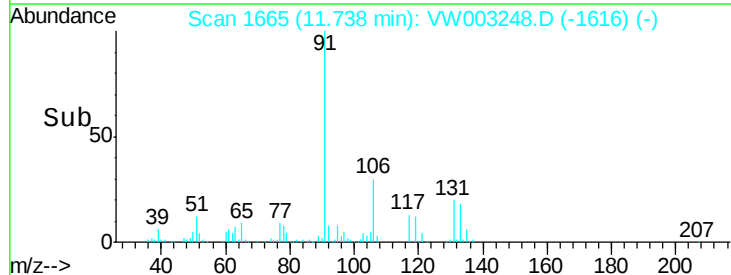
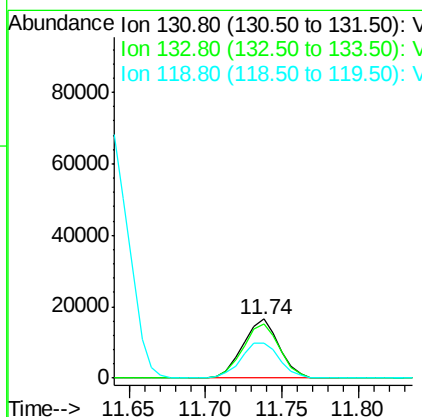
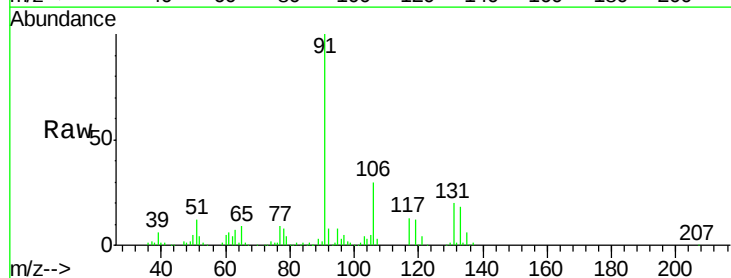
Manual Integrations
APPROVED

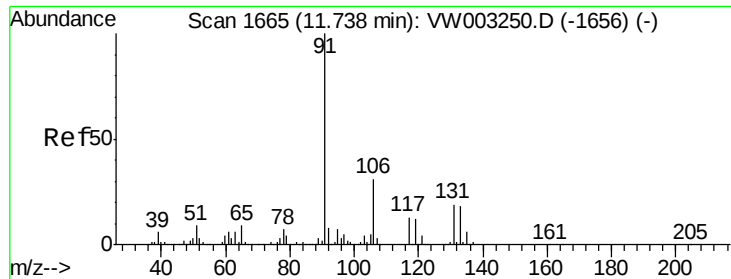
apatel
6/14/2018 10:02:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 10.473 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:131 Resp: 27188
Ion Ratio Lower Upper
131 100
133 93.0 47.3 142.0
119 63.8 32.5 97.4





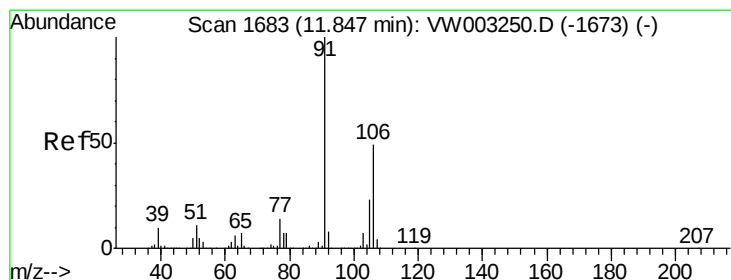
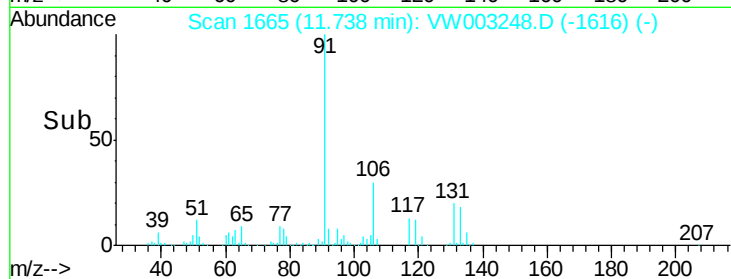
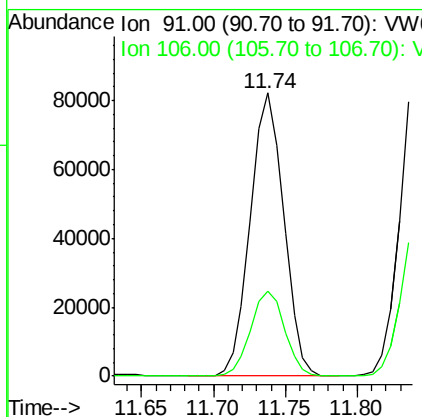
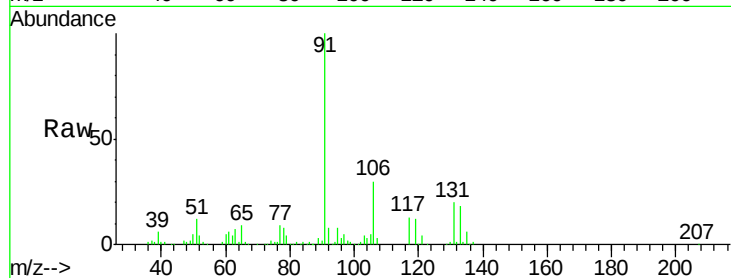
#67
Ethyl Benzene
Concen: 10.045 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 91 Resp: 132210
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

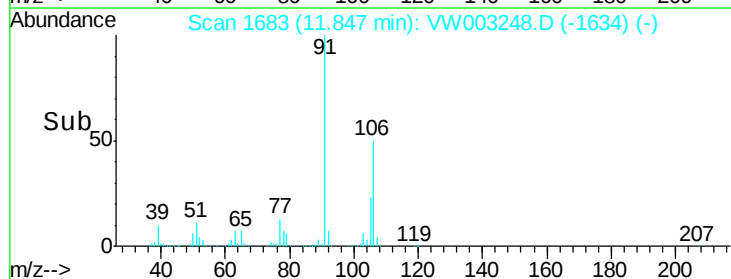
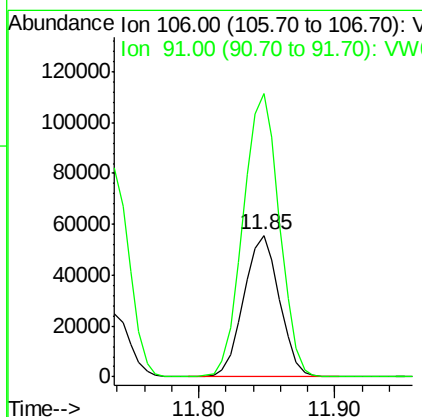
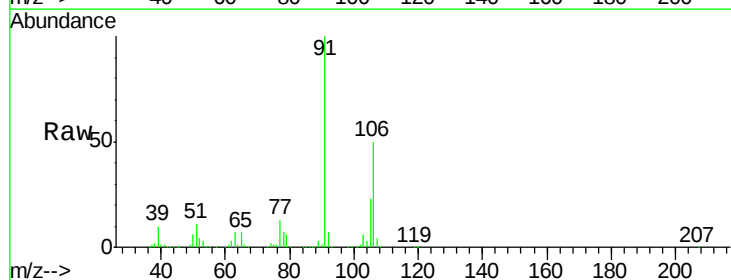
Manual Integrations
APPROVED

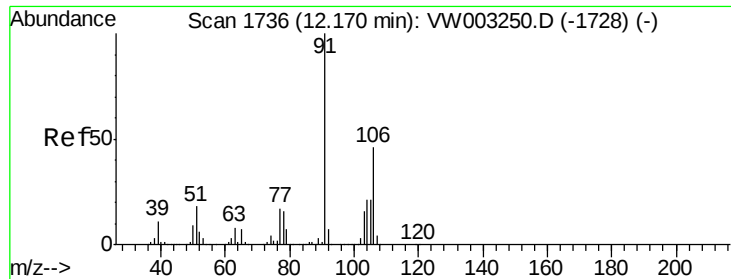
apatel
6/14/2018 10:02:28 AM



#68
m/p-Xylenes
Concen: 20.274 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 106 Resp: 102015
Ion Ratio Lower Upper
106 100
91 203.6 165.4 248.0





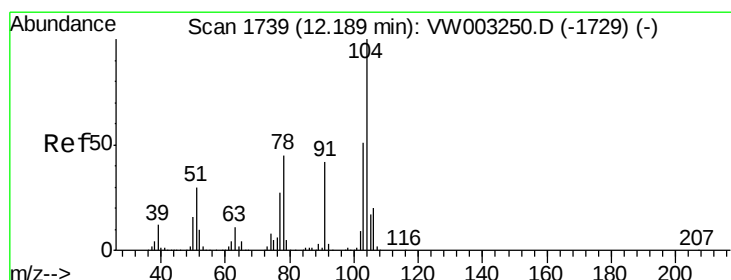
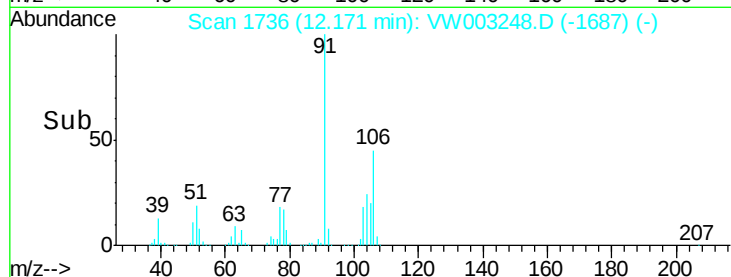
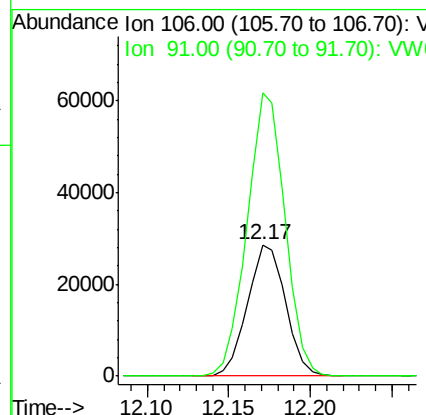
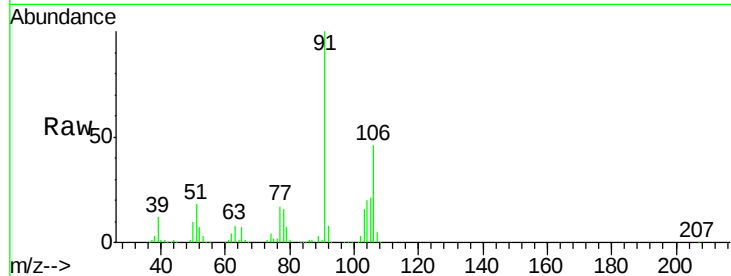
#69
o-Xylene
Concen: 9.785 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 46432
Ion Ratio Lower Upper
106 100
91 215.1 108.6 325.6

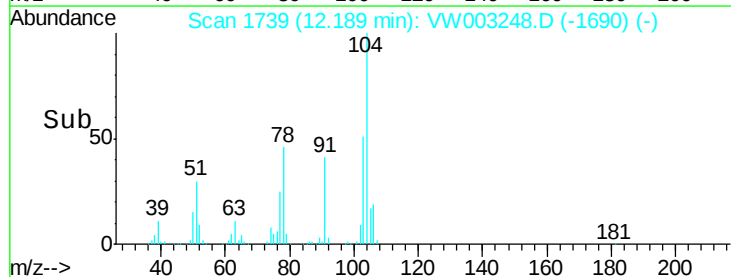
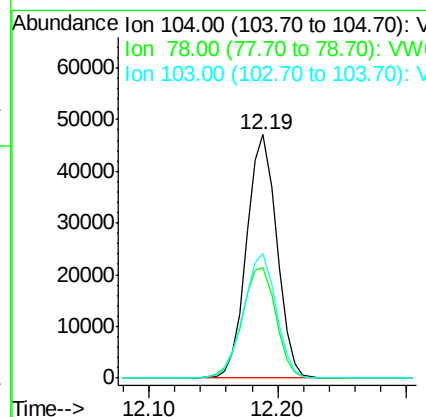
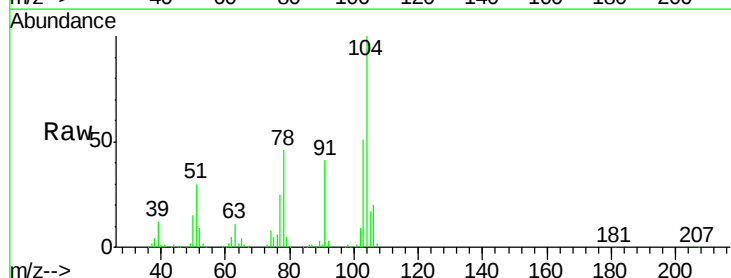
Manual Integrations
APPROVED

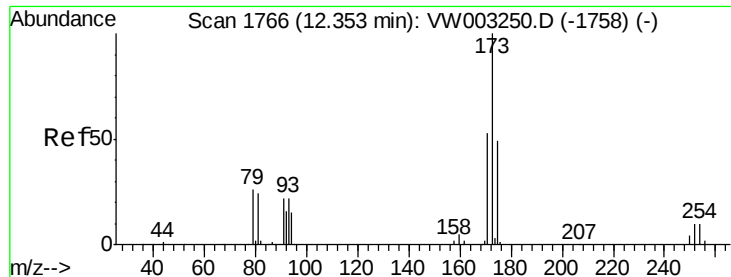
apatel
6/14/2018 10:02:28 AM



#70
Styrene
Concen: 9.614 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:104 Resp: 76172
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 55.4 45.0 67.4





#71

Bromoform

Concen: 9.620 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

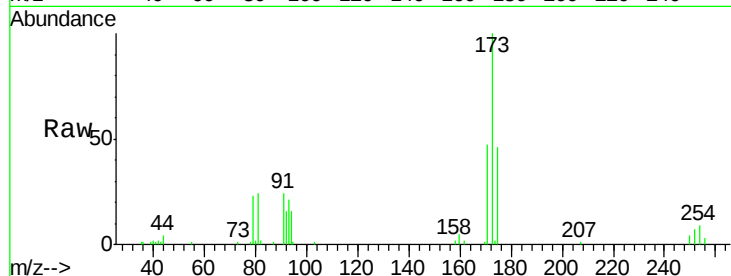
ClientSampleId :

VSTDIC010

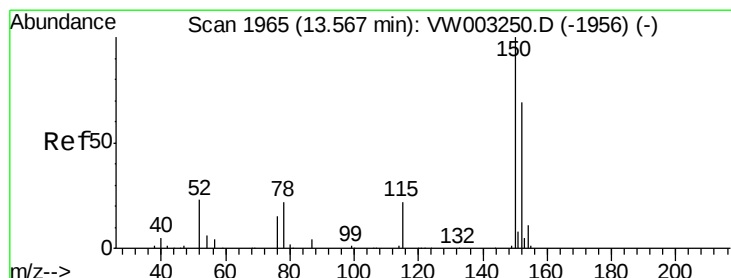
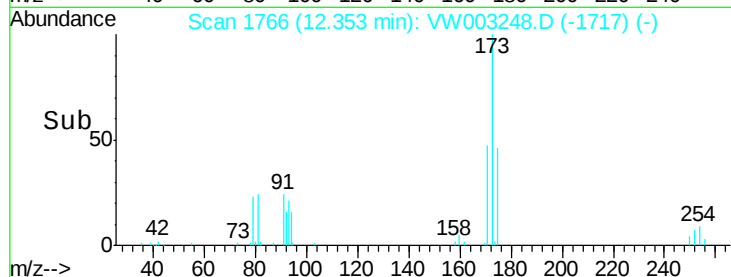
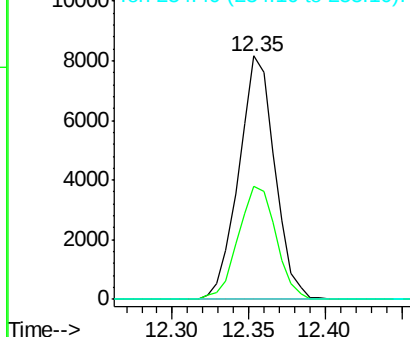
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.4
254	0.0	0.1	0.1

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

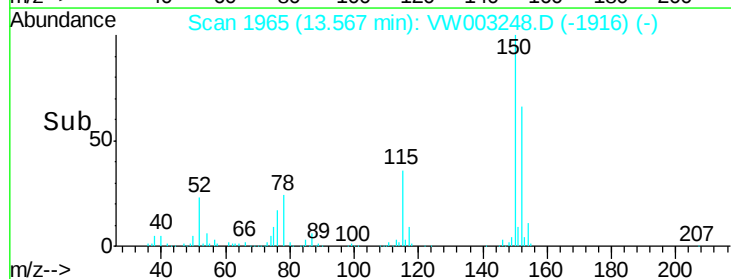
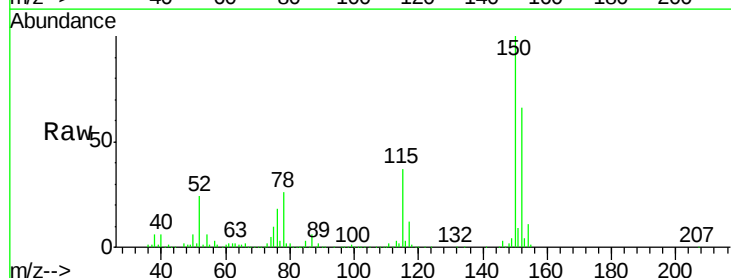
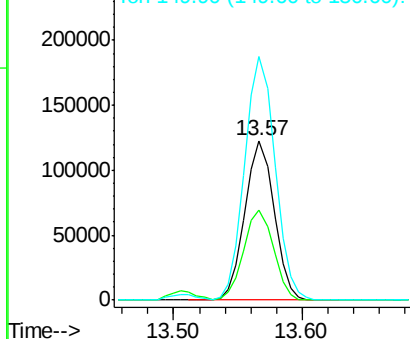
Delta R.T. 0.00 min

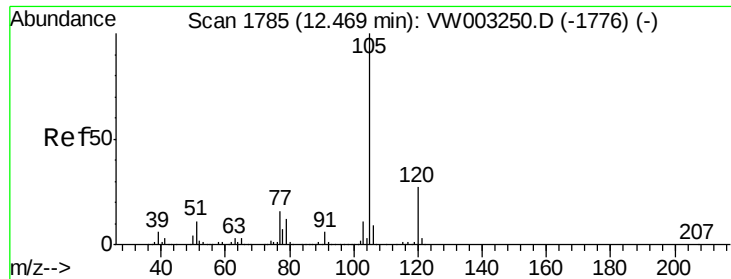
Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	88.0
150	159.2	0.0	349.6

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





#73

Isopropylbenzene

Concen: 9.795 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 105 Resp: 130794

Ion Ratio Lower Upper

105 100

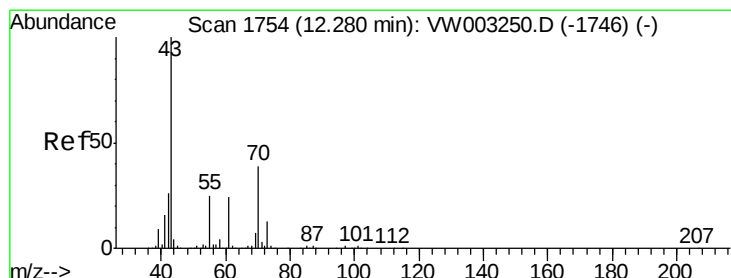
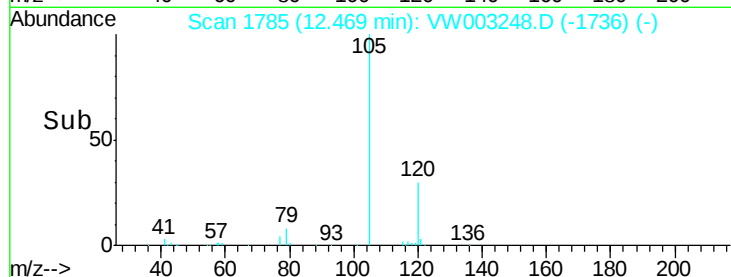
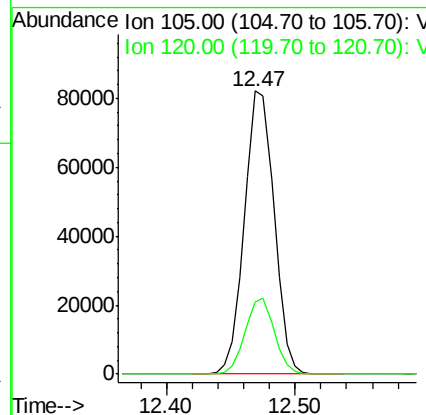
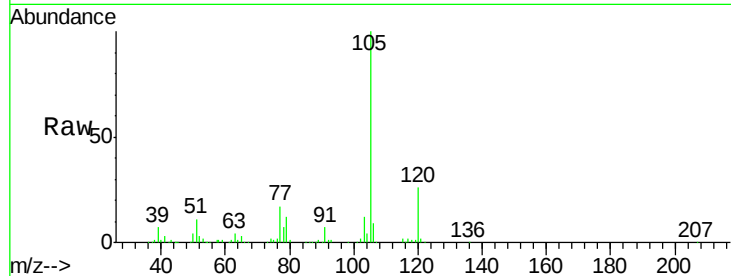
120 26.3 13.2 39.6

Manual Integrations

APPROVED

apatel

6/14/2018 10:02:28 AM



#74

N-ethyl acetate

Concen: 9.159 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion: 43 Resp: 28184

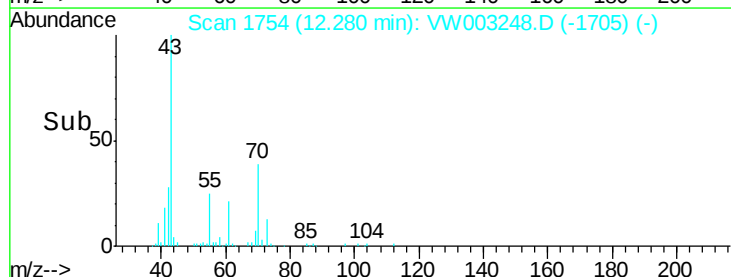
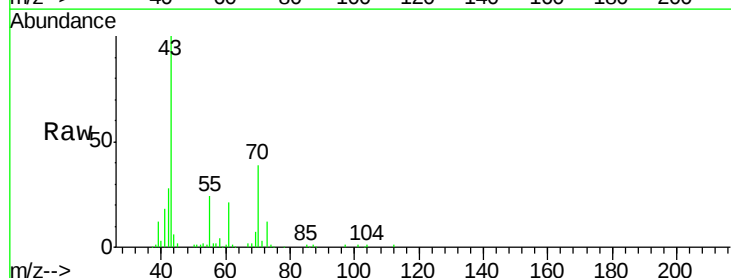
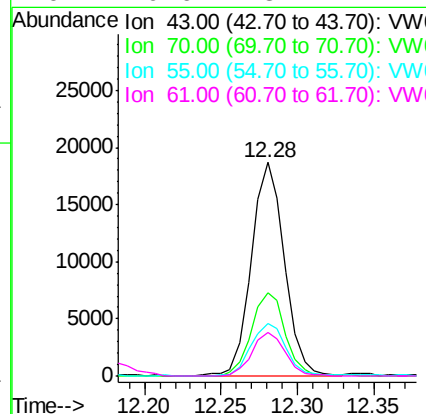
Ion Ratio Lower Upper

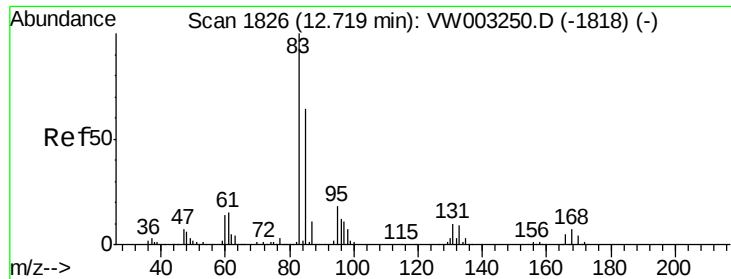
43 100

70 39.8 31.0 46.6

55 26.3 19.7 29.5

61 20.6 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 10.251 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

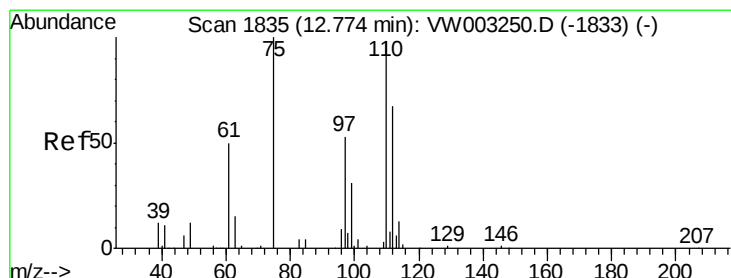
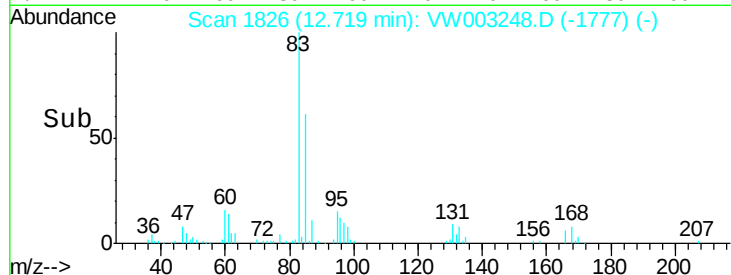
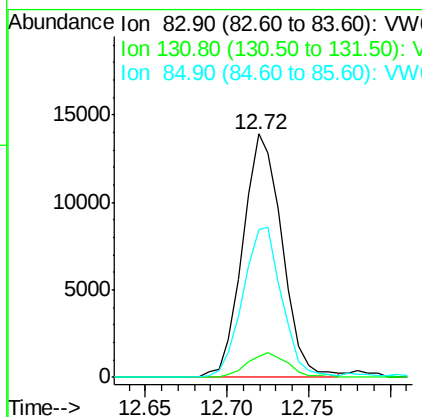
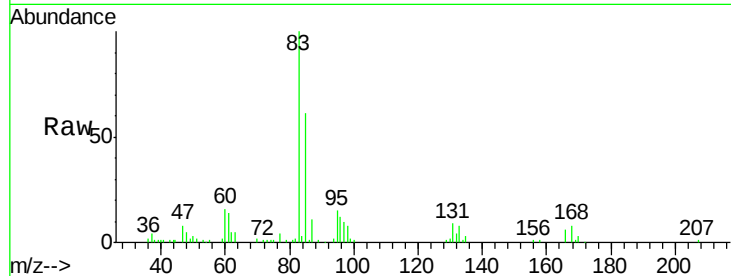
ClientSampled :

VSTDIC010

Tgt Ion:	83	Resp:	23318
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	61.3	31.9	95.7

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#76

1,2,3-Trichloropropane

Concen: 9.322 ug/l m

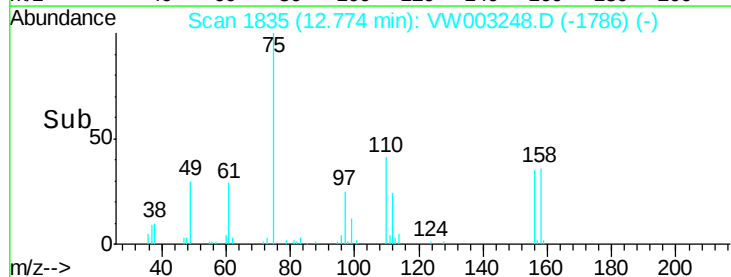
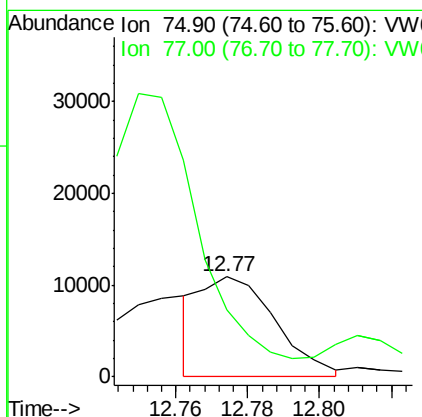
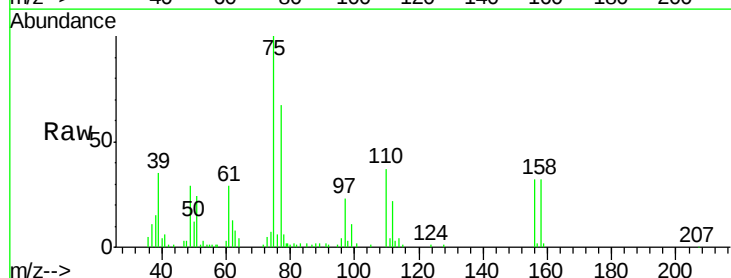
RT: 12.77 min Scan# 1835

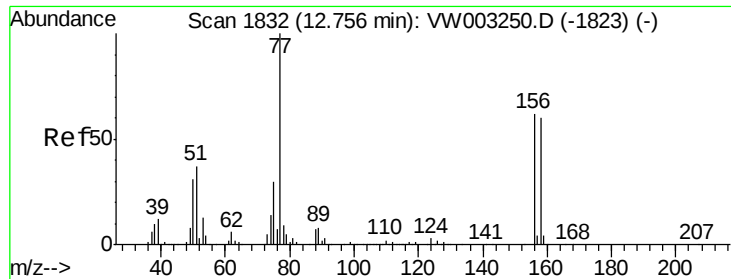
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	75	Resp:	15948
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.804 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

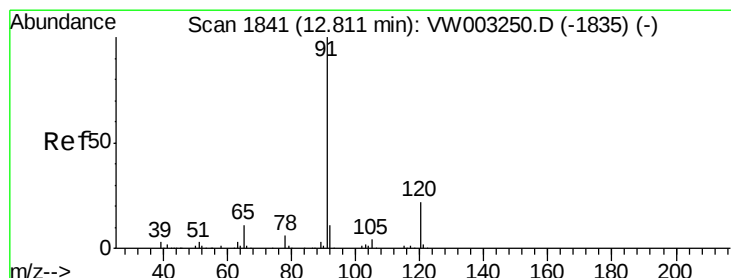
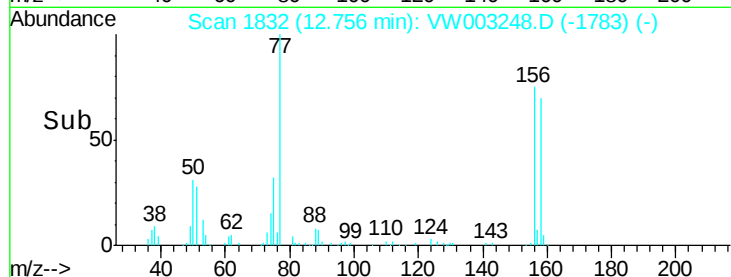
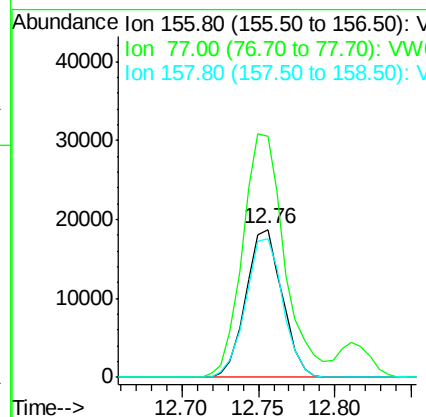
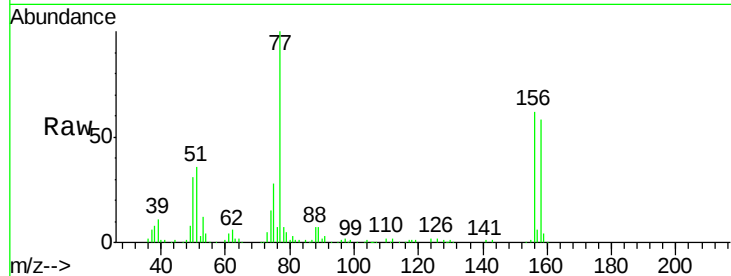
ClientSampled :

VSTDIC010

Tgt Ion:	156	Resp:	30865
Ion Ratio	Lower	Upper	
156	100		
77	189.2	92.3	276.9
158	96.4	47.5	142.6

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#78

n-propylbenzene

Concen: 10.122 ug/l

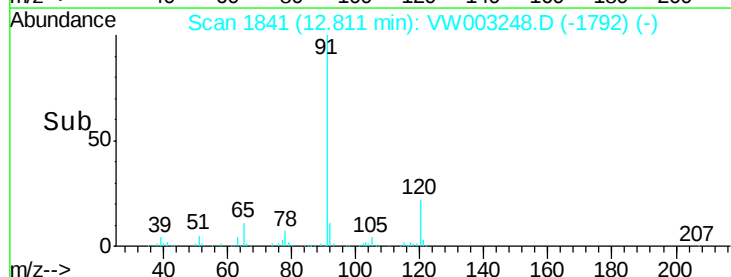
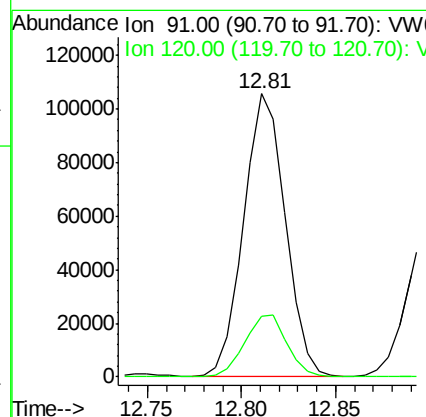
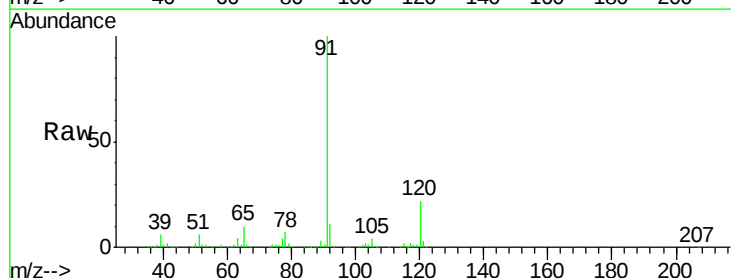
RT: 12.81 min Scan# 1841

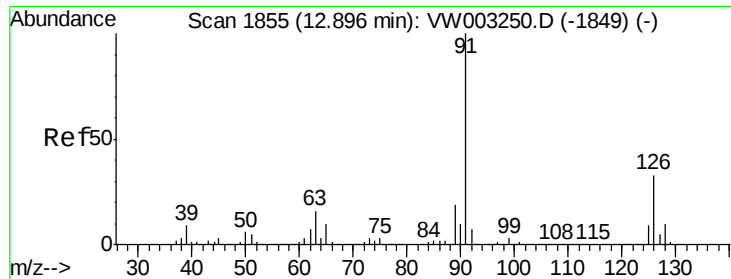
Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion:	91	Resp:	161407
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





#79

2-Chlorotoluene

Concen: 10.146 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 91929

Ion Ratio Lower Upper

91 100

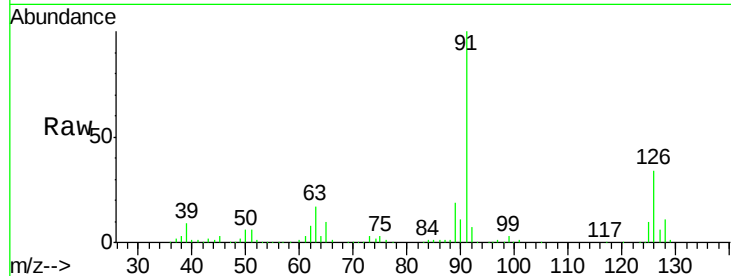
126 33.7 16.8 50.4

Manual Integrations

APPROVED

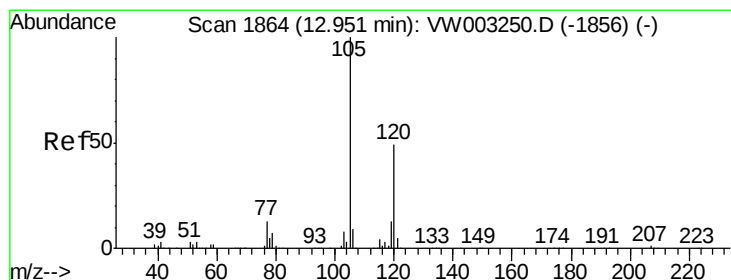
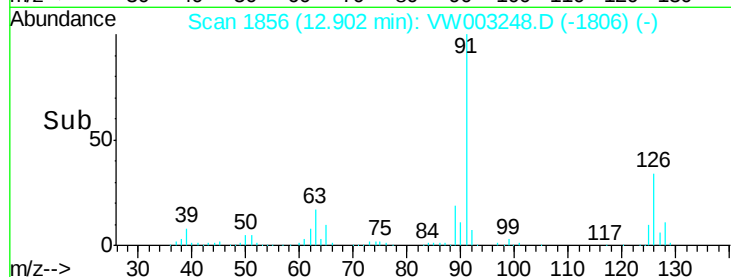
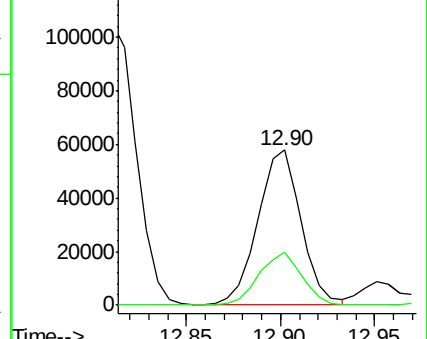
apatel

6/14/2018 10:02:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.955 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003248.D

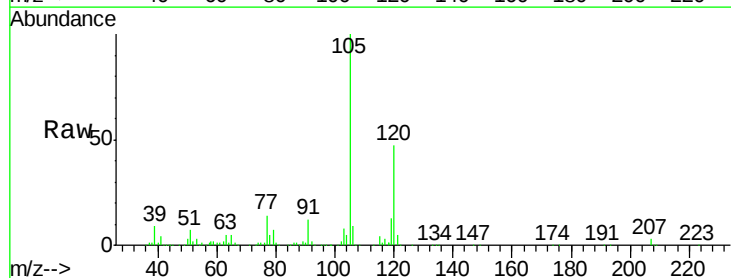
Acq: 13 Jun 2018 16:32

Tgt Ion: 105 Resp: 110855

Ion Ratio Lower Upper

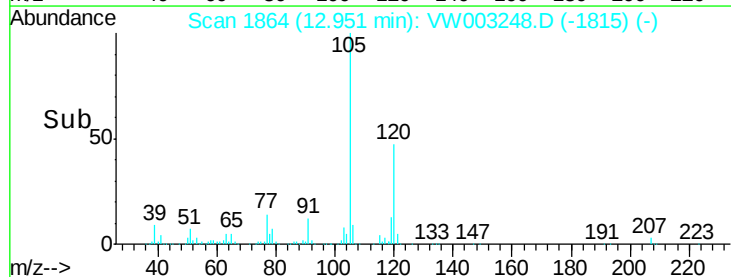
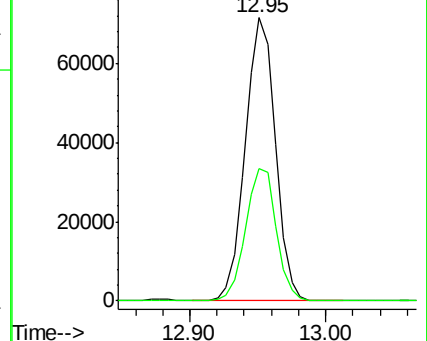
105 100

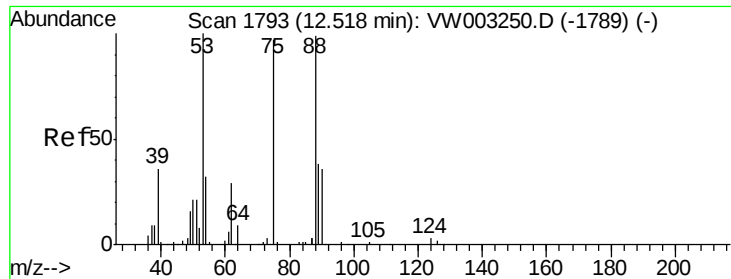
120 47.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





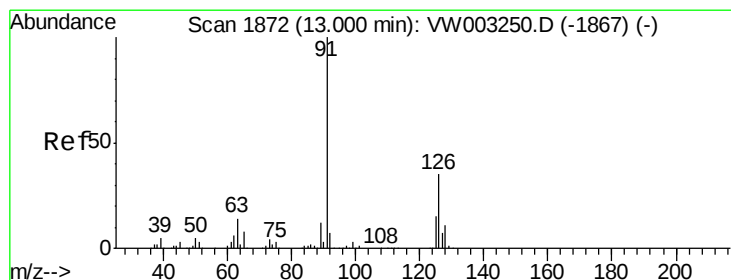
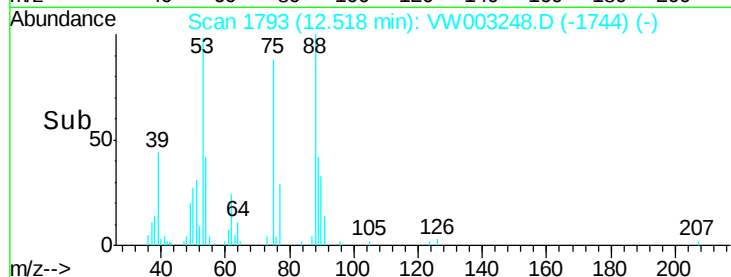
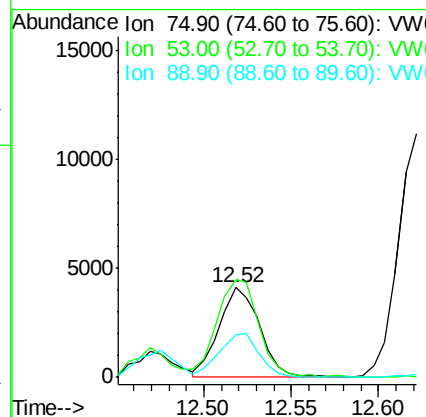
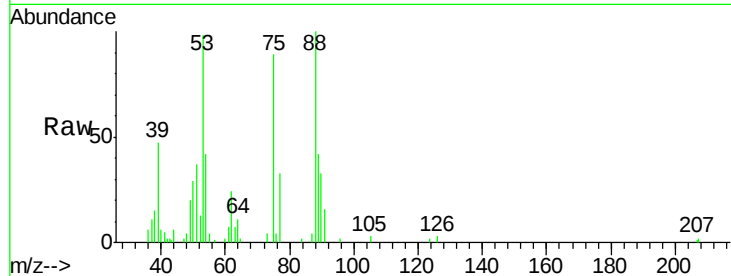
#81
trans-1,4-Dichloro-2-butene
Concen: 9.870 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.0	82.9	124.3
89	48.1	36.7	55.1

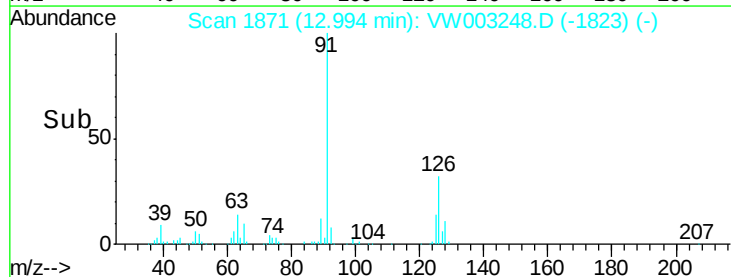
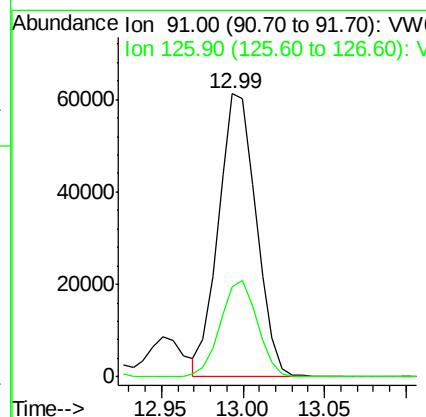
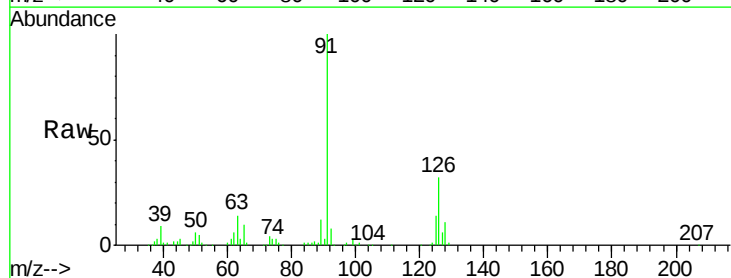
Manual Integrations
APPROVED

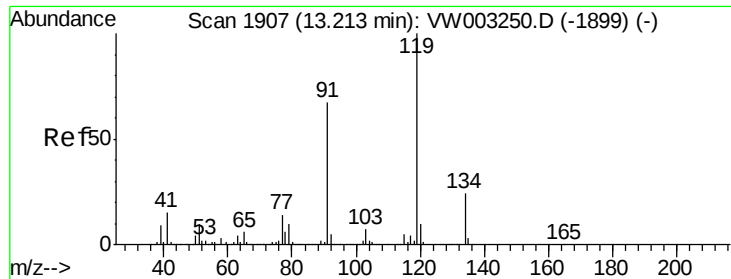
apatel
6/14/2018 10:02:28 AM



#82
4-Chlorotoluene
Concen: 10.210 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3





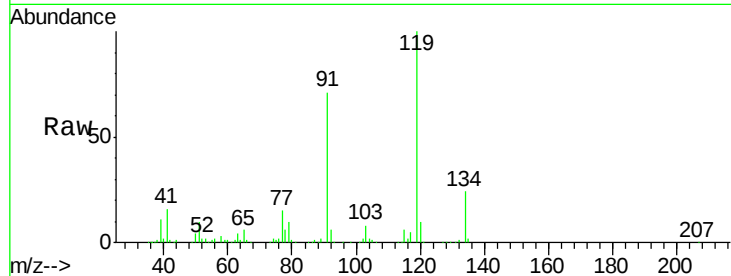
#83
tert-Butylbenzene
Concen: 9.391 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

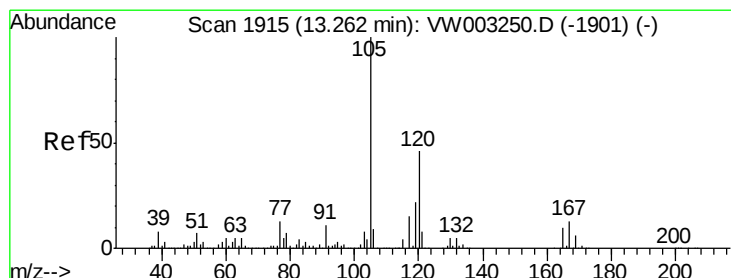
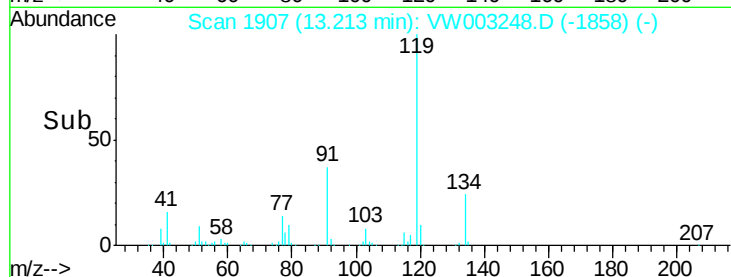
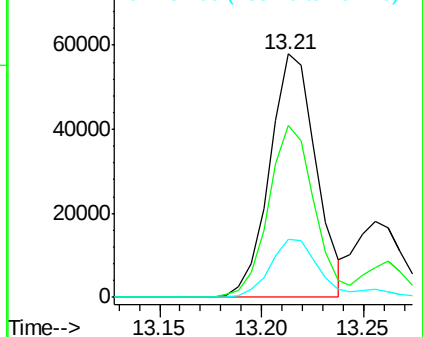
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	92050		
91	69.8	33.9	101.7	
134	24.6	13.4	40.1	

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM

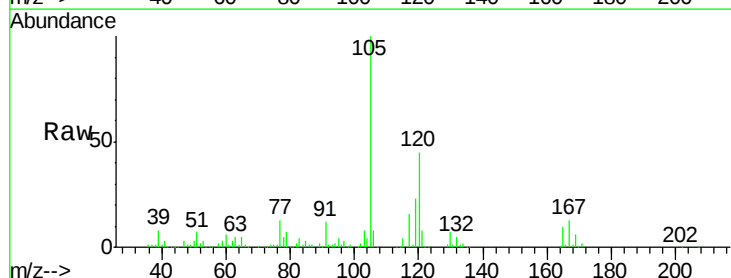


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

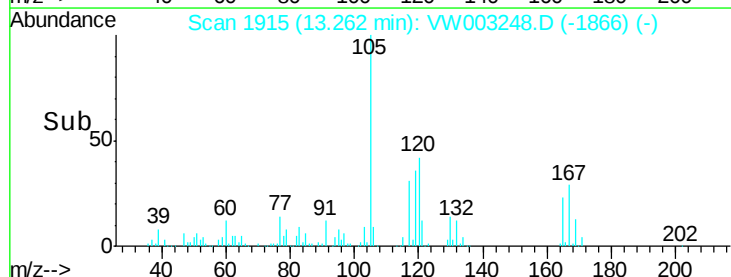
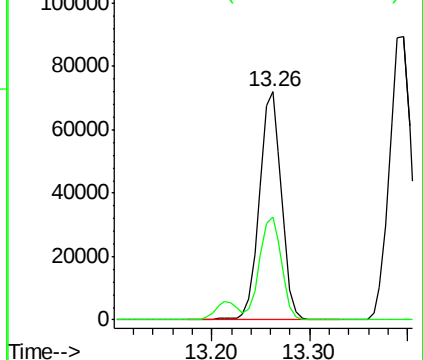


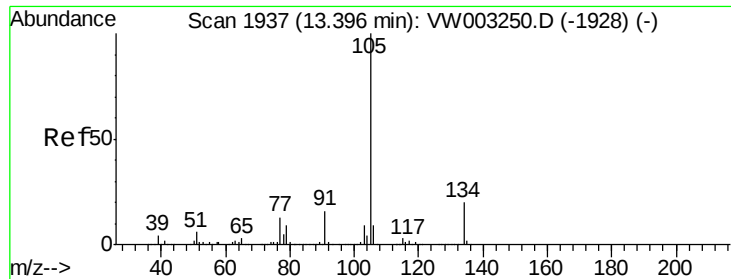
#84
1,2,4-Trimethylbenzene
Concen: 9.809 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112825		
120	45.3	22.5	67.5	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





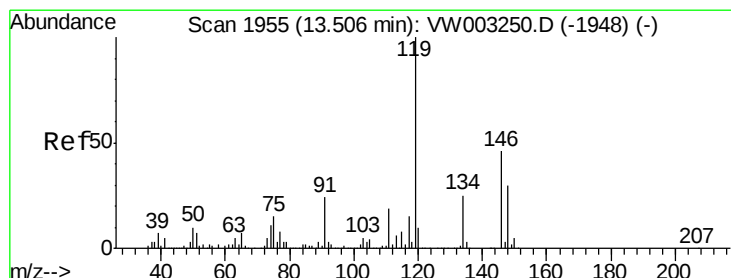
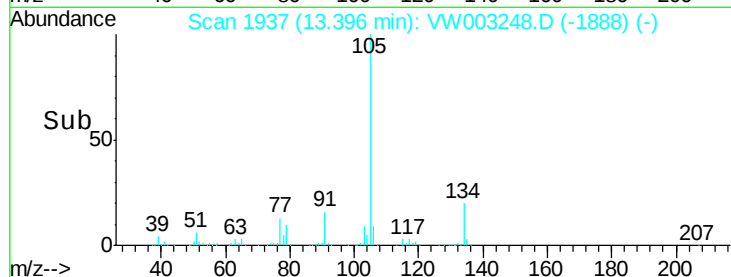
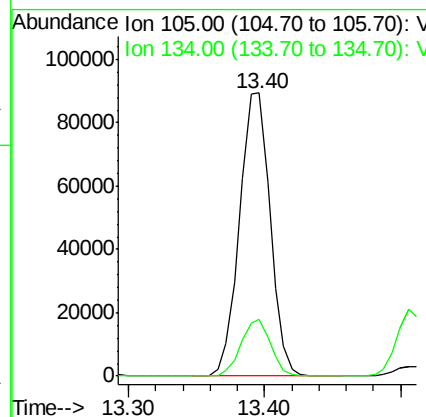
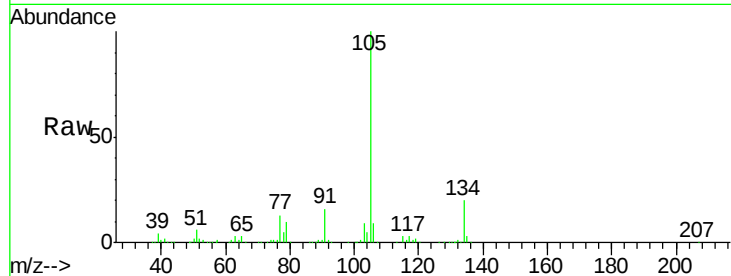
#85
 sec-Butylbenzene
 Concen: 10.088 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140451		
134	19.4	9.8	29.5	

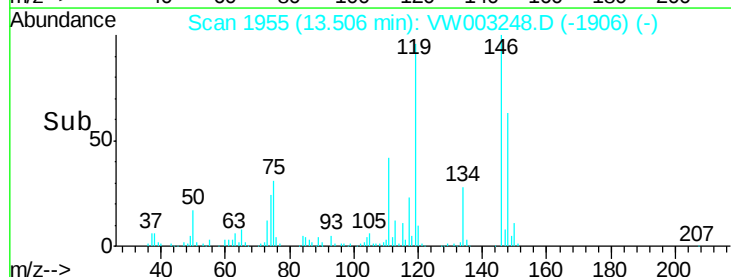
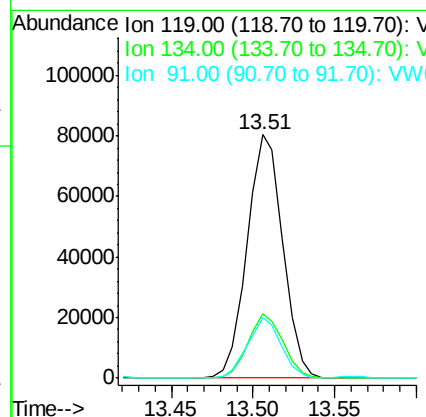
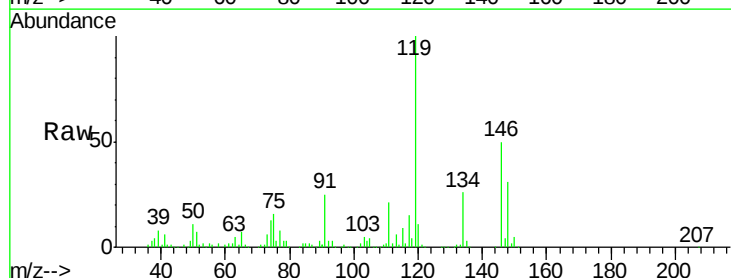
Manual Integrations
 APPROVED

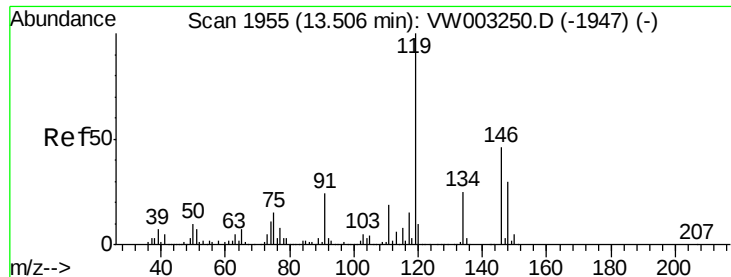
apatel
 6/14/2018 10:02:28 AM



#86
 p-Isopropyltoluene
 Concen: 9.837 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	122460		
134	25.8	12.9	38.7	
91	23.8	11.8	35.3	





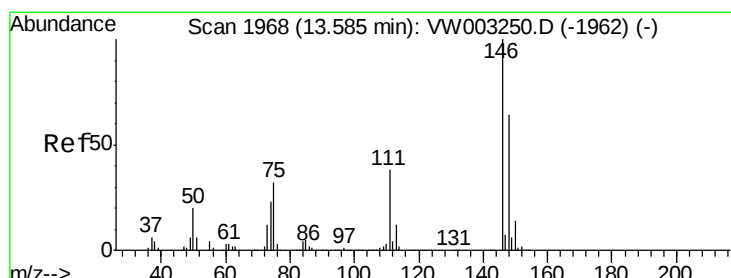
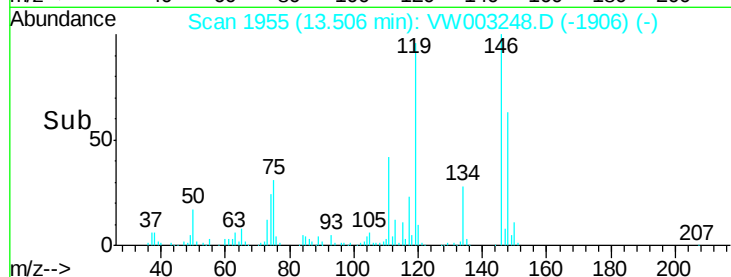
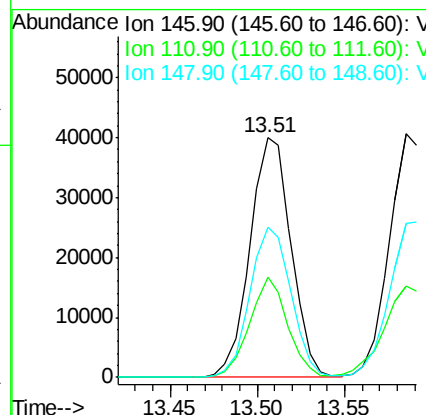
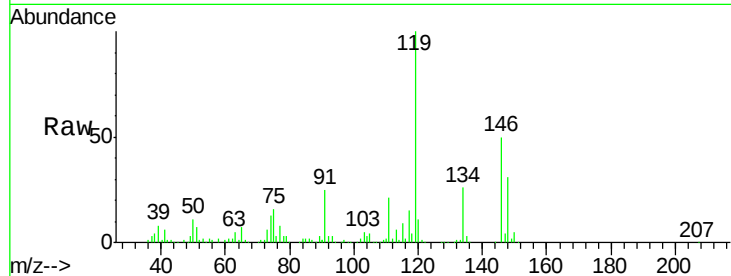
#87
 1,3-Dichlorobenzene
 Concen: 10.289 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tgt Ion:146 Resp: 65210
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.8 59.4
 148 62.6 32.1 96.5

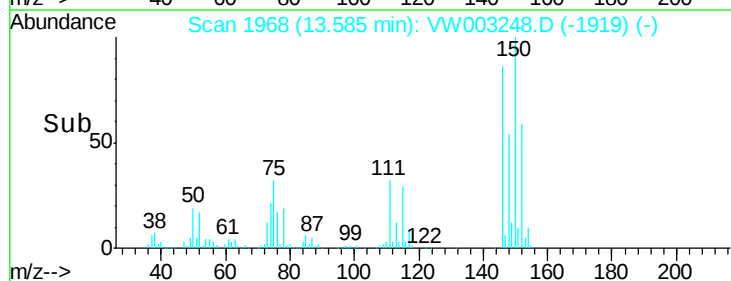
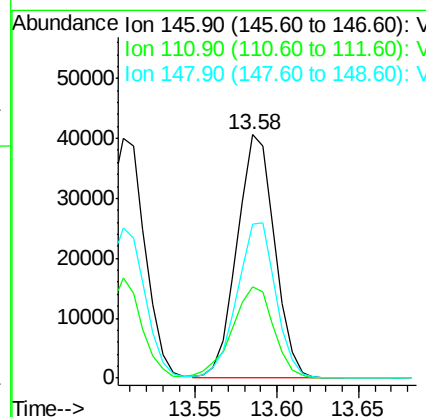
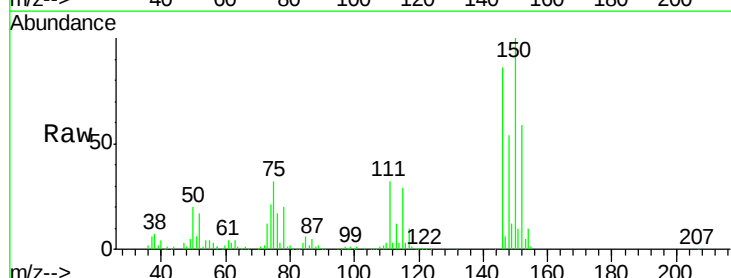
Manual Integrations
 APPROVED

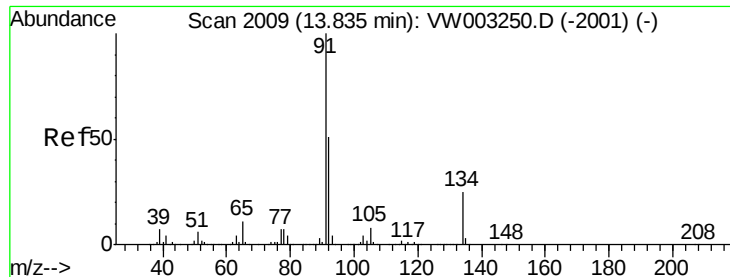
apatel
 6/14/2018 10:02:28 AM



#88
 1,4-Dichlorobenzene
 Concen: 10.348 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion:146 Resp: 65505
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.2 57.6
 148 65.3 31.8 95.4





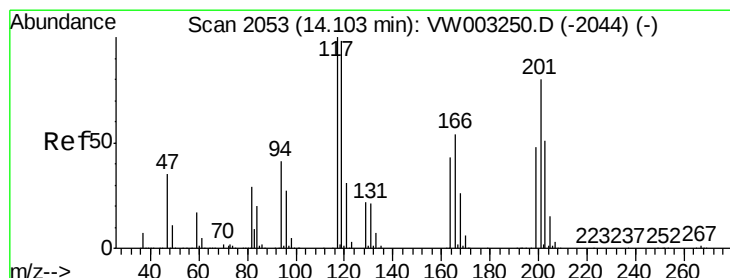
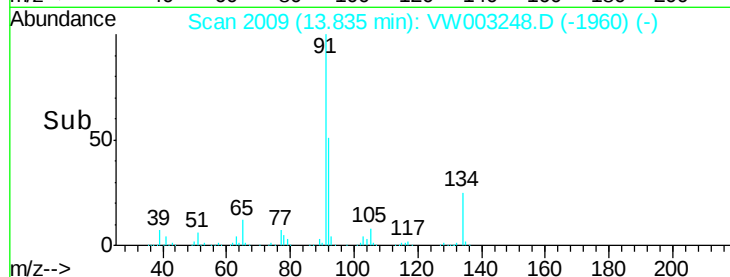
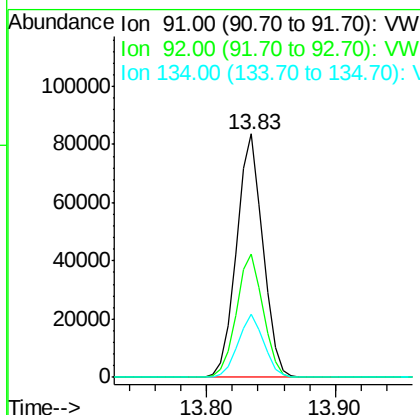
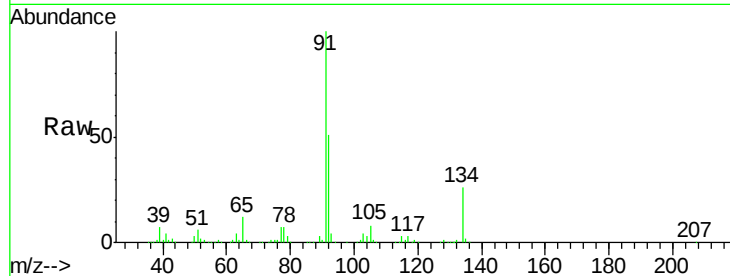
#89
n-Butylbenzene
Concen: 10.090 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 118867
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 25.4 12.7 38.0

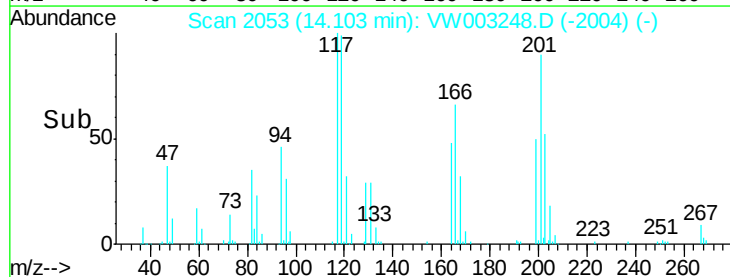
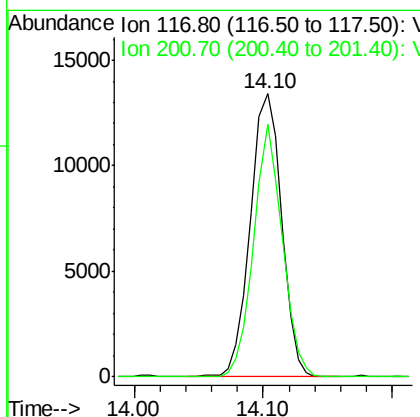
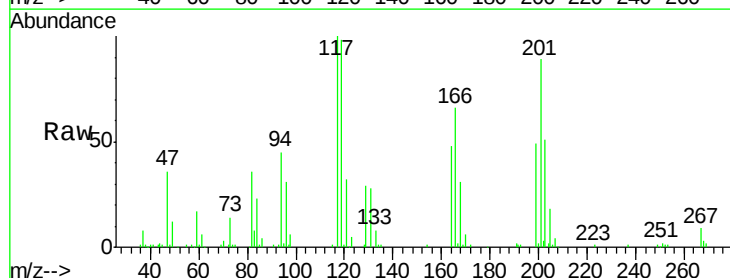
Manual Integrations
APPROVED

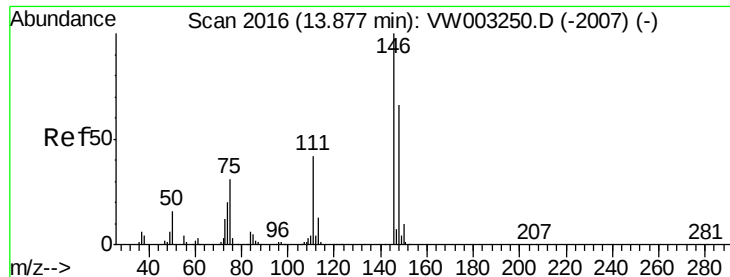
apatel
6/14/2018 10:02:28 AM



#90
Hexachloroethane
Concen: 10.161 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 117 Resp: 22466
Ion Ratio Lower Upper
117 100
201 81.7 39.5 118.5





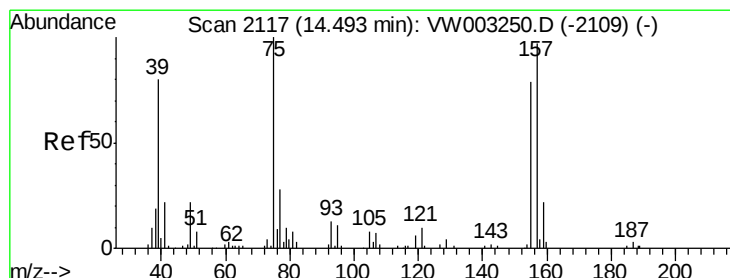
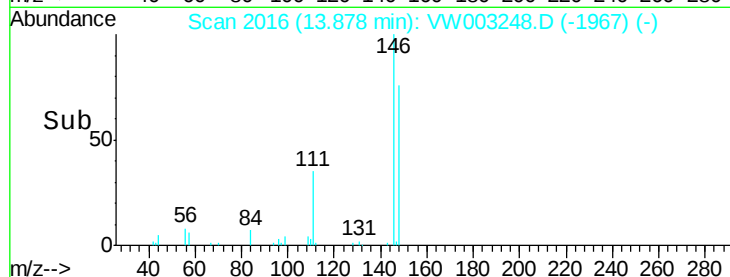
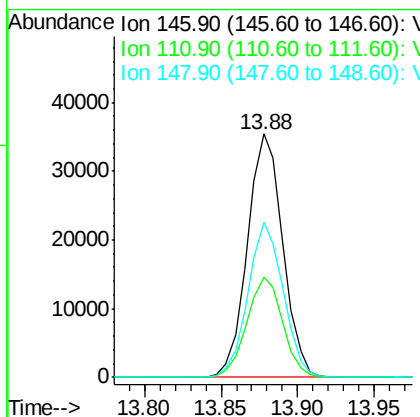
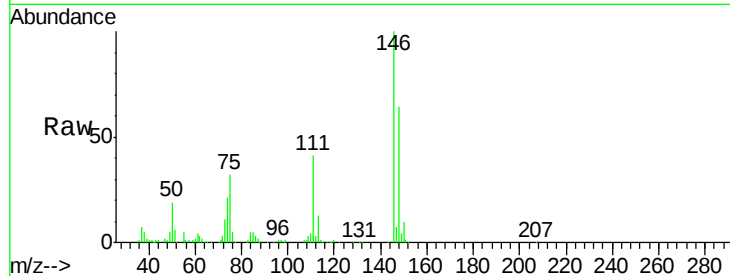
#91
 1,2-Dichlorobenzene
 Concen: 10.084 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	63.7	32.3	96.9

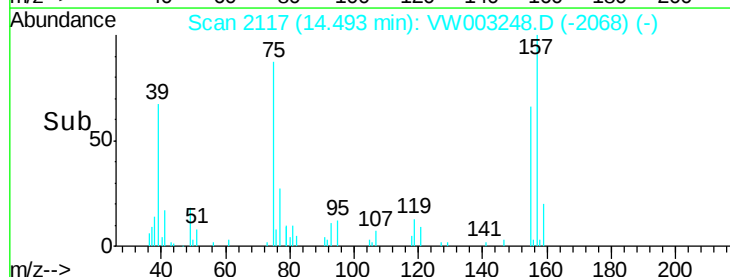
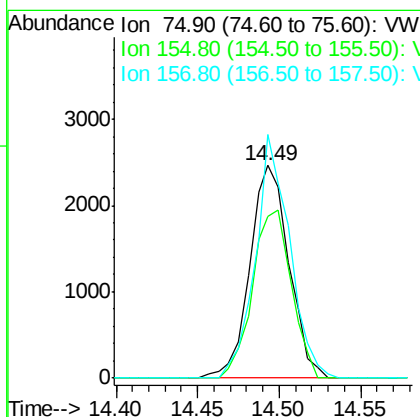
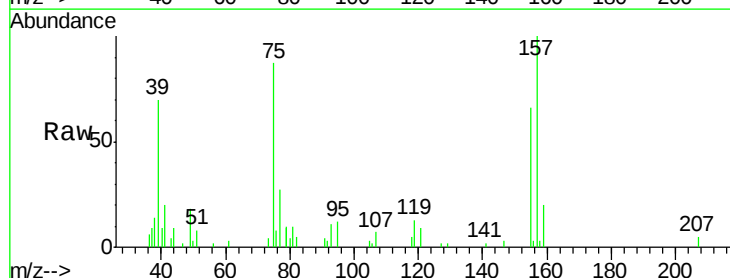
Manual Integrations
 APPROVED

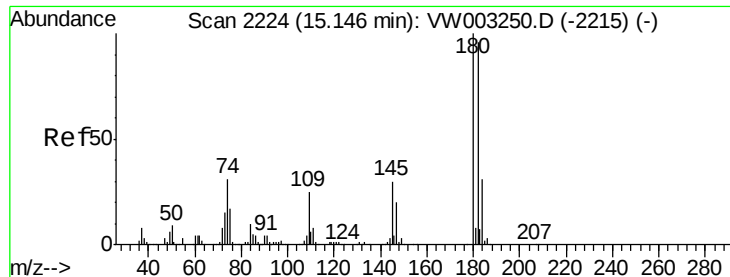
apatel
 6/14/2018 10:02:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.527 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	39.4	118.2
157	100.0	51.5	154.5





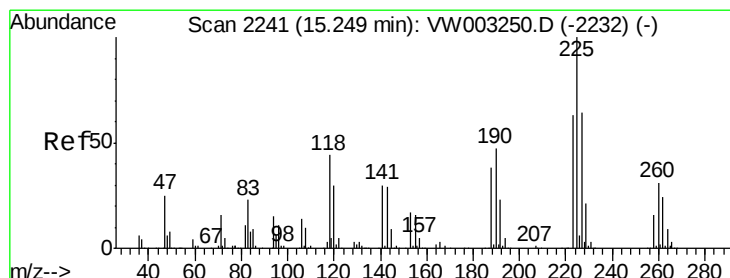
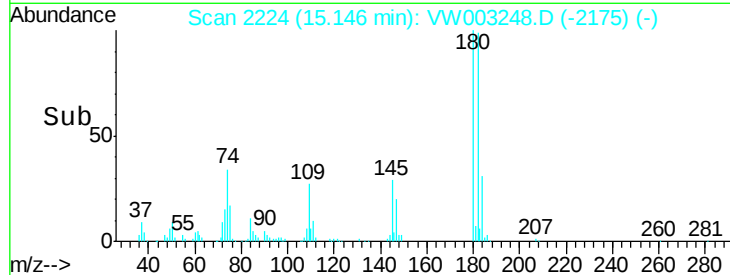
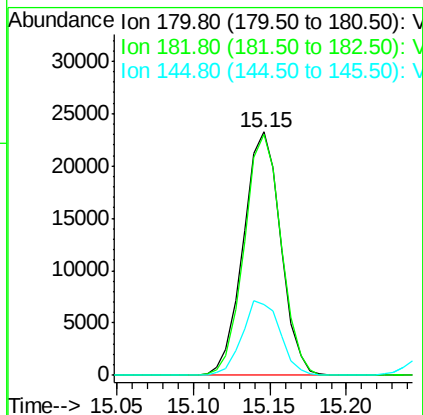
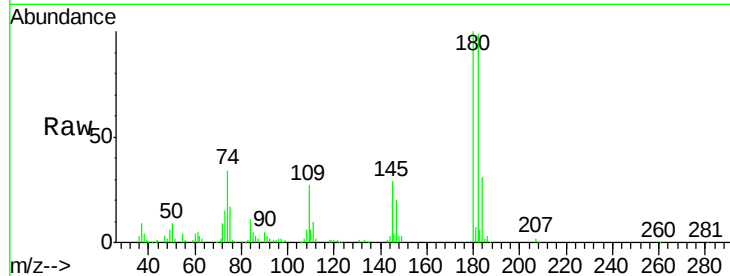
#93
 1,2,4-Trichlorobenzene
 Concen: 9.826 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	39480		
182	97.7	47.9	143.6	
145	30.9	15.2	45.5	

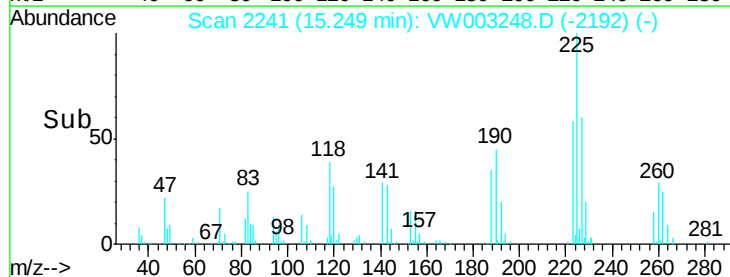
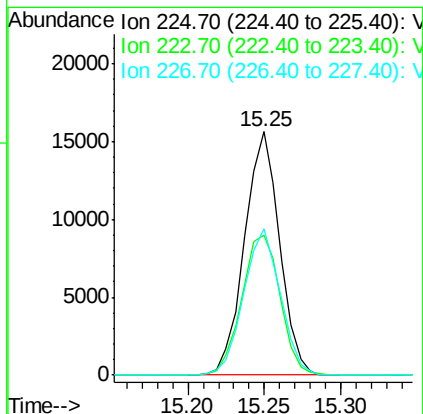
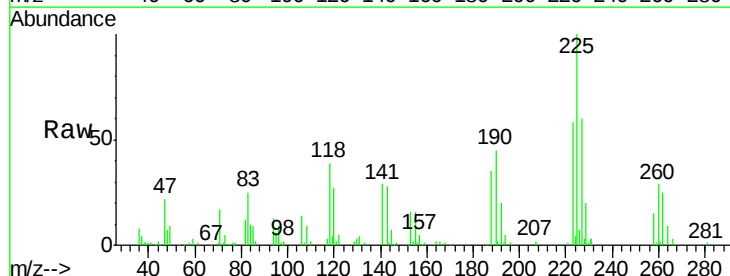
Manual Integrations
 APPROVED

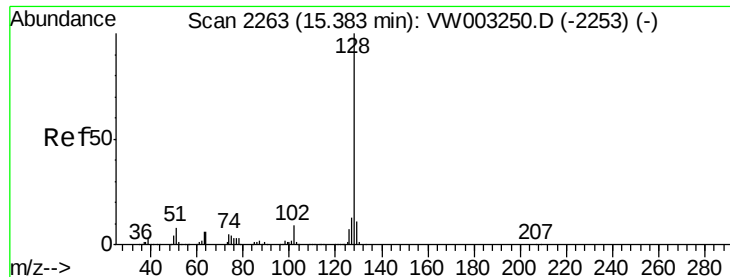
apatel
 6/14/2018 10:02:28 AM



#94
 Hexachlorobutadiene
 Concen: 10.585 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24921		
223	63.0	30.6	92.0	
227	62.7	31.7	95.1	





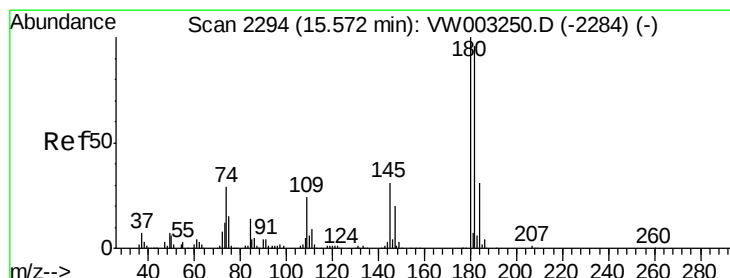
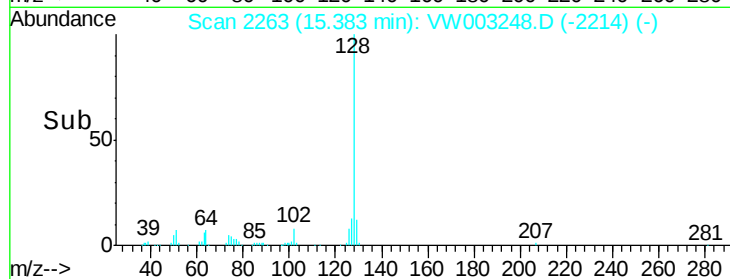
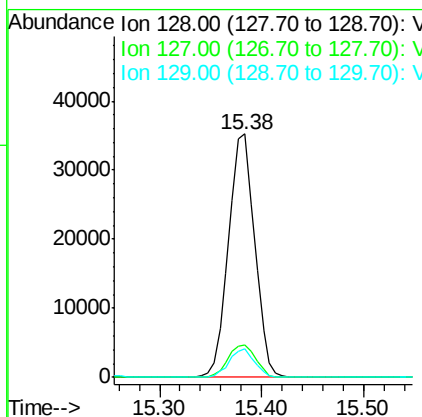
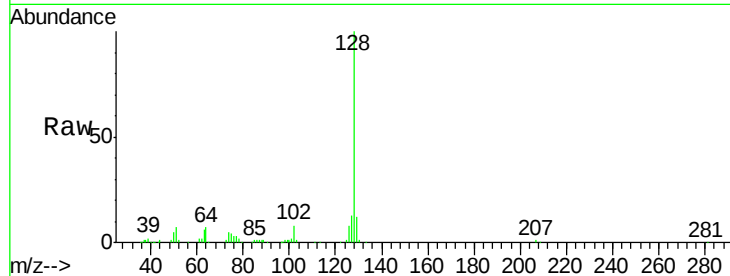
#95
Naphthalene
Concen: 8.822 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	11.2	8.9	13.3

Manual Integrations
APPROVED

apatel
6/14/2018 10:02:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 9.821 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.9	143.6
145	33.2	15.8	47.4

