

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005080.D
 Acq On : 04 Sep 2018 15:33
 Operator : SY/AP
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:19 AM

Quant Time: Sep 05 01:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	500586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	708871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	699028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	393981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	194381	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.89	113	201572	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.33	98	955020	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	345058	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89687	22.23	ug/l	98
3) Chloromethane	2.21	50	111094	18.98	ug/l	96
4) Vinyl Chloride	2.36	62	115858	20.35	ug/l	100
5) Bromomethane	2.76	94	76146	18.91	ug/l	100
6) Chloroethane	2.91	64	69124	19.51	ug/l	98
7) Trichlorofluoromethane	3.26	101	139380	21.77	ug/l	98
8) Diethyl Ether	3.69	74	47271	20.40	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92964	21.14	ug/l	97
10) Methyl Iodide	4.27	142	105227	18.60	ug/l	100
11) Tert butyl alcohol	5.20	59	33686	140.68	ug/l	97
12) 1,1-Dichloroethene	4.04	96	84734	20.93	ug/l	98
13) Acrolein	3.90	56	29503	109.54	ug/l	100
14) Allyl chloride	4.67	41	123582	19.53	ug/l	99
15) Acrylonitrile	5.38	53	104061	106.48	ug/l	99
16) Acetone	4.14	43	86360	103.77	ug/l	94
17) Carbon Disulfide	4.38	76	296773	21.04	ug/l	99
18) Methyl Acetate	4.68	43	47851	19.55	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	211081	21.48	ug/l	97
20) Methylene Chloride	4.92	84	178537	30.22	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	100232	20.32	ug/l	97
22) Diisopropyl ether	6.32	45	263683	19.80	ug/l	98
23) Vinyl Acetate	6.26	43	753860	107.79	ug/l	100
24) 1,1-Dichloroethane	6.22	63	158075	18.99	ug/l	100
25) 2-Butanone	7.18	43	147488	102.18	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142278	20.80	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	106738	19.78	ug/l	98
28) Bromochloromethane	7.52	49	59673	17.81	ug/l	94
29) Tetrahydrofuran	7.54	42	77184	104.65	ug/l	98
30) Chloroform	7.68	83	166457	19.60	ug/l	96
31) Cyclohexane	7.96	56	167624	20.57	ug/l	91
32) 1,1,1-Trichloroethane	7.88	97	150275	20.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	145021	21.48	ug/l	100
37) Ethyl Acetate	7.26	43	54342	21.52	ug/l	98
38) Carbon Tetrachloride	8.07	117	140725	21.92	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005080.D
 Acq On : 04 Sep 2018 15:33
 Operator : SY/AP
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:19 AM

Quant Time: Sep 05 01:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175531	21.50	ug/l	99
40) Benzene	8.33	78	411577	19.91	ug/l	99
41) Methacrylonitrile	7.49	41	32777	22.41	ug/l	99
42) 1,2-Dichloroethane	8.41	62	100115	19.79	ug/l	99
43) Isopropyl Acetate	8.43	43	97693	21.26	ug/l	99
44) Trichloroethene	9.10	130	118711	21.29	ug/l	97
45) 1,2-Dichloropropane	9.37	63	100571	19.92	ug/l	99
46) Dibromomethane	9.46	93	48833	20.23	ug/l	97
47) Bromodichloromethane	9.65	83	124591	20.49	ug/l	98
48) Methyl methacrylate	9.44	41	44773	20.24	ug/l	96
49) 1,4-Dioxane	9.46	88	16847	431.49	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	347107	112.73	ug/l	99
52) Toluene	10.39	92	292745	20.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	131189	21.96	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	160136	22.04	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	81116	21.70	ug/l	98
56) Ethyl methacrylate	10.65	69	95098	22.30	ug/l	99
57) 1,3-Dichloropropane	10.94	76	132816	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	219234	108.49	ug/l	98
59) 2-Hexanone	10.98	43	240652	115.55	ug/l	98
60) Dibromochloromethane	11.13	129	92173	21.81	ug/l	100
61) 1,2-Dibromoethane	11.24	107	72946	21.61	ug/l	98
64) Tetrachloroethene	10.87	164	112137	20.45	ug/l	97
65) Chlorobenzene	11.66	112	328459	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	102781	21.37	ug/l	99
67) Ethyl Benzene	11.74	91	560302	21.06	ug/l	99
68) m/p-Xylenes	11.85	106	460994	43.28	ug/l	100
69) o-Xylene	12.17	106	213417	21.67	ug/l	97
70) Styrene	12.19	104	351628	21.61	ug/l	100
71) Bromoform	12.35	173	56769	22.27	ug/l #	98
73) Isopropylbenzene	12.47	105	570130	20.52	ug/l	99
74) N-amyl acetate	12.28	43	100651	21.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	89732	21.22	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61367m	20.75	ug/l	
77) Bromobenzene	12.75	156	140280	20.49	ug/l	98
78) n-propylbenzene	12.81	91	695877	20.75	ug/l	100
79) 2-Chlorotoluene	12.90	91	395458	20.21	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	504695	21.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28052	22.83	ug/l	97
82) 4-Chlorotoluene	12.99	91	412529	19.97	ug/l	99
83) tert-Butylbenzene	13.21	119	414930	20.68	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	504492	20.62	ug/l	100
85) sec-Butylbenzene	13.39	105	605962	20.55	ug/l	98
86) p-Isopropyltoluene	13.51	119	558446	21.40	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	286641	20.39	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	290354	20.82	ug/l	99
89) n-Butylbenzene	13.83	91	516507	21.35	ug/l	100
90) Hexachloroethane	14.10	117	86129	19.87	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	253629	20.70	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14370	21.74	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005080.D
Acq On : 04 Sep 2018 15:33
Operator : SY/AP
Sample : VW0904SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

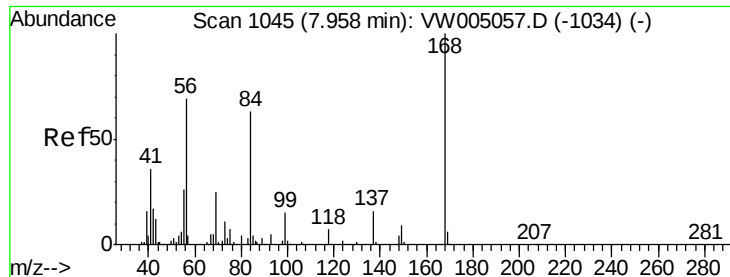
Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM

Quant Time: Sep 05 01:42:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	187126	22.77	ug/l	99
94) Hexachlorobutadiene	15.24	225	113140	22.14	ug/l	99
95) Naphthalene	15.38	128	300060	23.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	161166	22.92	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion:168 Resp: 500586

Ion Ratio Lower Upper

168 100

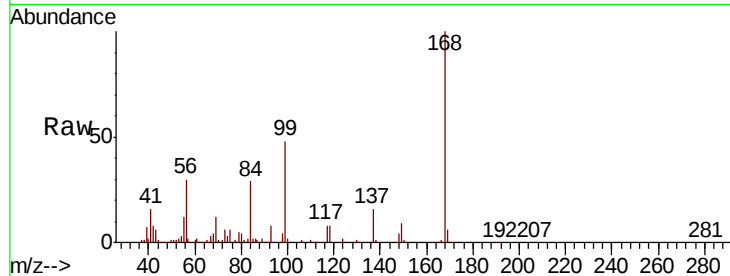
99 47.7 39.4 59.0

Manual Integrations

APPROVED

apatel

9/5/2018 10:02:19 AM



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

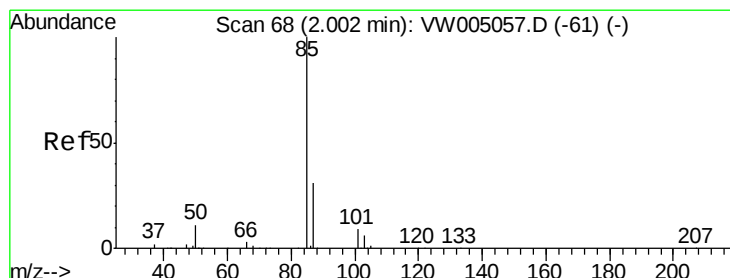
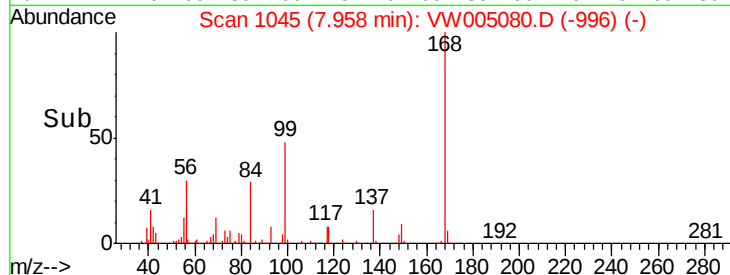
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 22.23 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005080.D

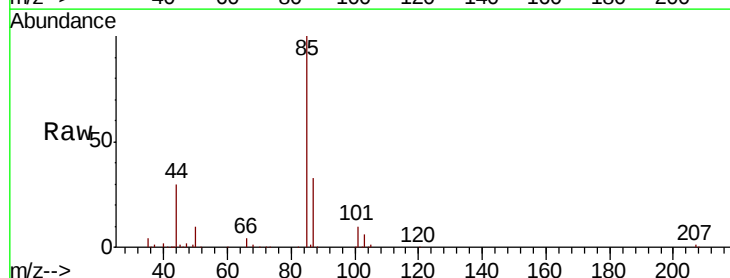
Acq: 04 Sep 2018 15:33

Tgt Ion: 85 Resp: 89687

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

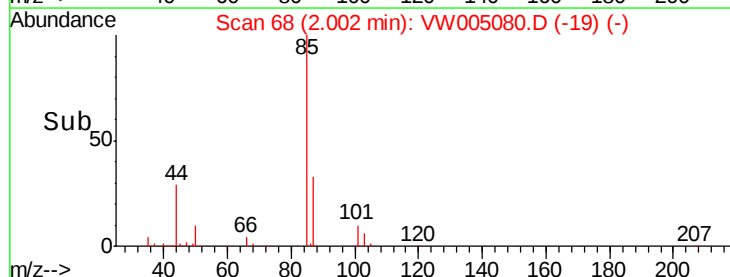
20000

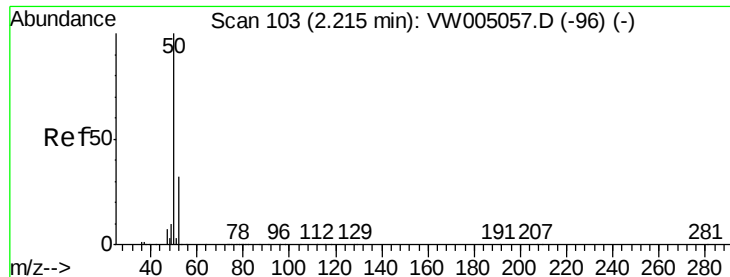
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 18.98 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 50 Resp: 111094

Ion Ratio Lower Upper

50 100

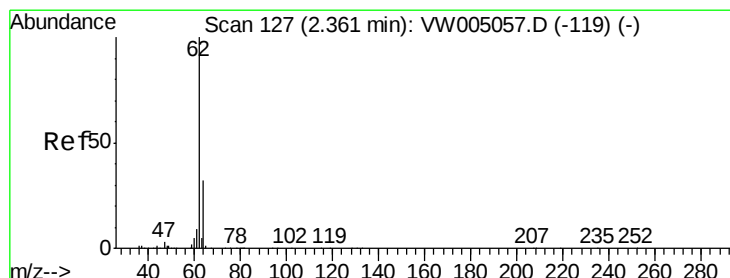
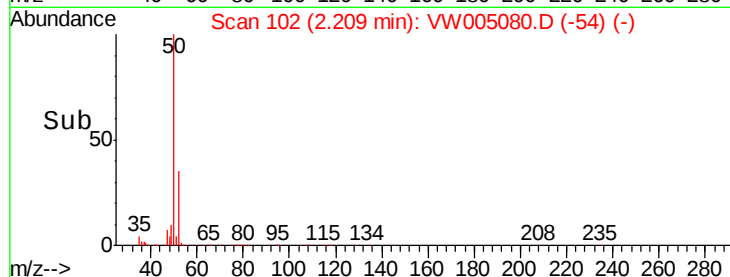
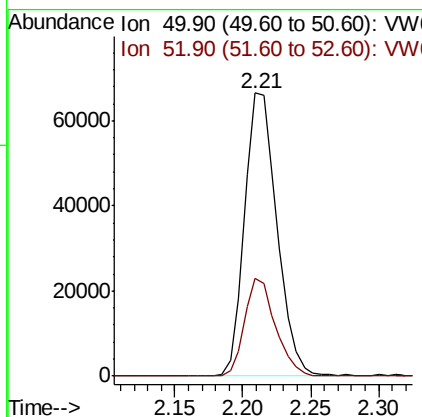
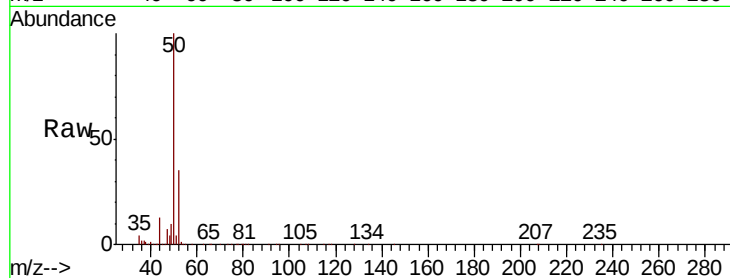
52 34.7 25.8 38.6

Manual Integrations

APPROVED

apatel

9/5/2018 10:02:19 AM



#4

Vinyl Chloride

Concen: 20.35 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005080.D

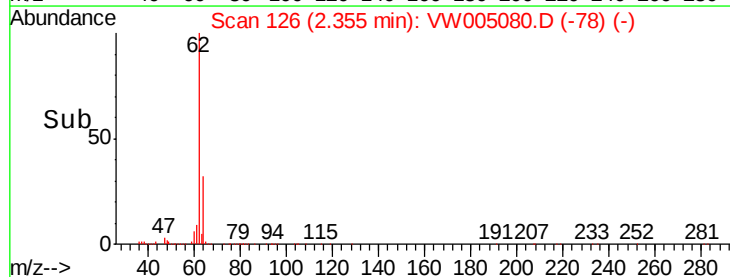
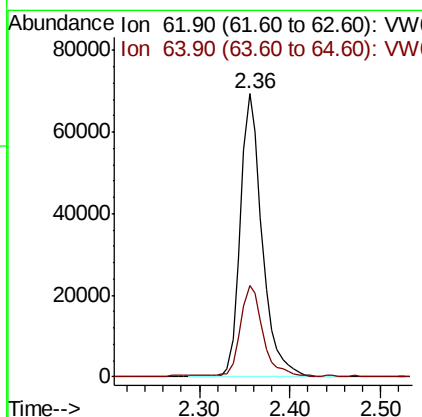
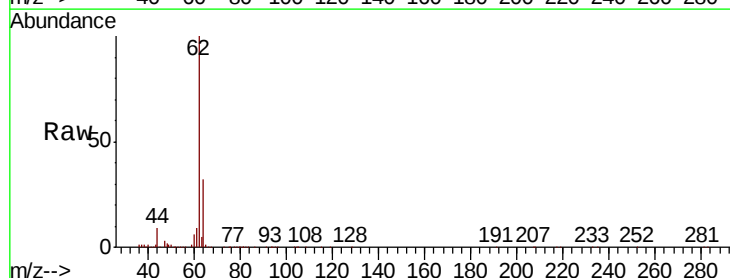
Acq: 04 Sep 2018 15:33

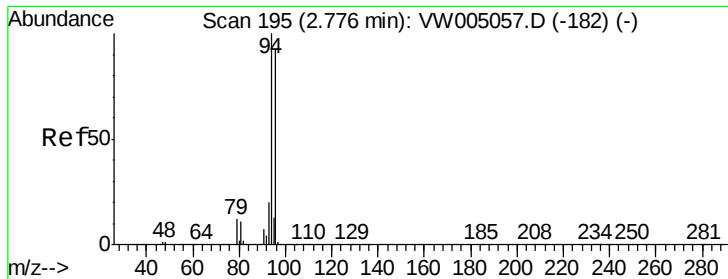
Tgt Ion: 62 Resp: 115858

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 18.91 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 94 Resp: 76146

Ion Ratio Lower Upper

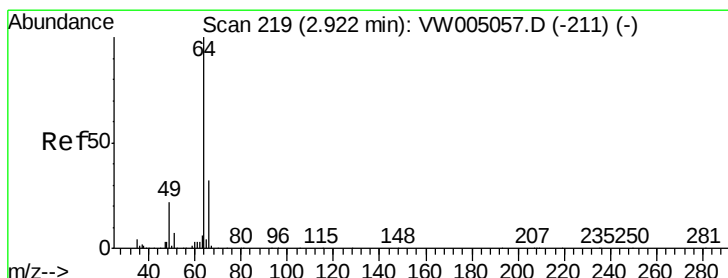
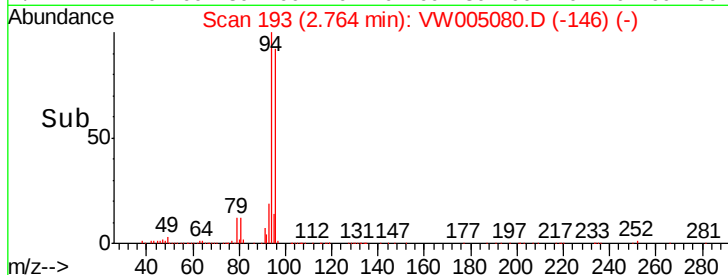
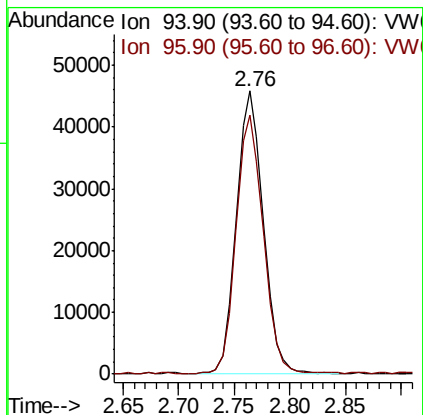
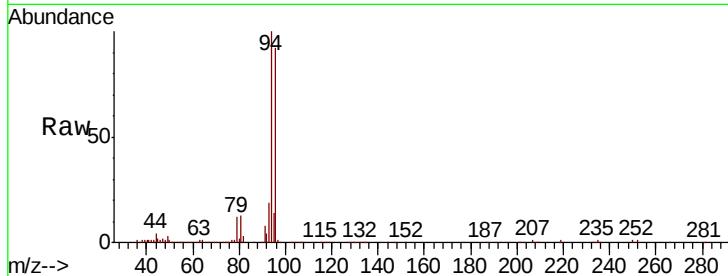
94 100

96 91.7 73.2 109.8

Manual Integrations
APPROVED

apatel

9/5/2018 10:02:19 AM



#6

Chloroethane

Concen: 19.51 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW005080.D

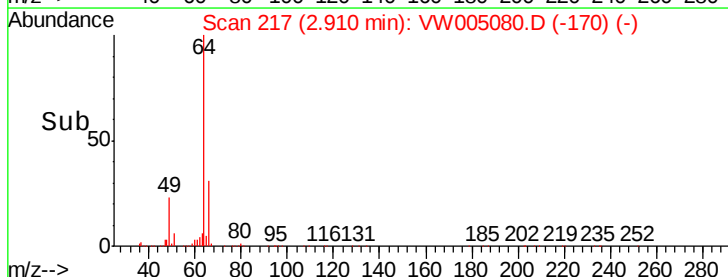
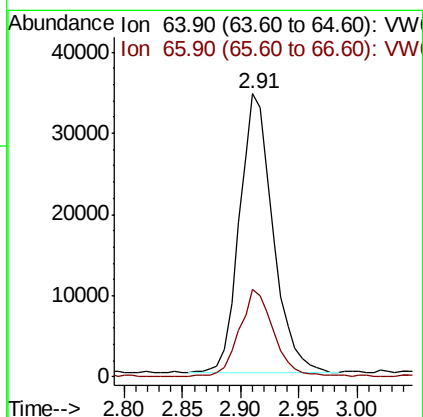
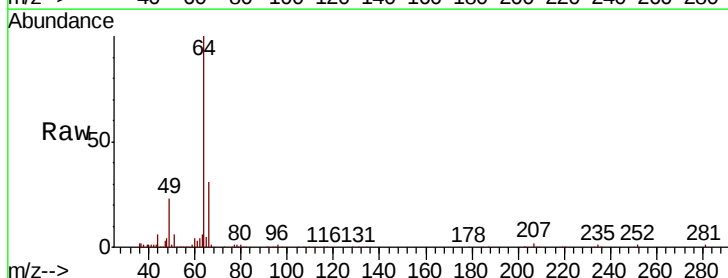
Acq: 04 Sep 2018 15:33

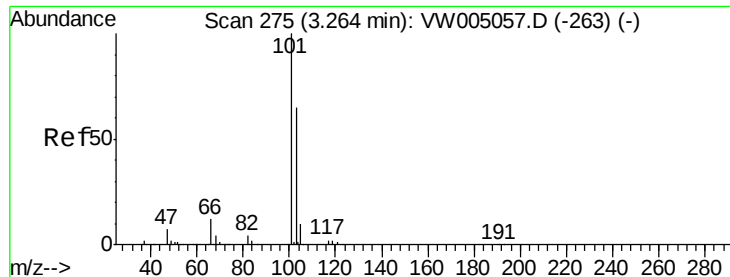
Tgt Ion: 64 Resp: 69124

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5





#7

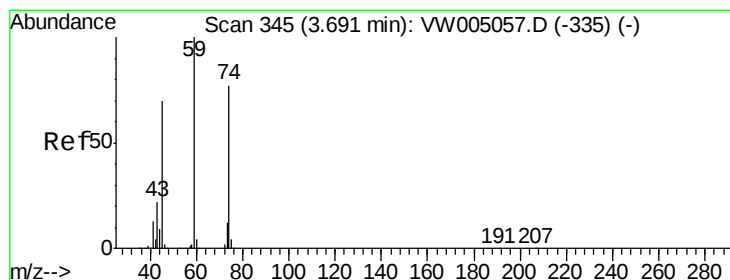
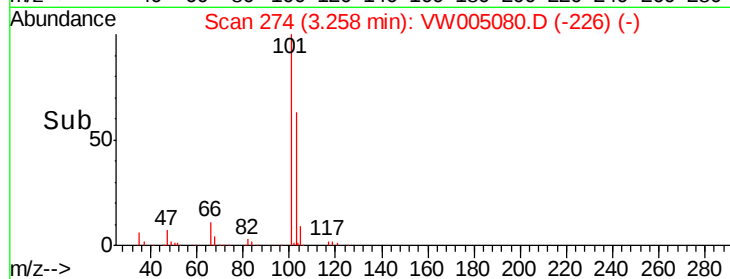
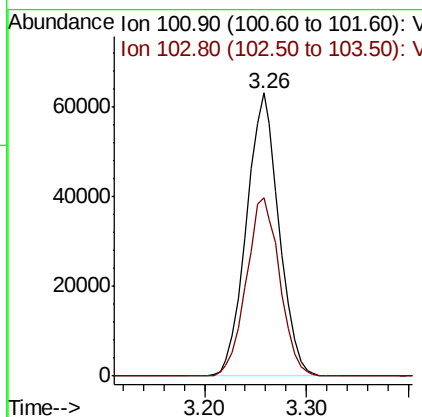
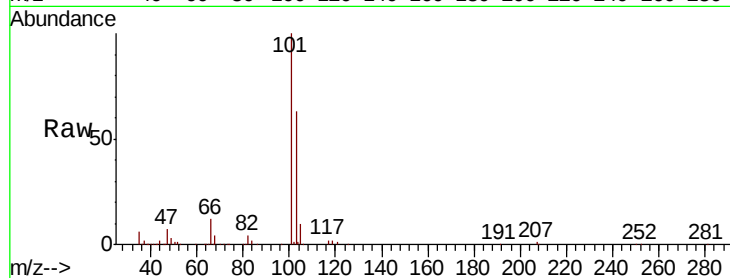
Trichlorofluoromethane
Concen: 21.77 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		139380		
103	63.0	51.9	77.9		

Manual Integrations
APPROVED

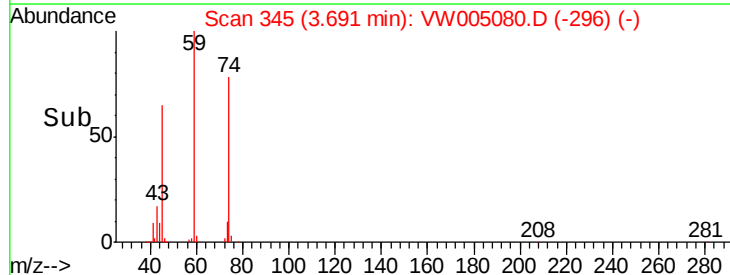
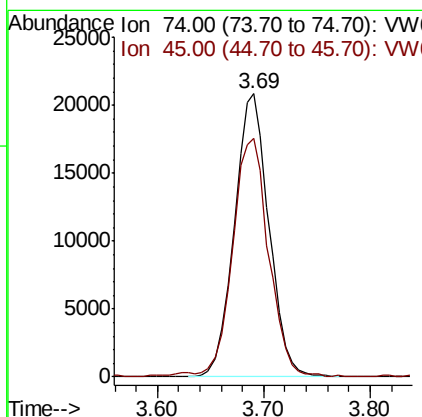
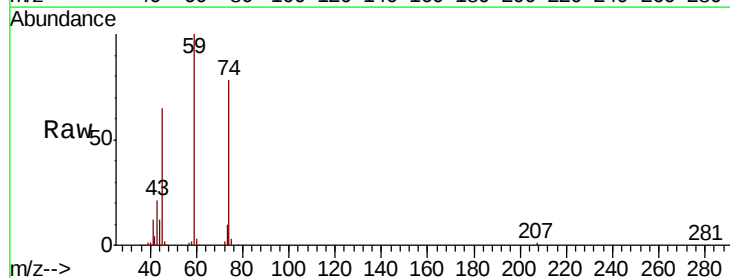
apatel
9/5/2018 10:02:19 AM

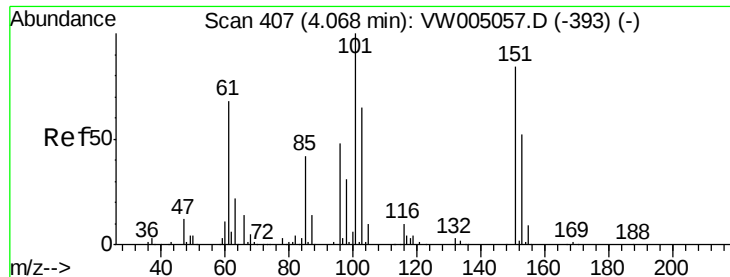


#8

Diethyl Ether
Concen: 20.40 ug/l
RT: 3.69 min Scan# 345
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		47271		
45	89.1	46.0	137.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.14 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

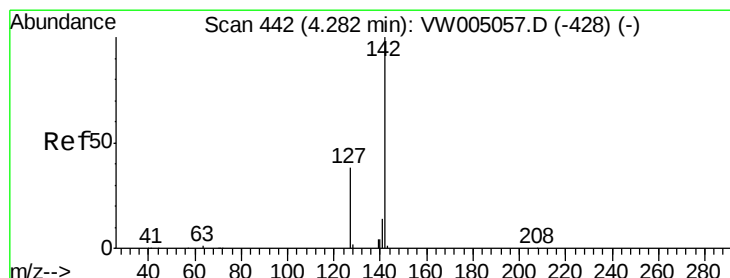
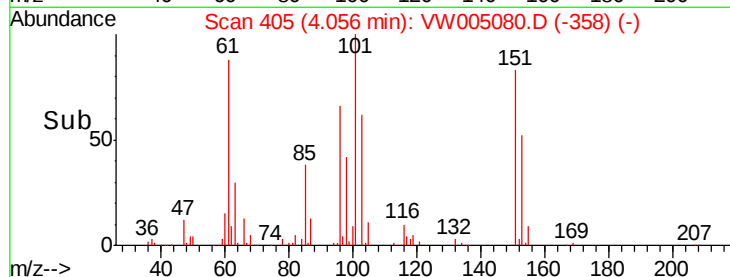
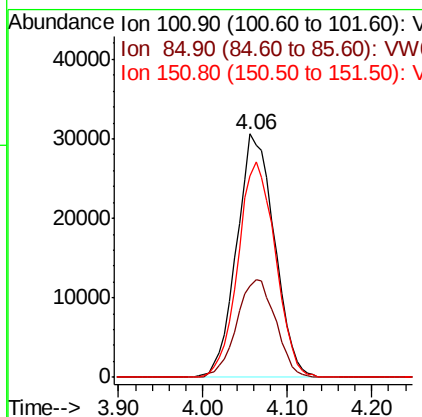
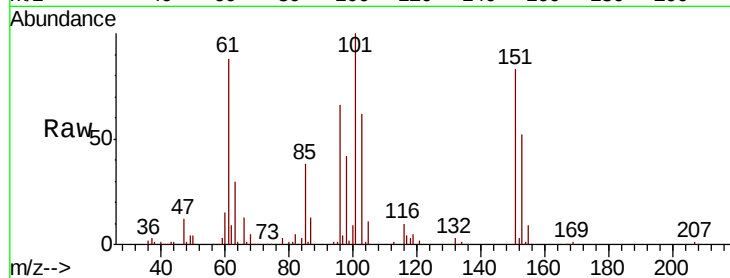
ClientSampleId :

VW0904SBSD01

Tot Ion:	101	Resp:	92964
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.0	49.6
151	87.4	67.0	100.6

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#10

Methyl Iodide

Concen: 18.60 ug/l

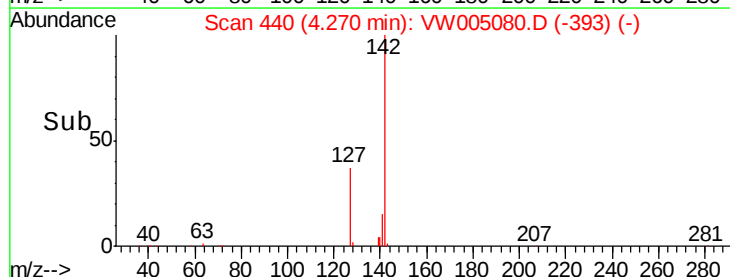
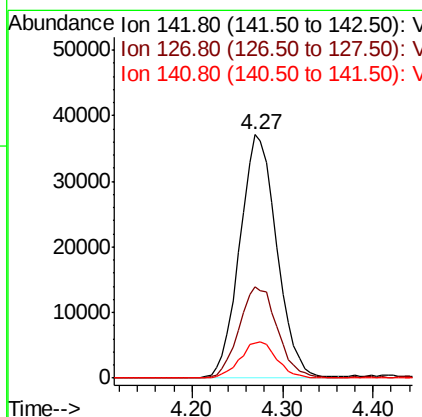
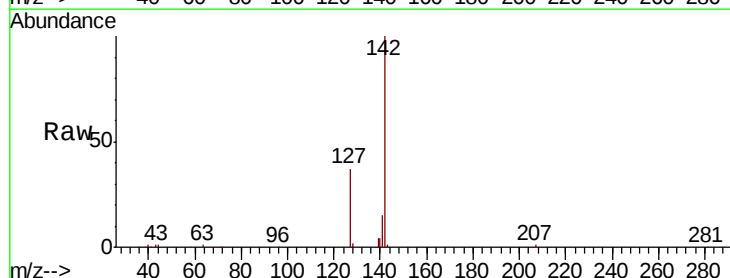
RT: 4.27 min Scan# 440

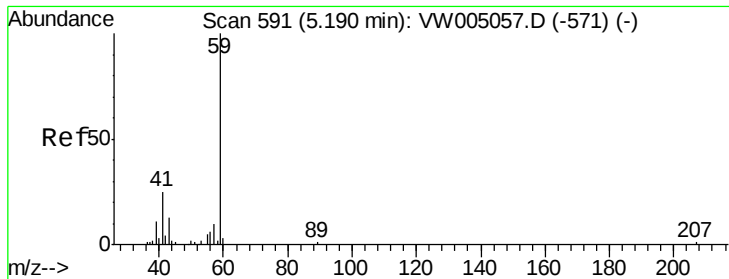
Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	142	Resp:	105227
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.7	11.6	17.4





#11

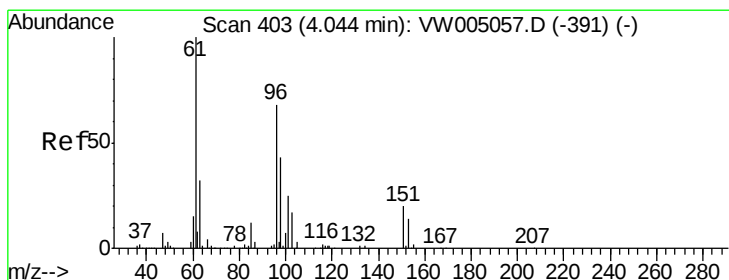
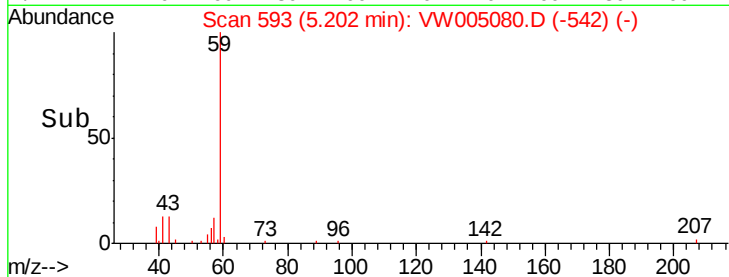
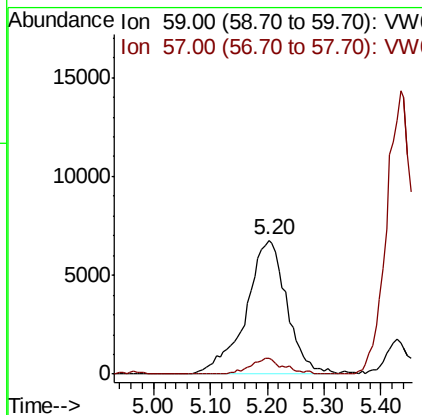
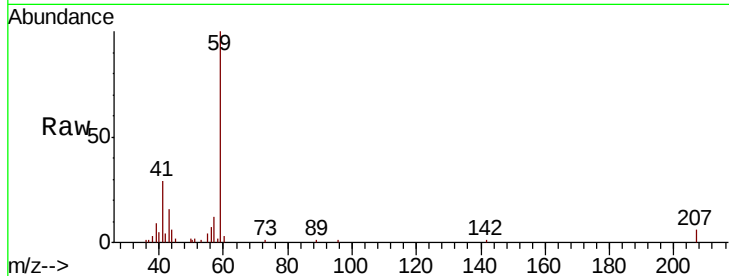
Tert butyl alcohol
Concen: 140.68 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	9.6		8.6	12.8	

Manual Integrations
APPROVED

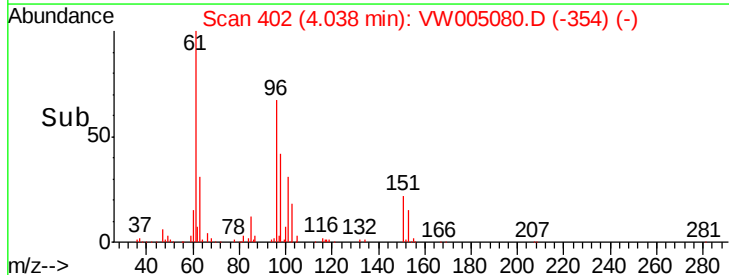
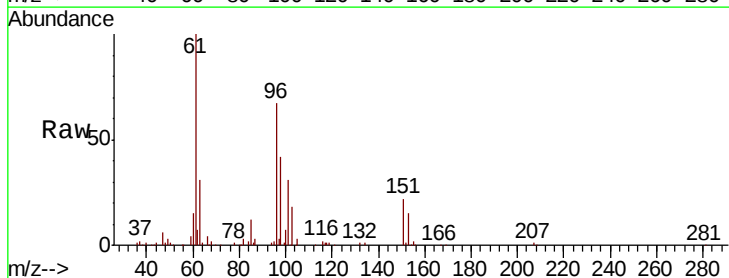
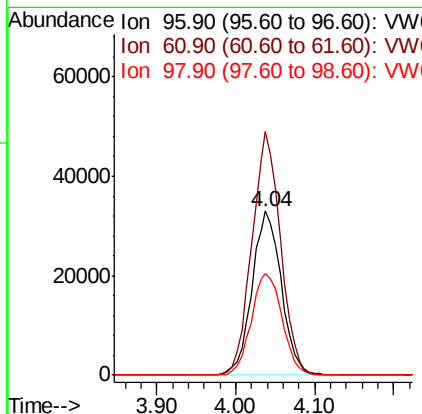
apatel
9/5/2018 10:02:19 AM

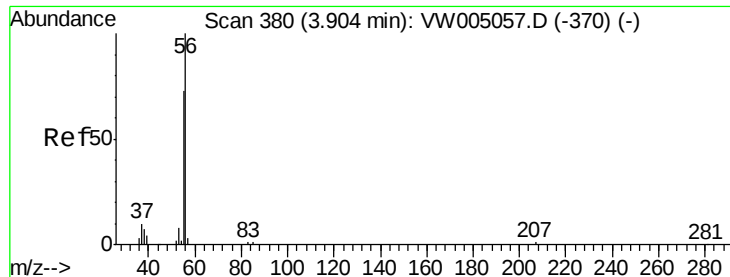


#12

1,1-Dichloroethene
Concen: 20.93 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	148.7			117.4	176.0	
98	61.8			51.0	76.4	





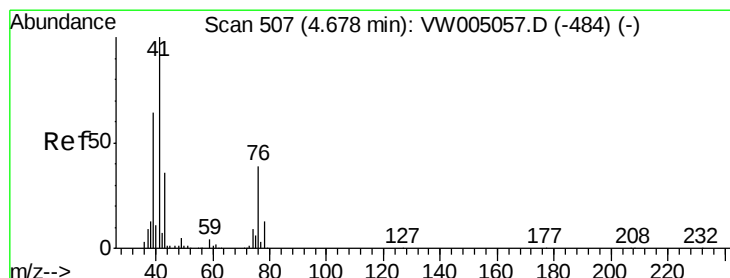
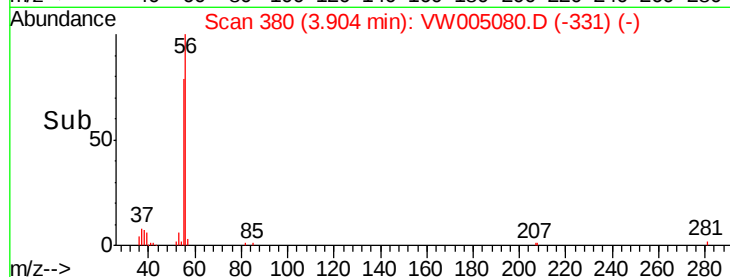
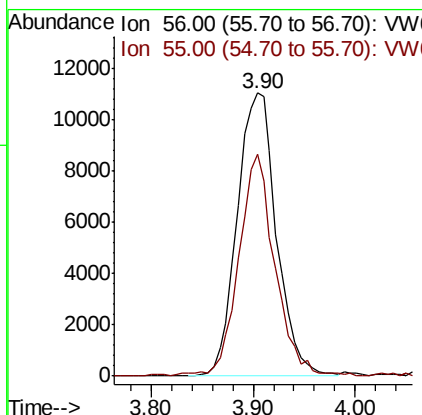
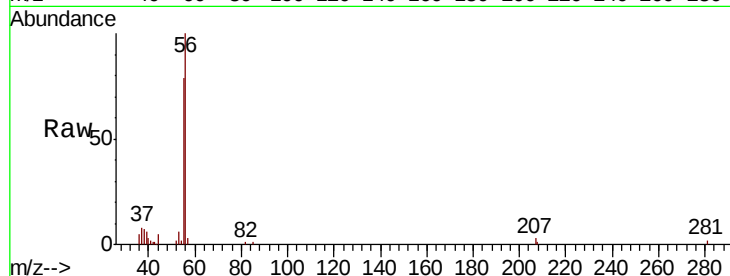
#13
Acrolein
Concen: 109.54 ug/l
RT: 3.90 min Scan# 380
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	56	Resp	29503
Ion Ratio	Lower	Upper	
56	100		
55	72.6	58.1	87.1

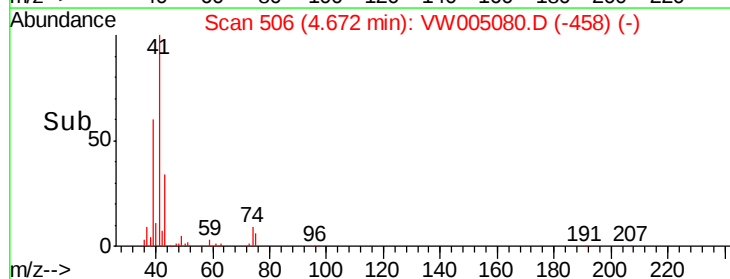
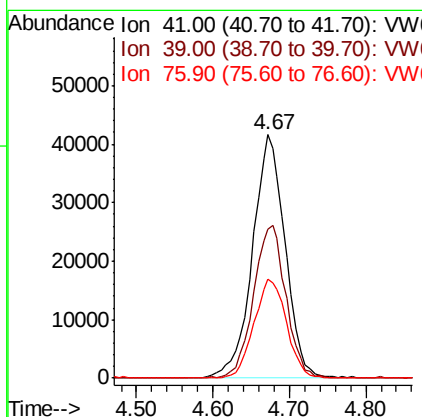
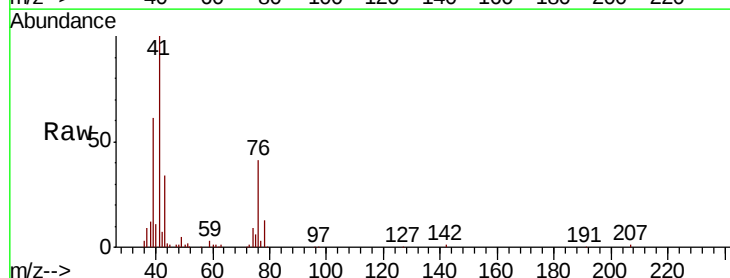
Manual Integrations
APPROVED

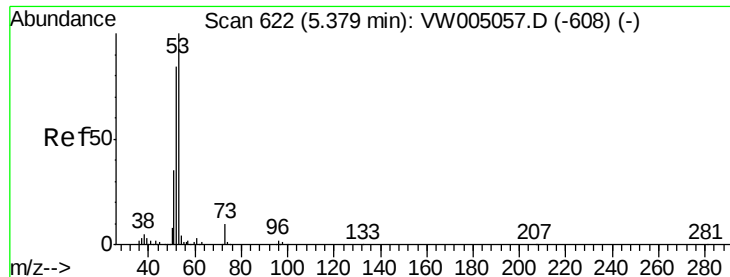
apatel
9/5/2018 10:02:19 AM



#14
Allyl chloride
Concen: 19.53 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	41	Resp	123582
Ion Ratio	Lower	Upper	
41	100		
39	62.3	49.4	74.2
76	40.6	31.8	47.6





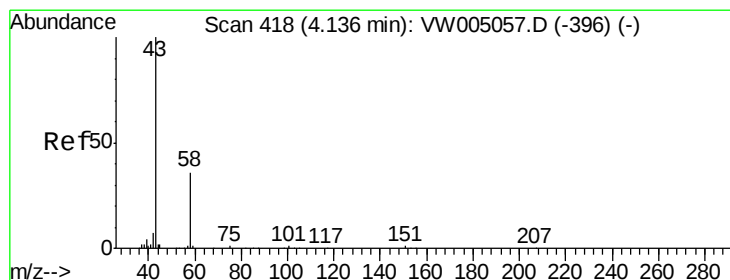
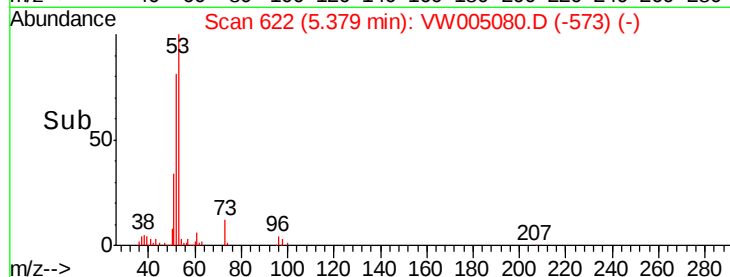
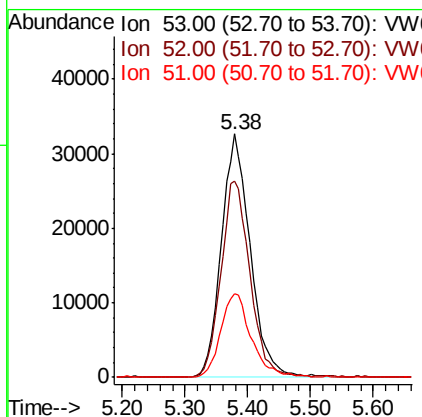
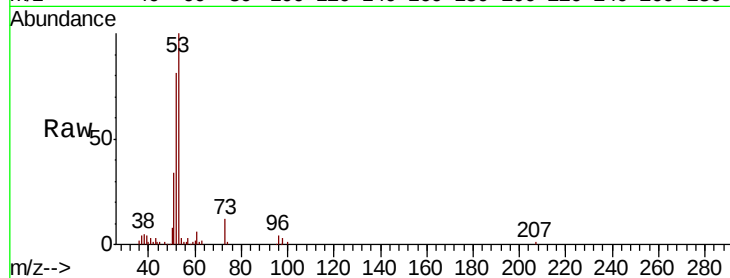
#15
 Acrylonitrile
 Concen: 106.48 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion:	53	Resp:	104061
Ion Ratio	Lower	Upper	
53	100		
52	80.4	65.7	98.5
51	36.3	28.8	43.2

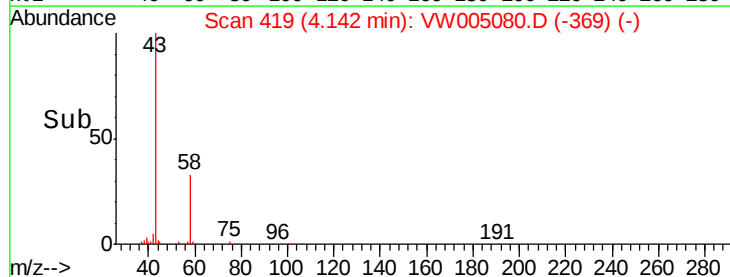
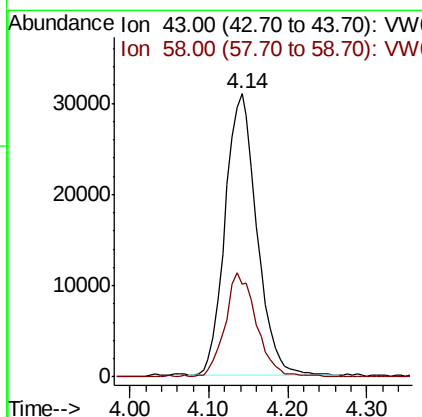
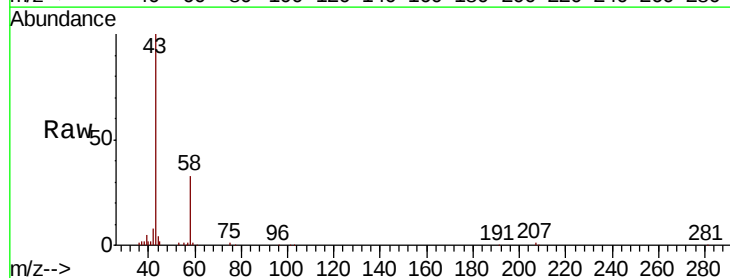
Manual Integrations
 APPROVED

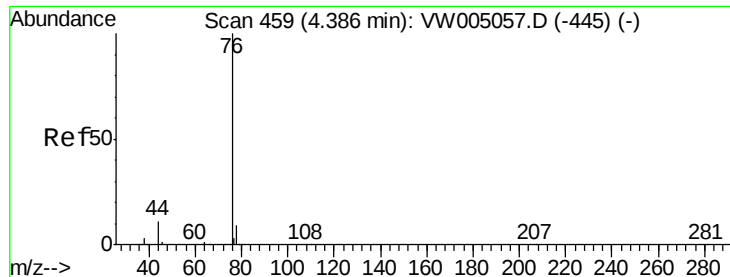
apatel
 9/5/2018 10:02:19 AM



#16
 Acetone
 Concen: 103.77 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion:	43	Resp:	86360
Ion Ratio	Lower	Upper	
43	100		
58	32.6	29.0	43.6





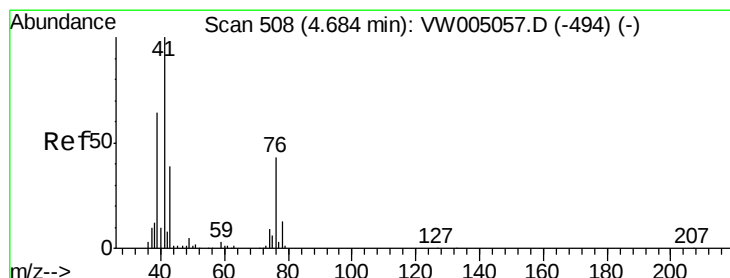
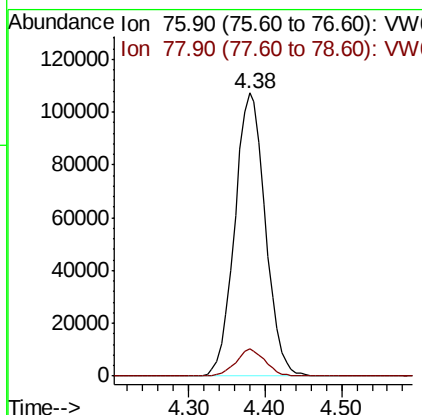
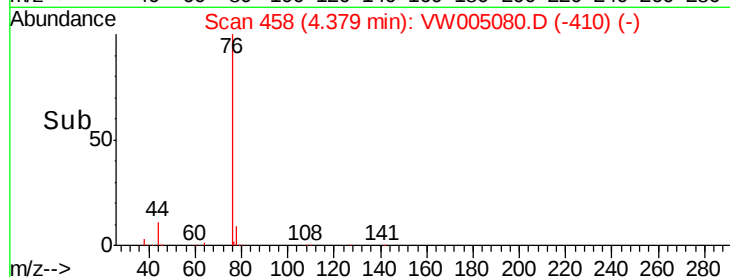
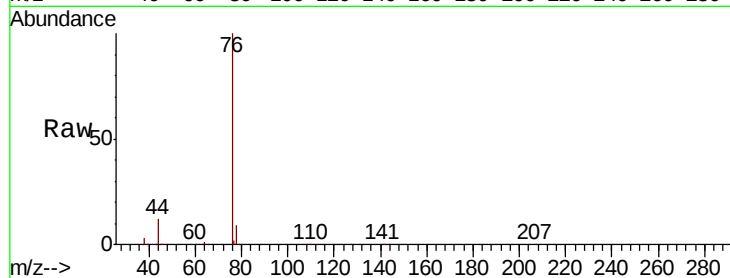
#17
Carbon Disulfide
Concen: 21.04 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

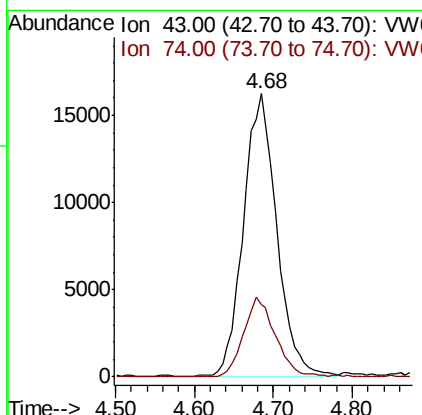
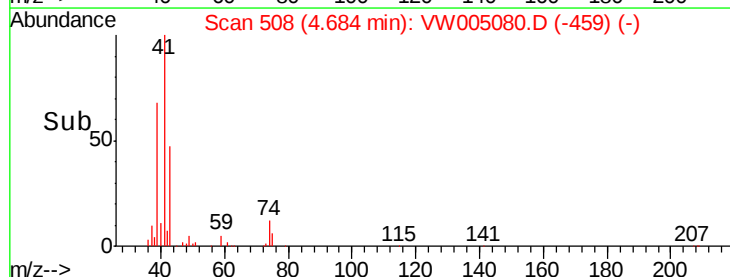
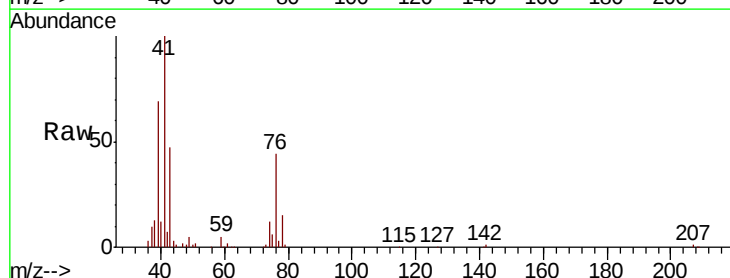
Manual Integrations
APPROVED

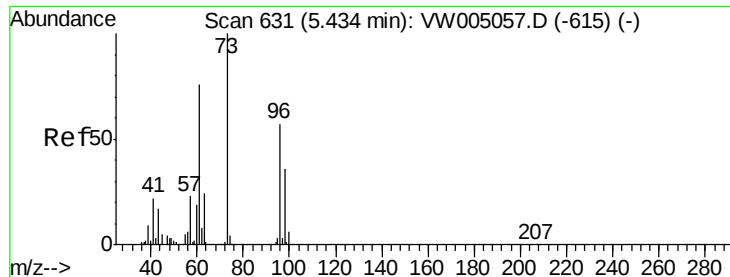
apatel
9/5/2018 10:02:19 AM



#18
Methyl Acetate
Concen: 19.55 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.7	31.1





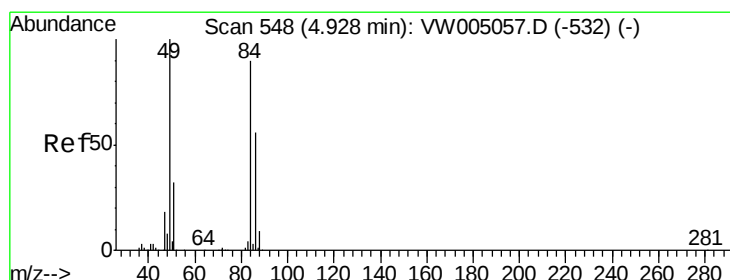
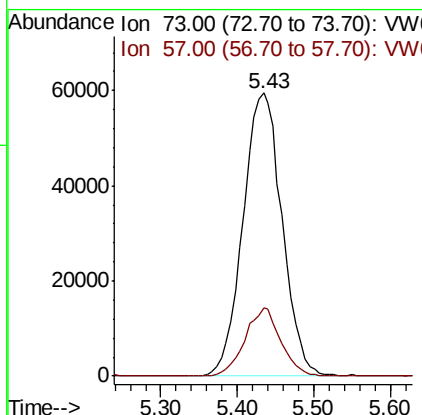
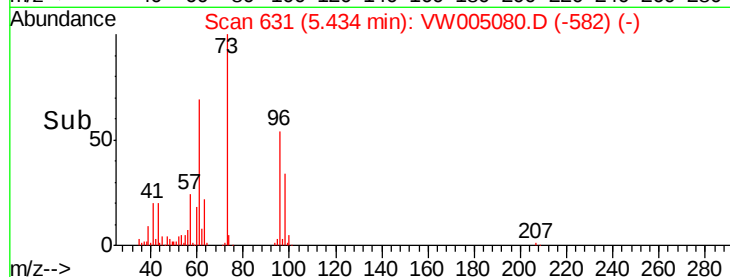
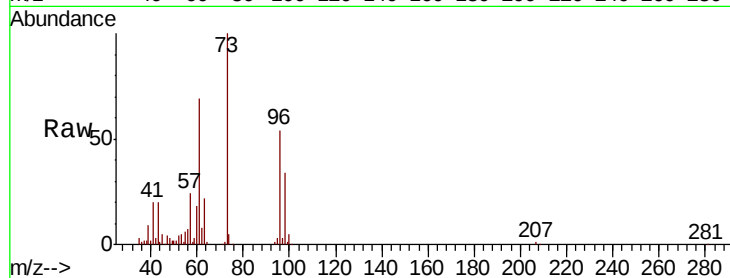
#19
Methvl tert-butvl Ether
Concen: 21.48 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.1	27.1

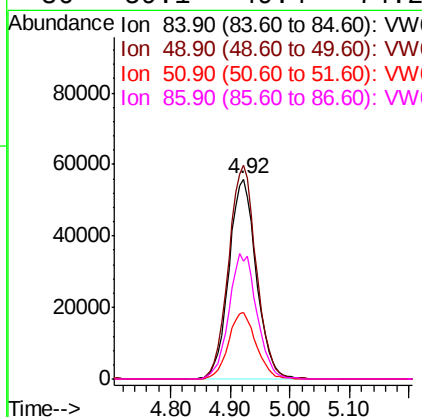
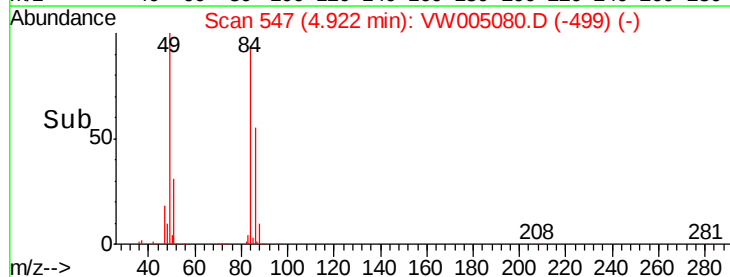
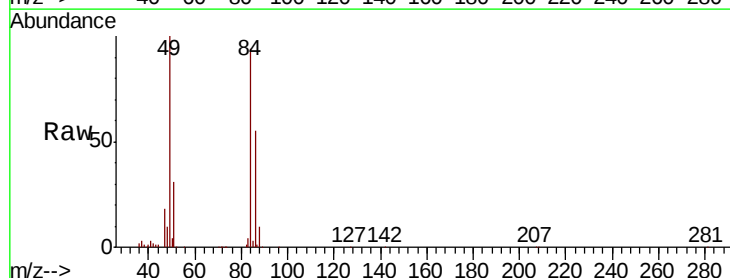
Manual Integrations
APPROVED

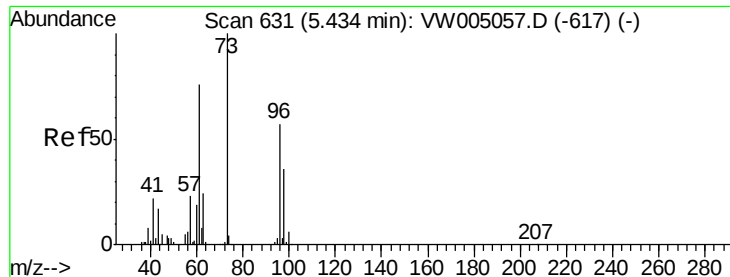
apatel
9/5/2018 10:02:19 AM



#20
Methylene Chloride
Concen: 30.22 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.7	133.1
51	33.2	28.6	42.8
86	59.1	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 20.32 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

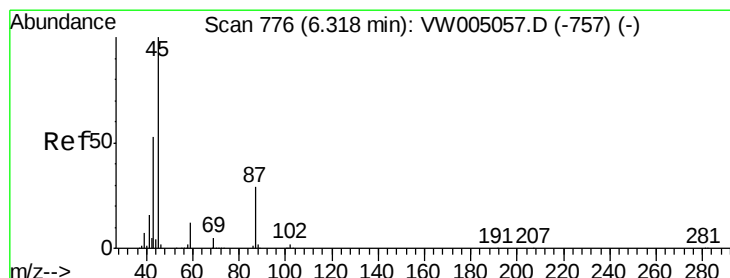
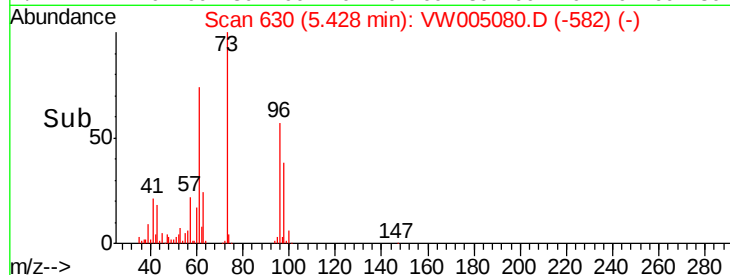
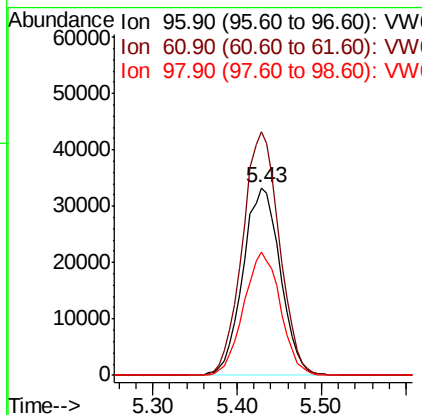
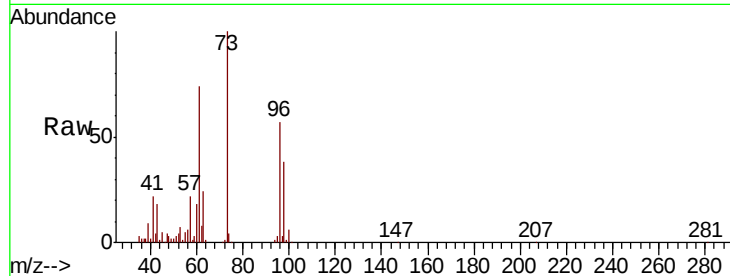
ClientSampleId :

VW0904SBSD01

Tot Ion:	96	Resp:	100232
Ion Ratio	Lower	Upper	
96	100		
61	130.0	106.3	159.5
98	65.9	50.9	76.3

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#22

Diisopropyl ether

Concen: 19.80 ug/l

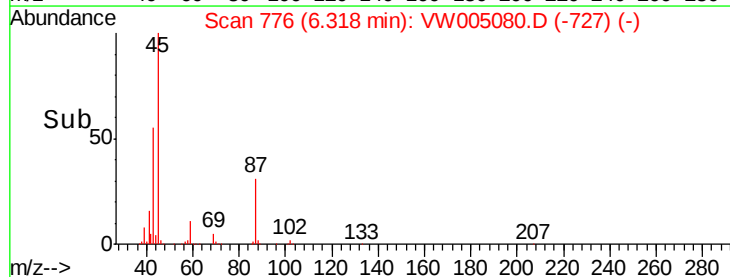
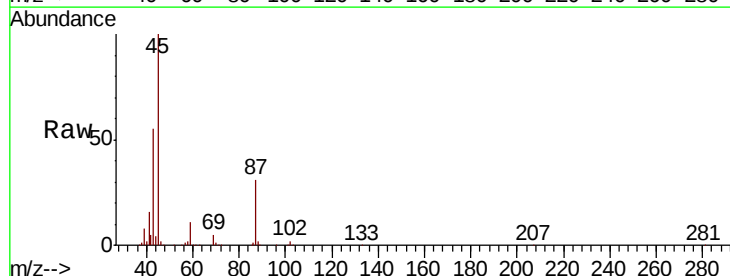
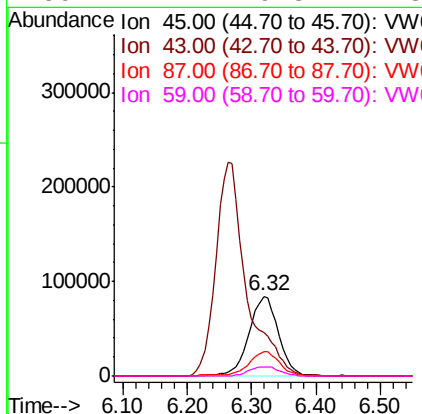
RT: 6.32 min Scan# 776

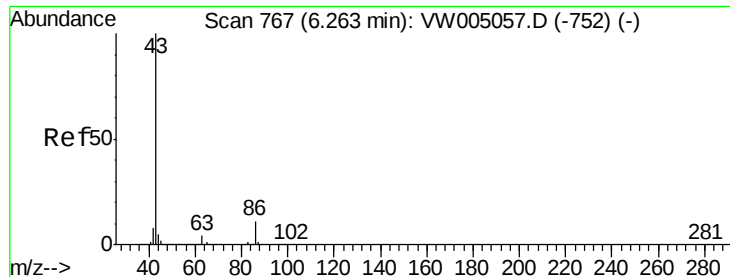
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	45	Resp:	263683
Ion Ratio	Lower	Upper	
45	100		
43	54.3	42.6	63.8
87	30.4	23.6	35.4
59	11.1	9.8	14.8





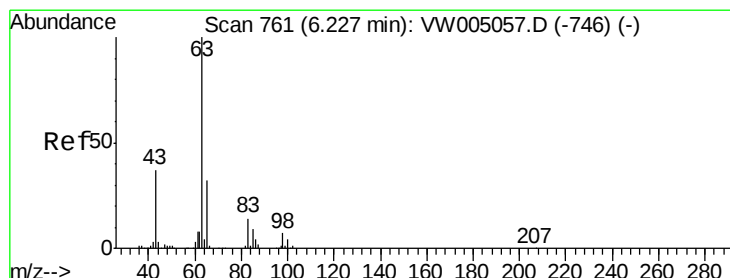
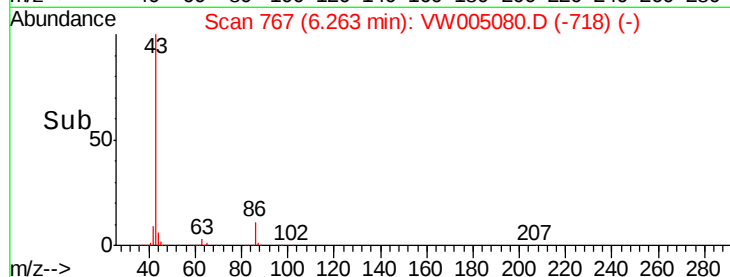
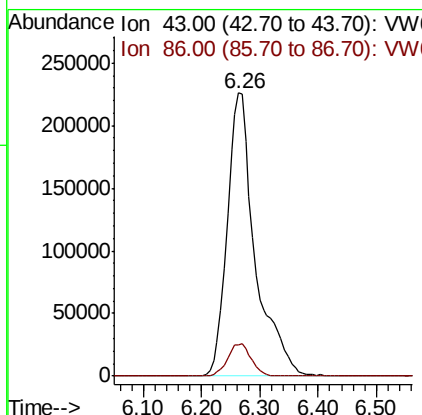
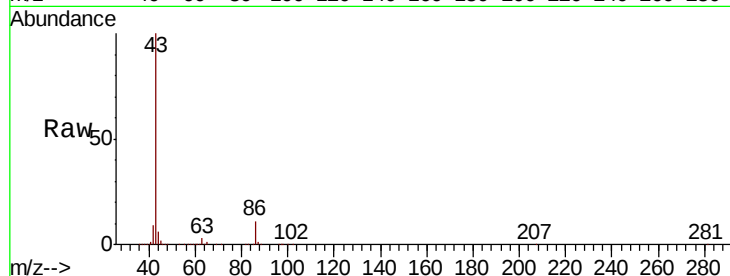
#23
 Vinyl Acetate
 Concen: 107.79 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
86	11.1	9.0	13.4	

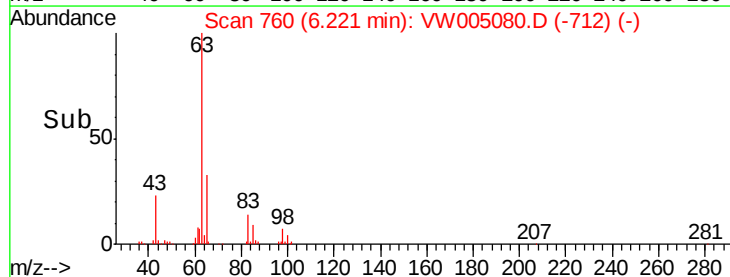
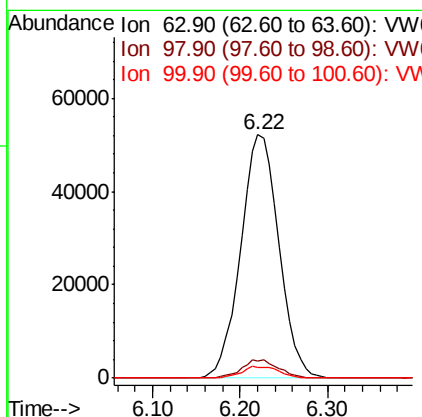
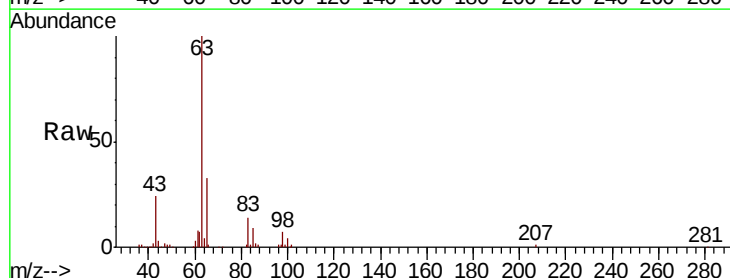
Manual Integrations
 APPROVED

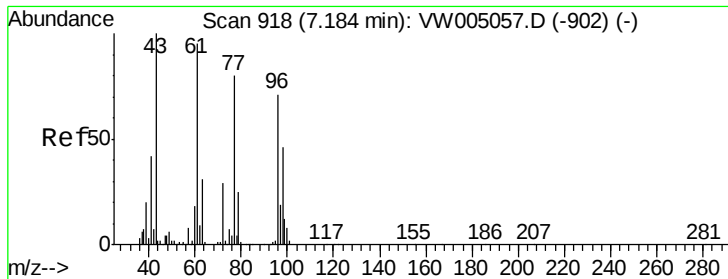
apatel
 9/5/2018 10:02:19 AM



#24
 1,1-Dichloroethane
 Concen: 18.99 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.2	3.6	10.8	
100	4.5	2.2	6.6	





#25

2-Butanone

Concen: 102.18 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 43 Resp: 147488

Ion Ratio Lower Upper

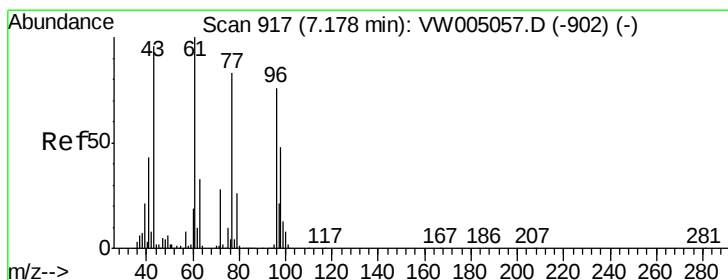
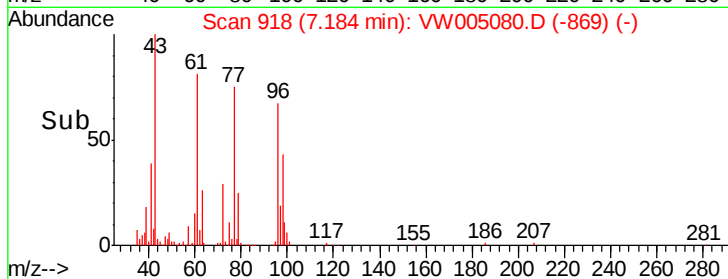
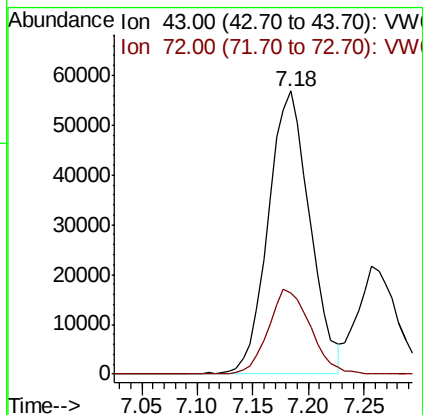
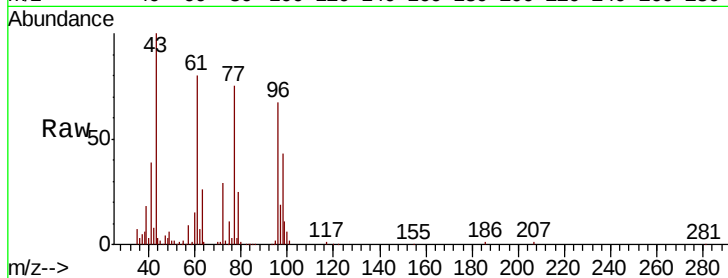
43 100

72 28.9 23.1 34.7

Manual Integrations
APPROVED

apatel

9/5/2018 10:02:19 AM



#26

2,2-Dichloropropane

Concen: 20.80 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005080.D

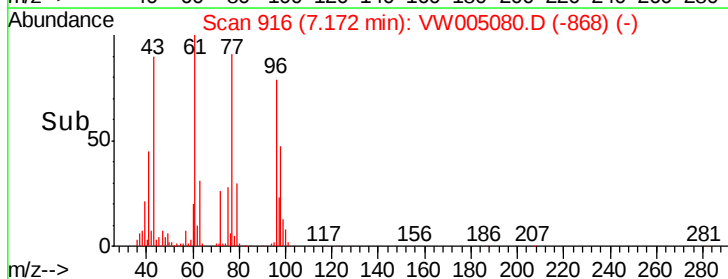
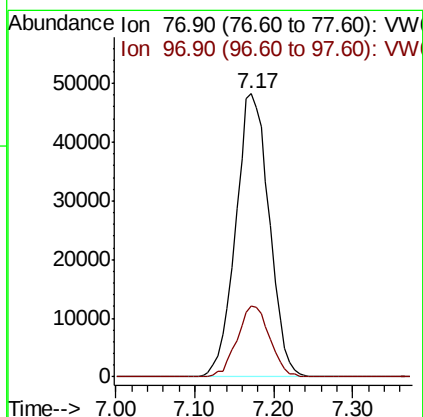
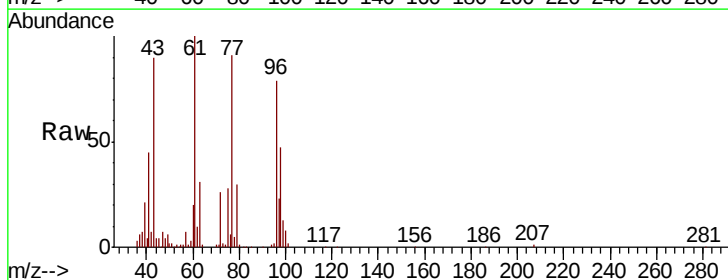
Acq: 04 Sep 2018 15:33

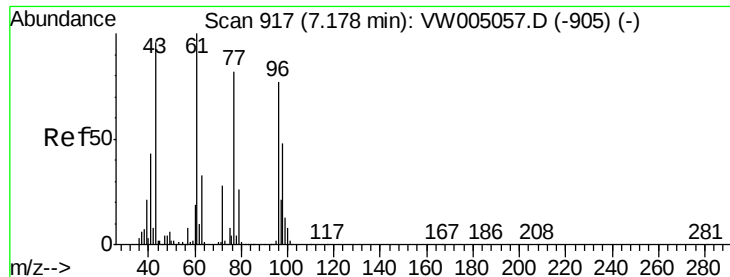
Tgt Ion: 77 Resp: 142278

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6





#27

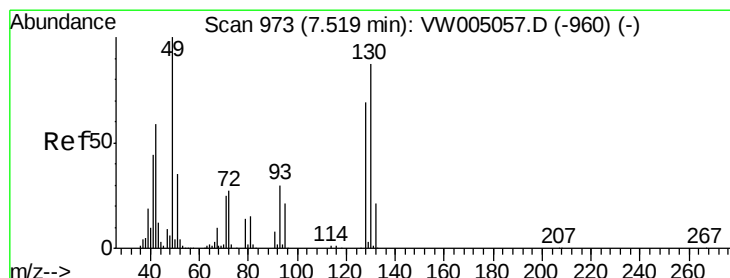
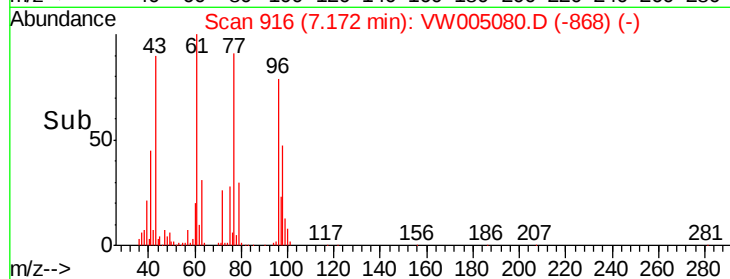
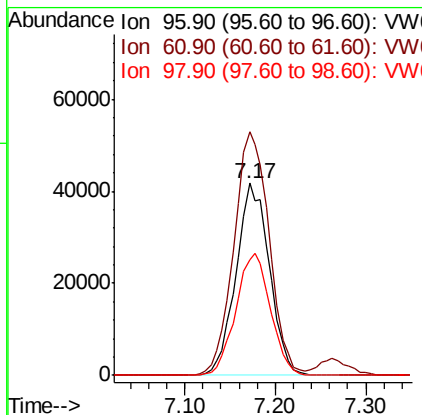
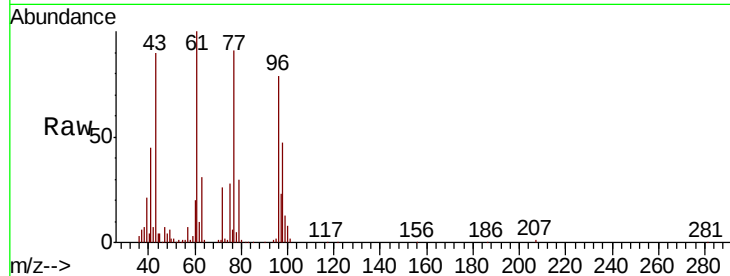
cis-1,2-Dichloroethene
 Concen: 19.78 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.6	0.0	273.2	
98	65.2	0.0	127.8	

Manual Integrations
 APPROVED

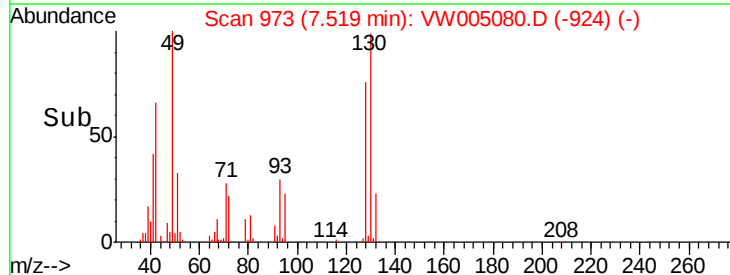
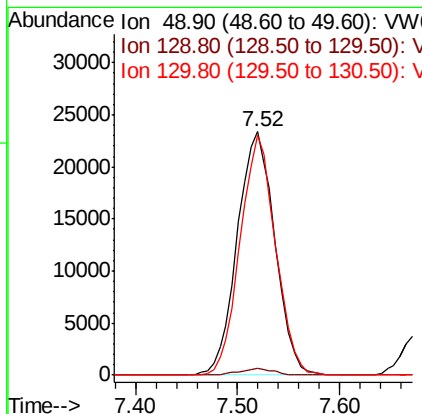
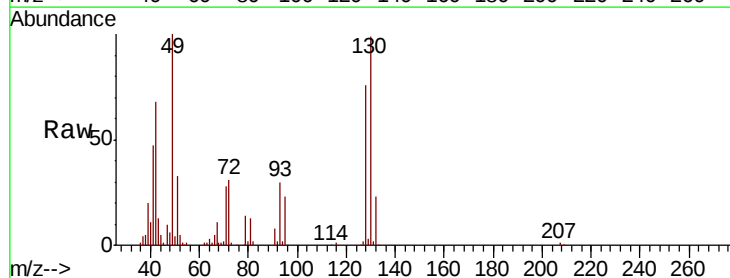
apatel
 9/5/2018 10:02:19 AM

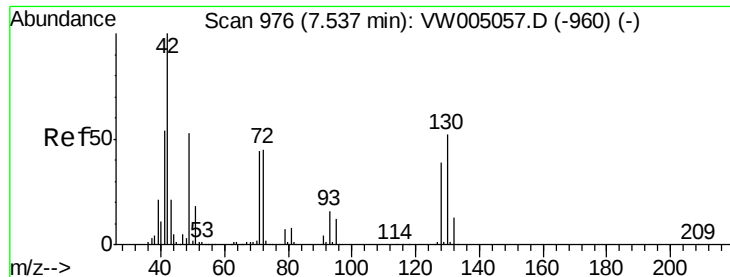


#28

Bromochloromethane
 Concen: 17.81 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.4	
130	92.8	69.6	104.4	





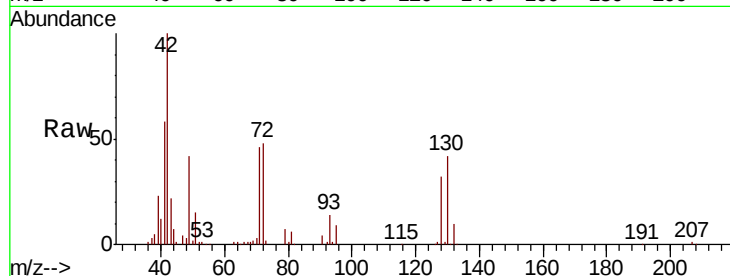
#29
Tetrahydrofuran
Concen: 104.65 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.0	55.4
71	44.8	35.0	52.6

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM

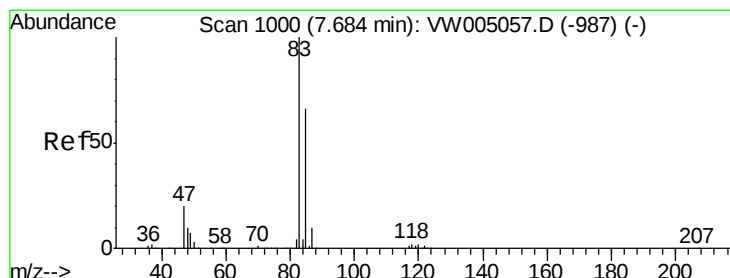
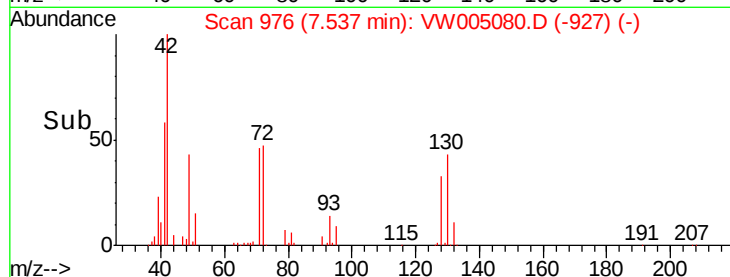
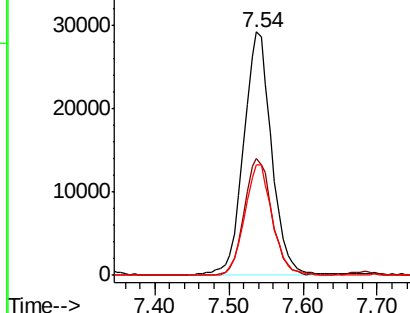


Abundance

Ion 42.00 (41.70 to 42.70): VW

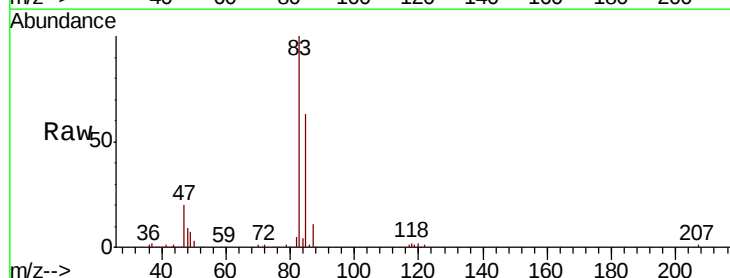
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 19.60 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

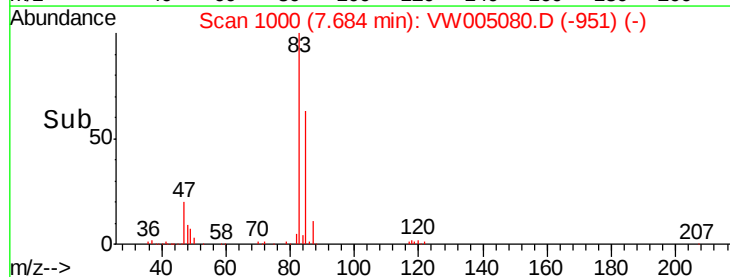
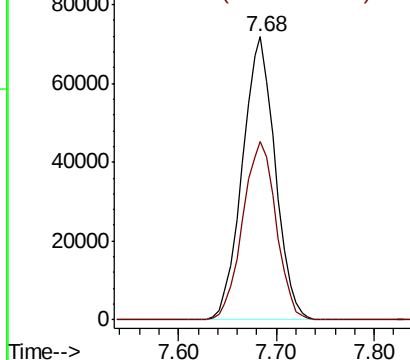
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.1	79.7

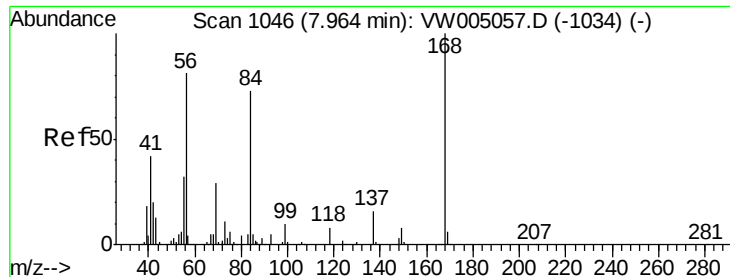


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.57 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

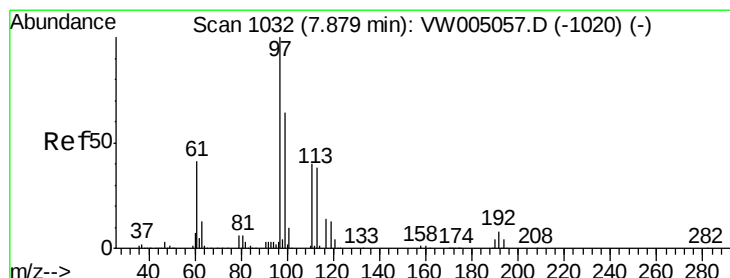
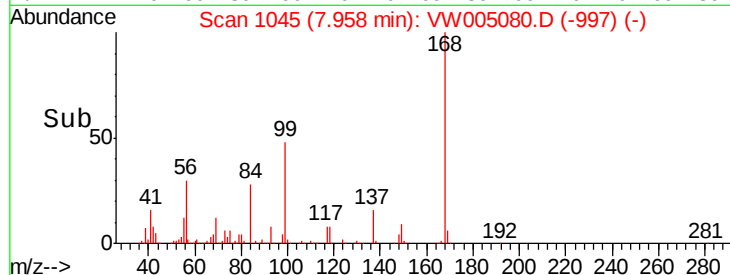
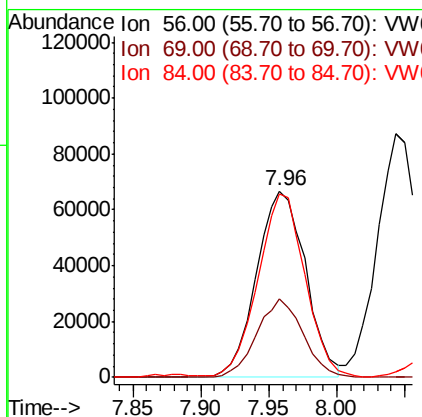
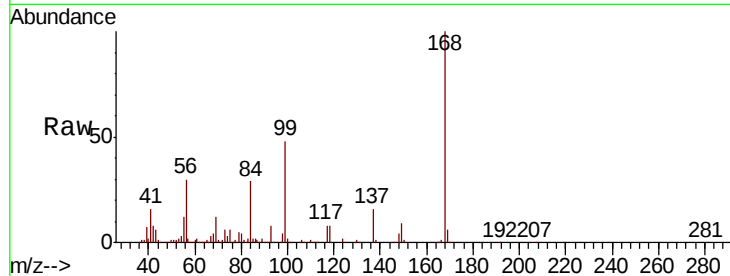
ClientSampled :

VW0904SBSD01

Tot Ion:	56	Resp:	167624
Ion Ratio	Lower	Upper	
56	100		
69	41.8	28.2	42.2
84	97.8	71.8	107.8

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#32

1,1,1-Trichloroethane

Concen: 20.31 ug/l

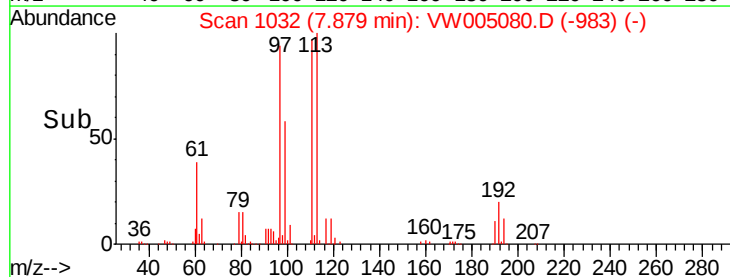
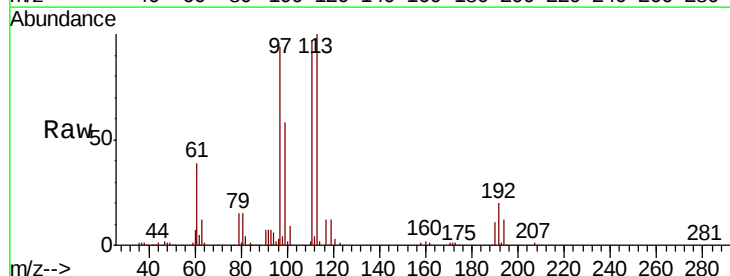
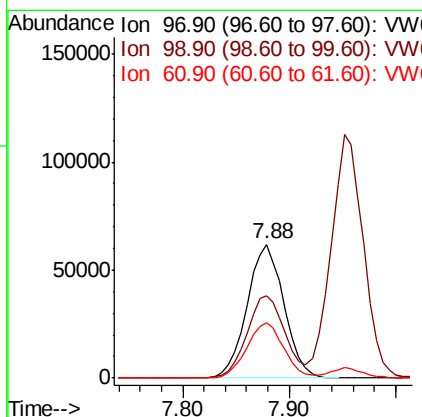
RT: 7.88 min Scan# 1032

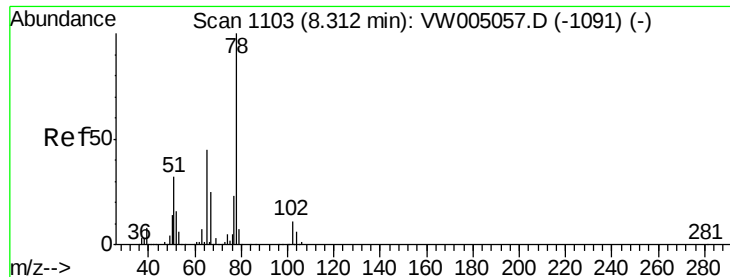
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	97	Resp:	150275
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.8	77.8
61	41.5	33.2	49.8





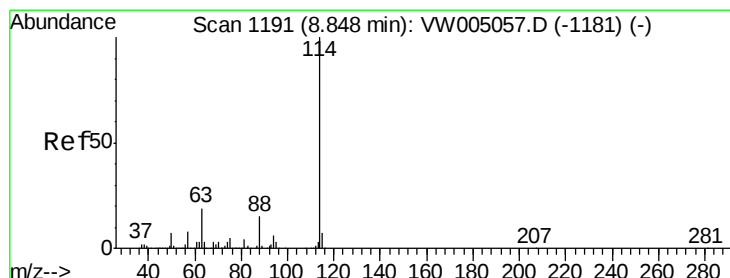
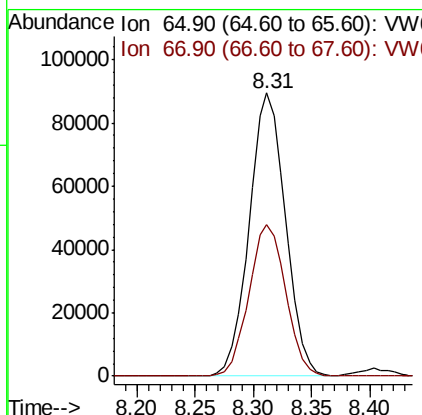
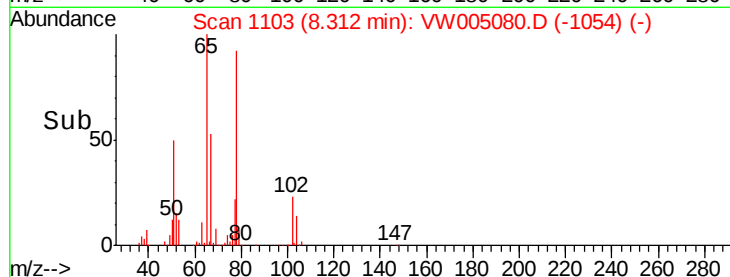
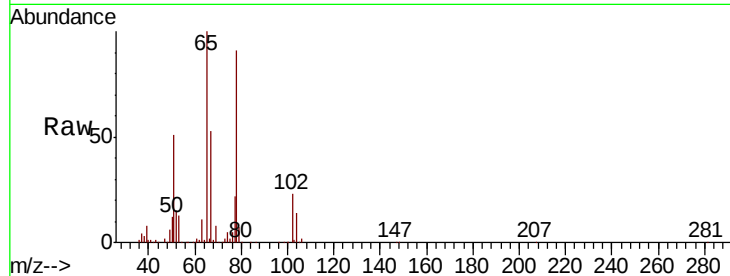
#33
 1,2-Dichloroethane-d4
 Concen: 46.84 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.4	0.0	109.4	

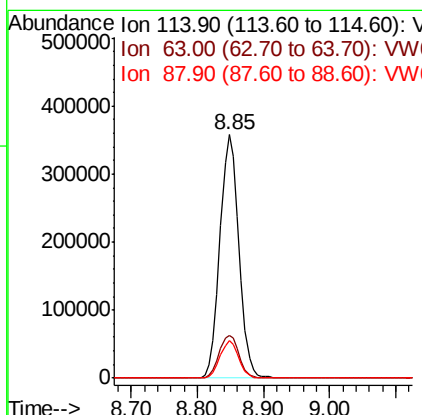
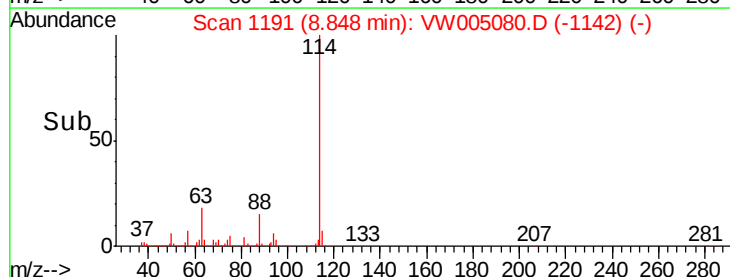
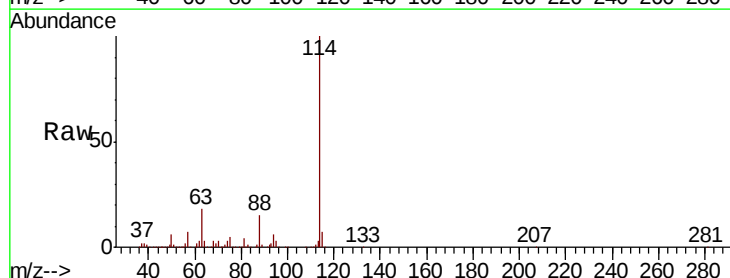
Manual Integrations
 APPROVED

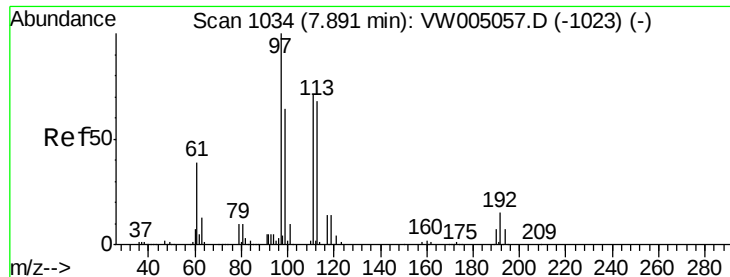
apatel
 9/5/2018 10:02:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	38.0	
88	15.4	0.0	30.2	





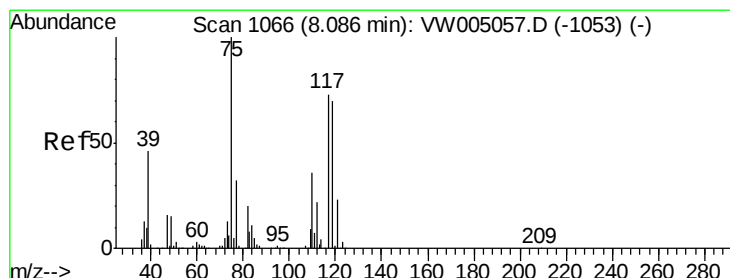
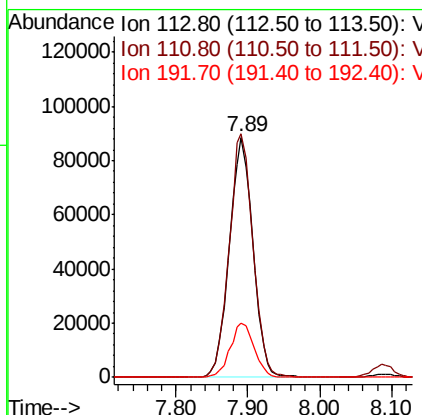
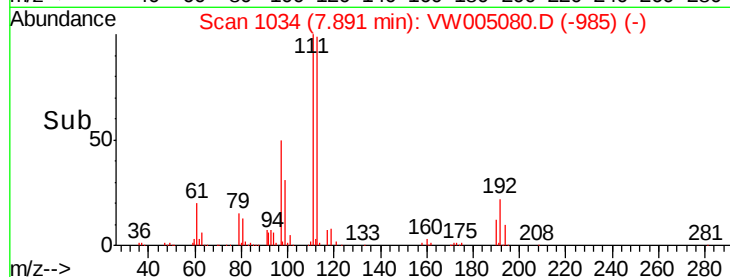
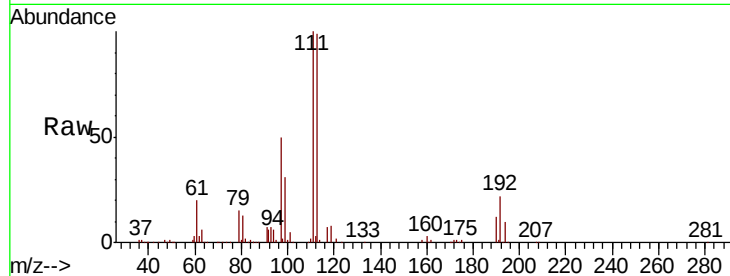
#35
 Dibromofluoromethane
 Concen: 49.21 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201572		
111	102.4		82.2	123.2
192	22.9		18.1	27.1

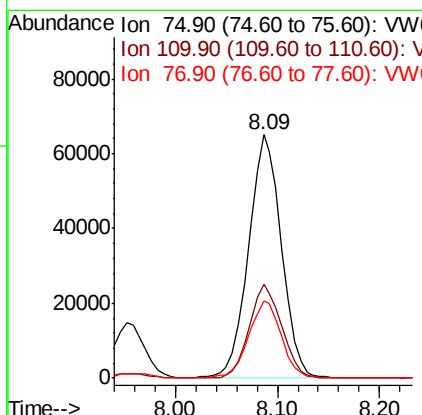
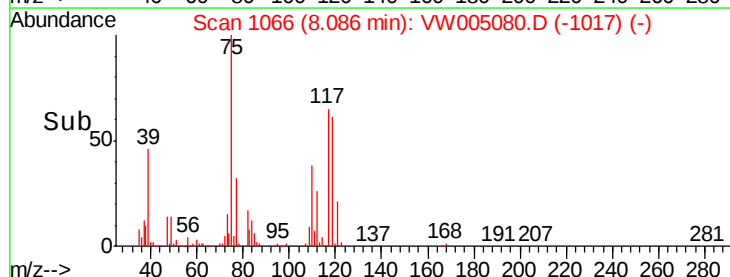
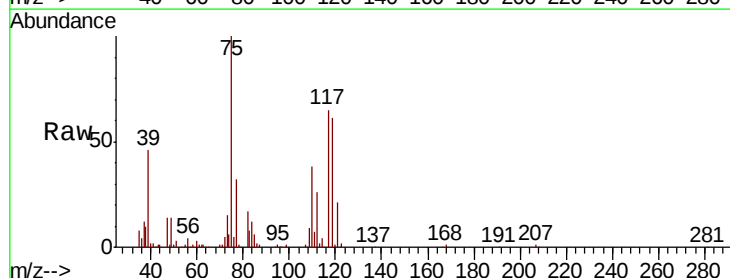
Manual Integrations
 APPROVED

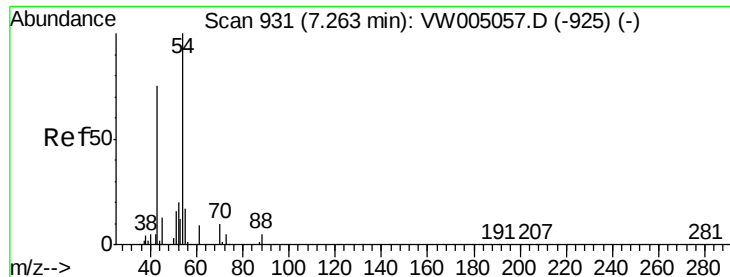
apatel
 9/5/2018 10:02:19 AM



#36
 1,1-Dichloropropene
 Concen: 21.48 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145021		
110	38.0		18.9	56.7
77	31.9		25.5	38.3





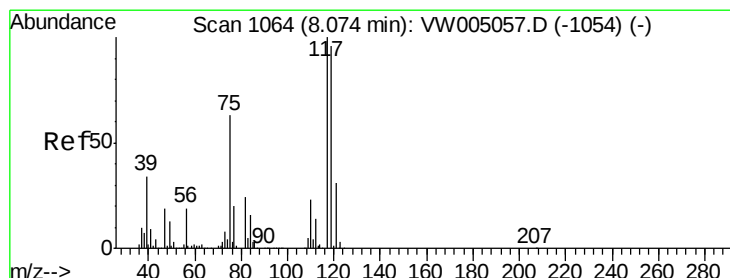
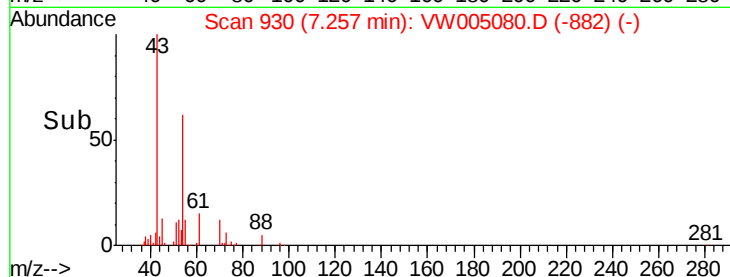
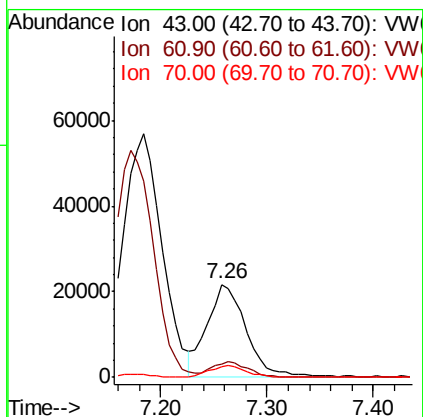
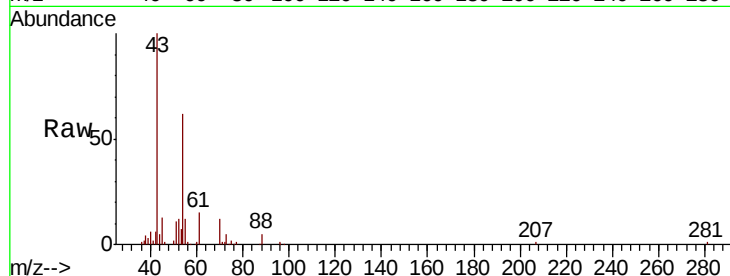
#37
Ethyl Acetate
Concen: 21.52 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	12.5	9.4	14.2

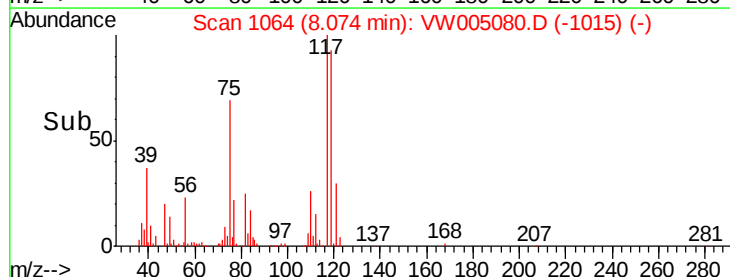
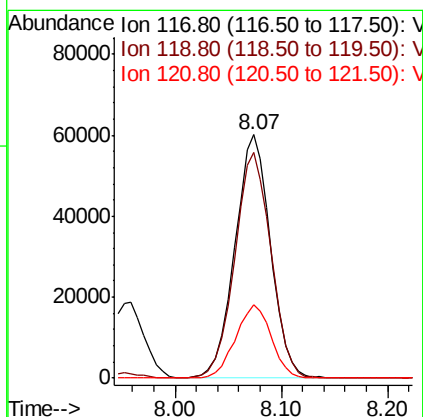
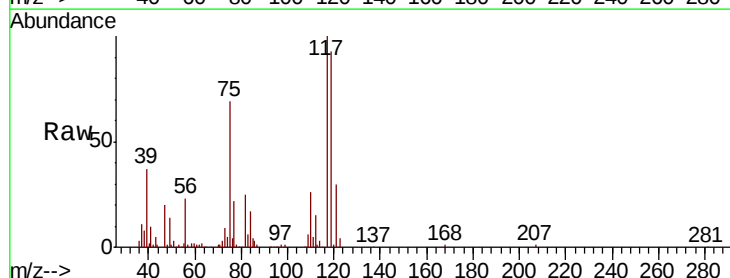
Manual Integrations
APPROVED

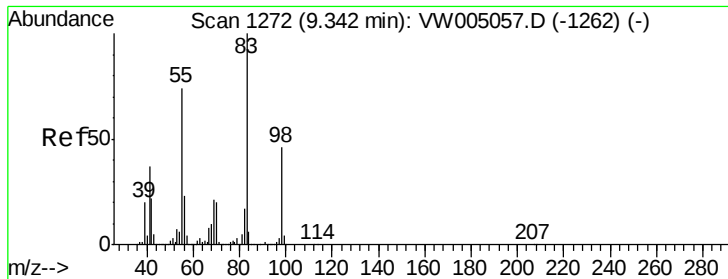
apatel
9/5/2018 10:02:19 AM



#38
Carbon Tetrachloride
Concen: 21.92 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.6	115.0
121	30.1	24.8	37.2





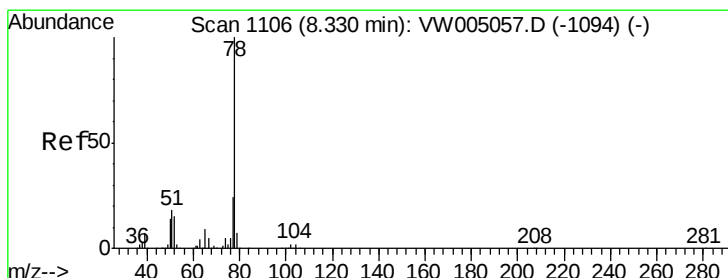
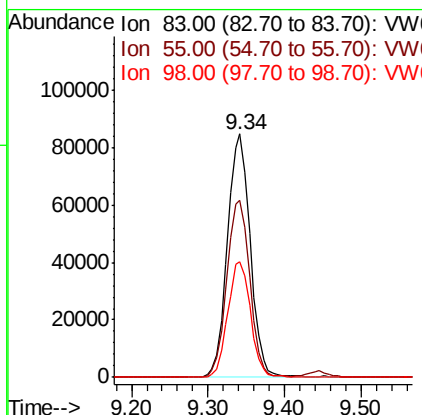
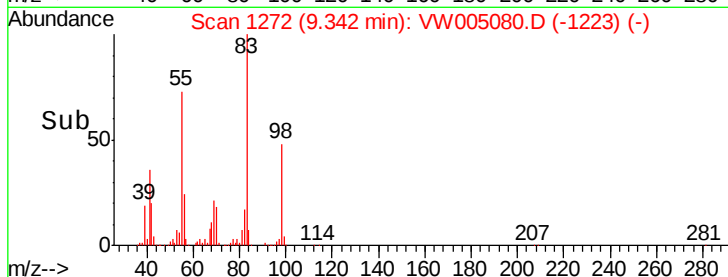
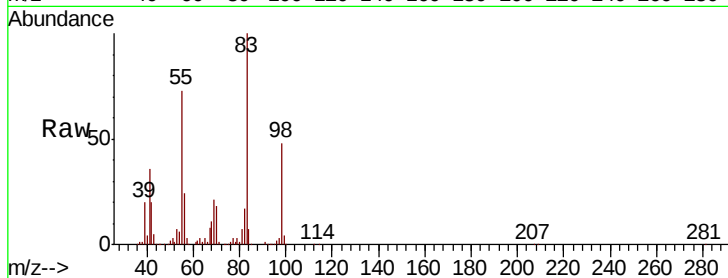
#39
Methvlcvclohexane
Concen: 21.50 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	175531		
55	72.9		58.9	88.3
98	47.6		36.8	55.2

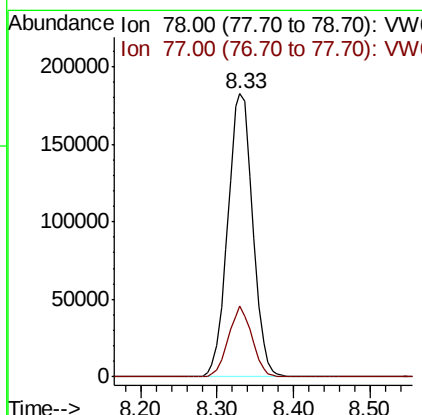
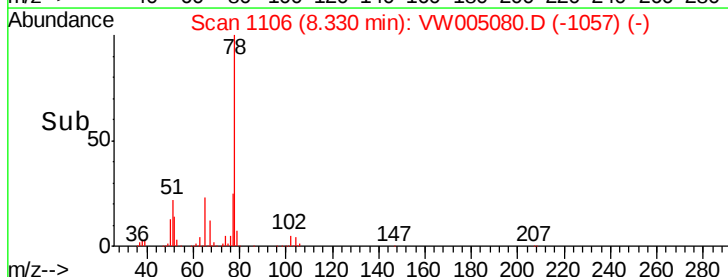
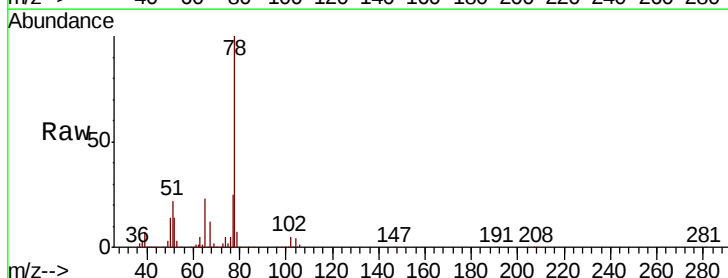
Manual Integrations
APPROVED

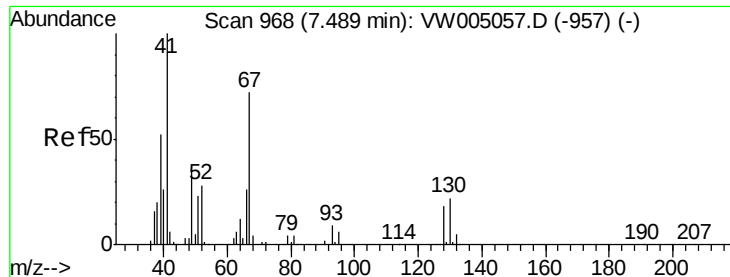
apatel
9/5/2018 10:02:19 AM



#40
Benzene
Concen: 19.91 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	411577		
77	24.9		19.4	29.0





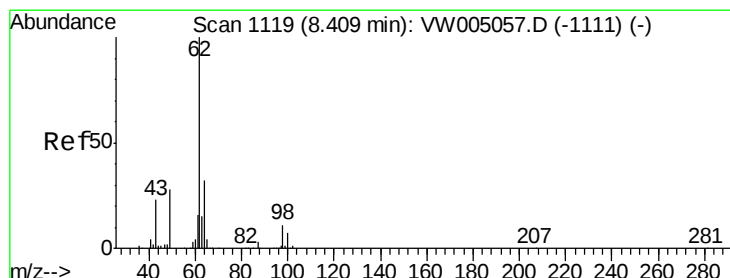
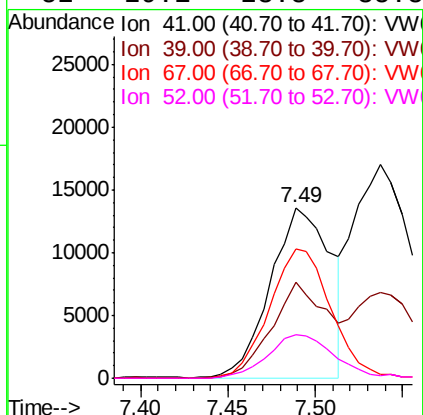
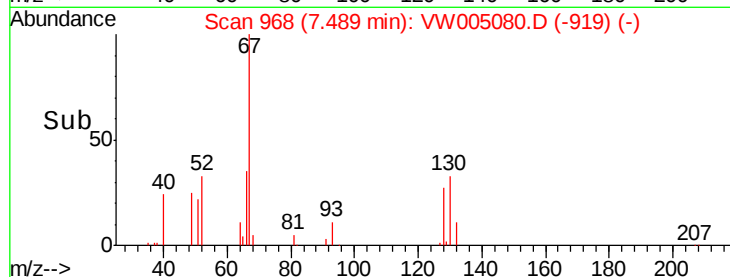
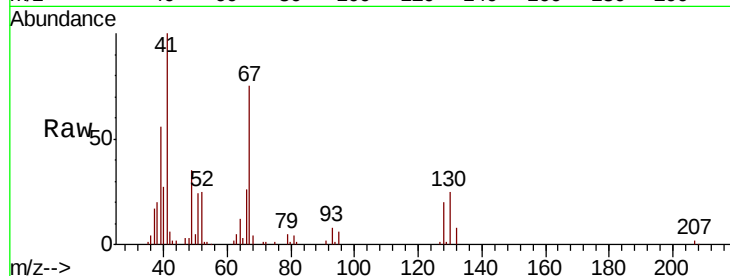
#41
Methacrylonitrile
Concen: 22.41 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
32777	41	100		
	39	51.9	41.8	62.8
	67	77.0	60.4	90.6
	52	29.1	23.8	35.8

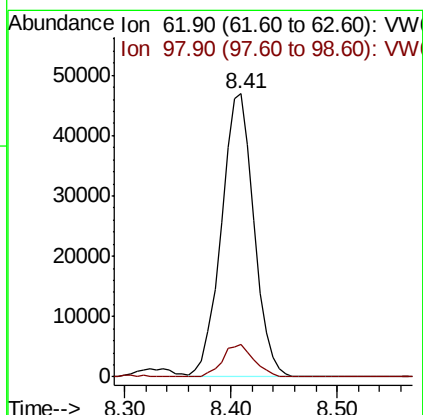
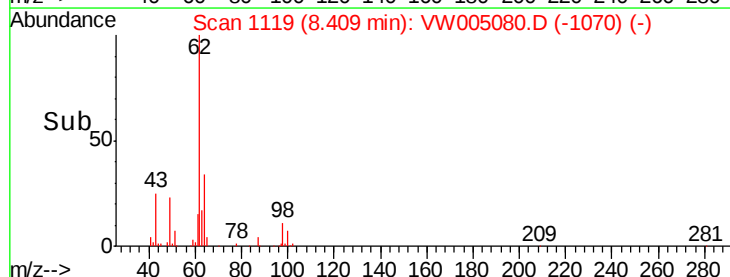
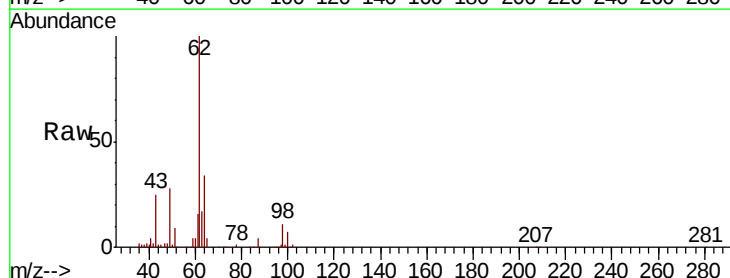
Manual Integrations
APPROVED

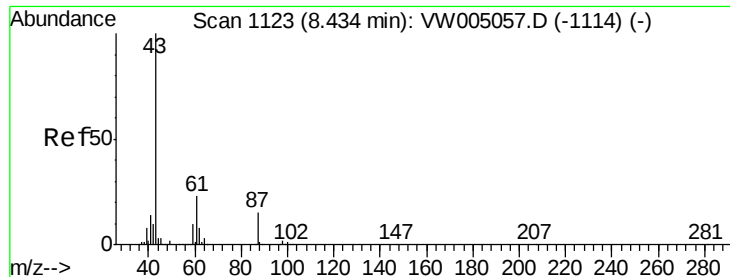
apatel
9/5/2018 10:02:19 AM



#42
1,2-Dichloroethane
Concen: 19.79 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
100115	62	100		
	98	11.1	0.0	21.8





#43

Isopropyl Acetate

Concen: 21.26 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

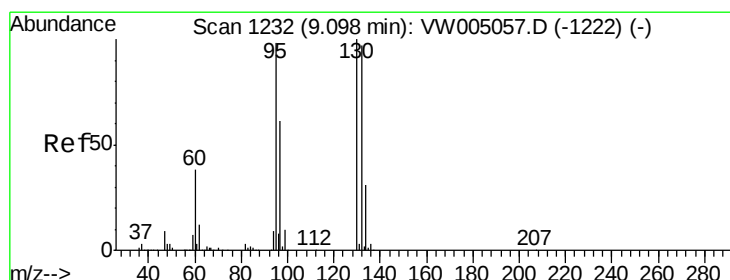
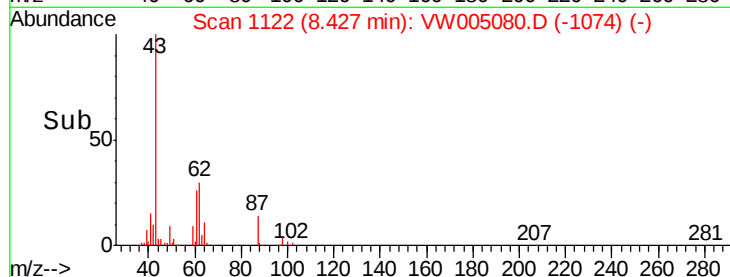
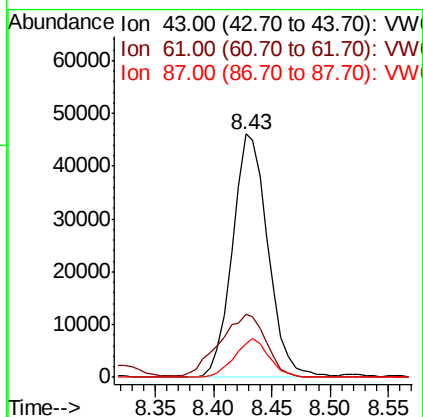
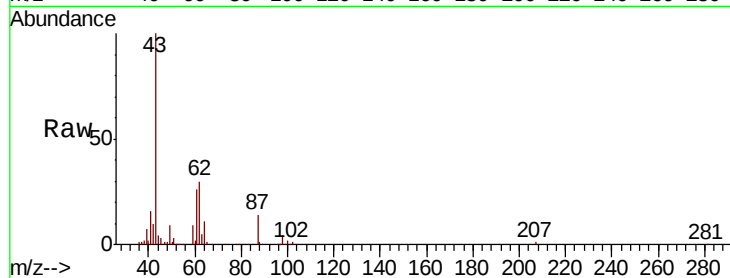
ClientSampleId :

VW0904SBS01

Tot Ion:	43	Resp:	97693
Ion	Ratio	Lower	Upper
43	100		
61	33.5	26.8	40.2
87	15.6	11.6	17.4

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#44

Trichloroethene

Concen: 21.29 ug/l

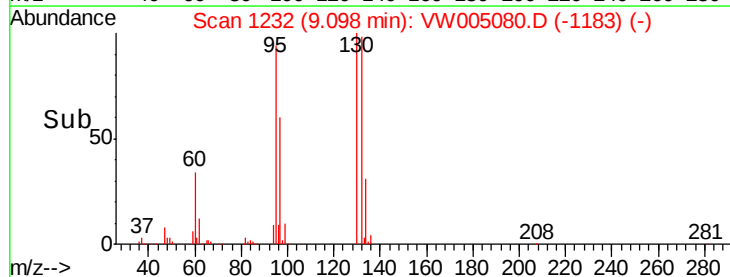
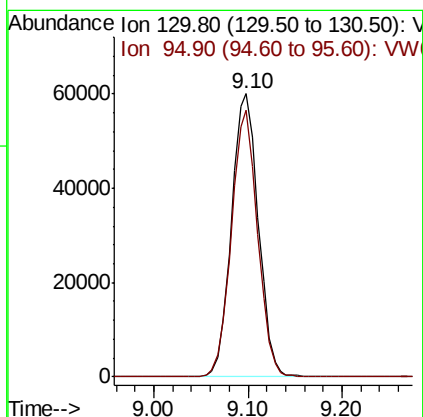
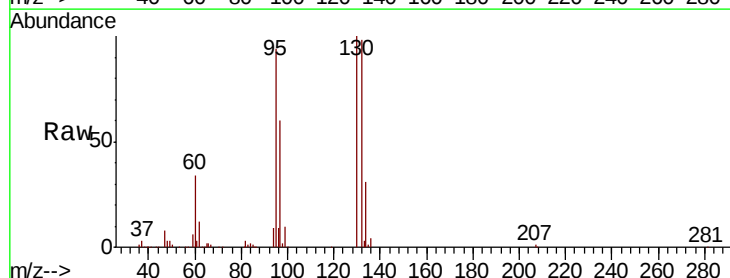
RT: 9.10 min Scan# 1232

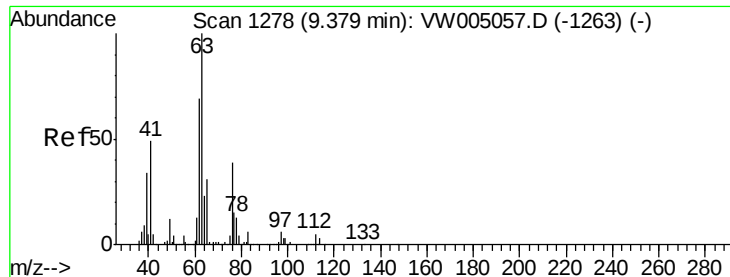
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	130	Resp:	118711
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	195.2





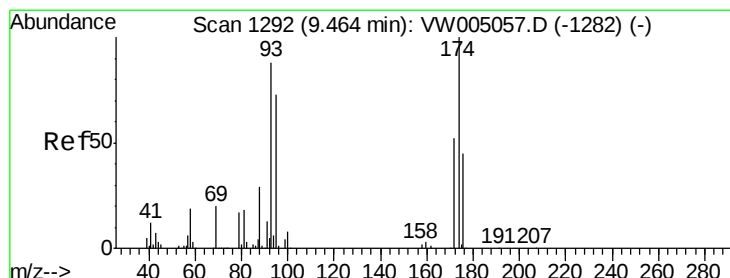
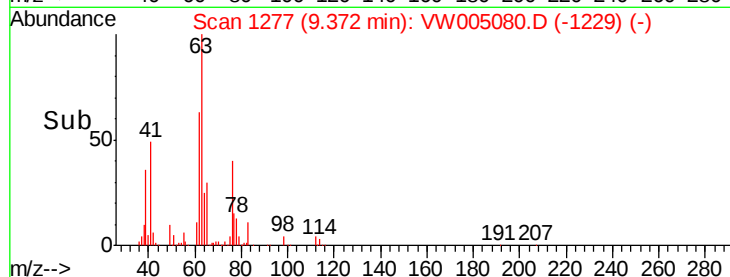
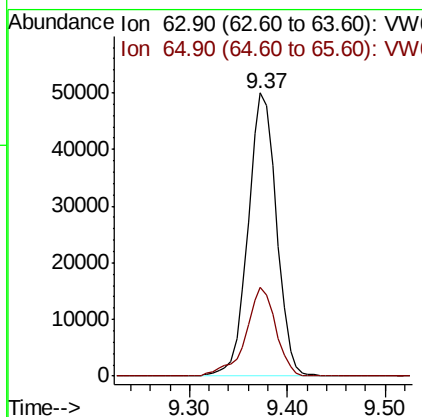
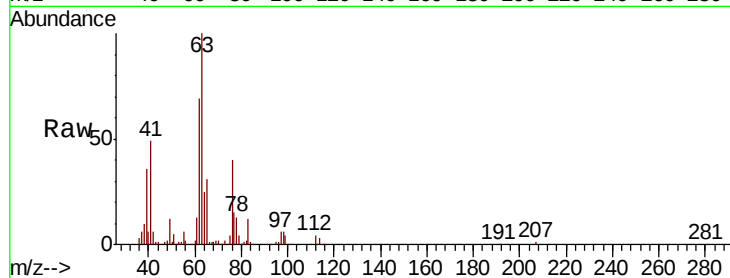
#45
1,2-Dichloropropane
Concen: 19.92 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	37.0

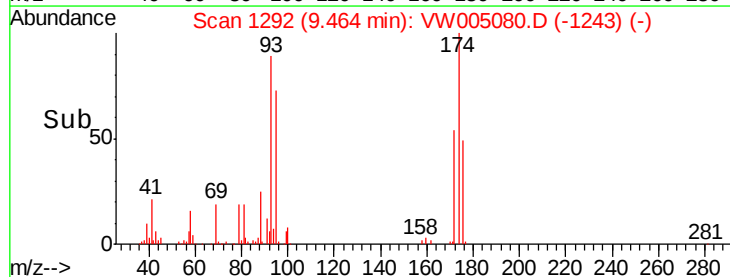
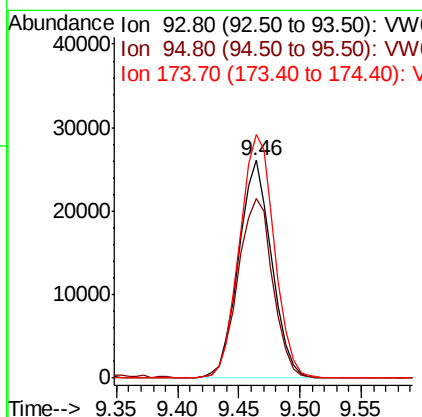
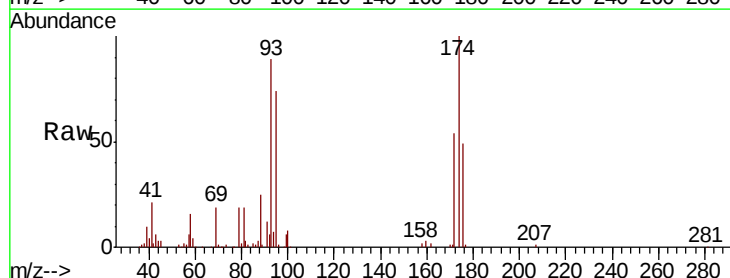
Manual Integrations
APPROVED

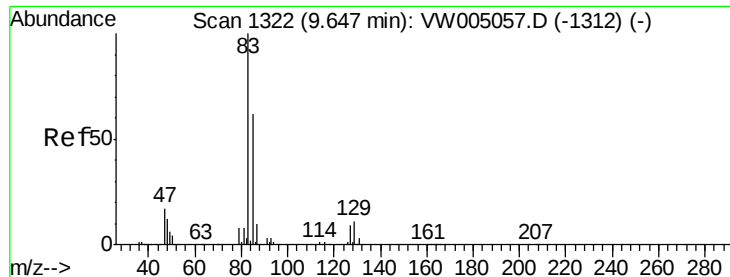
apatel
9/5/2018 10:02:19 AM



#46
Dibromomethane
Concen: 20.23 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	87.0	66.2	99.4
174	117.7	92.0	138.0





#47

Bromodichloromethane

Concen: 20.49 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

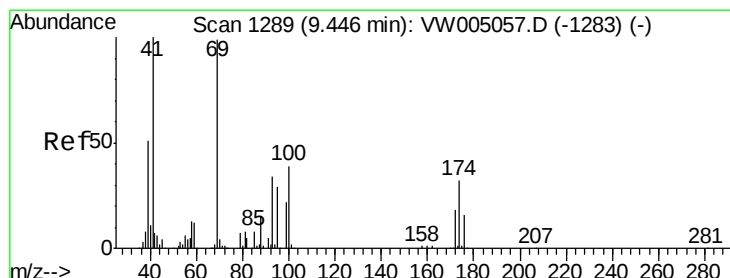
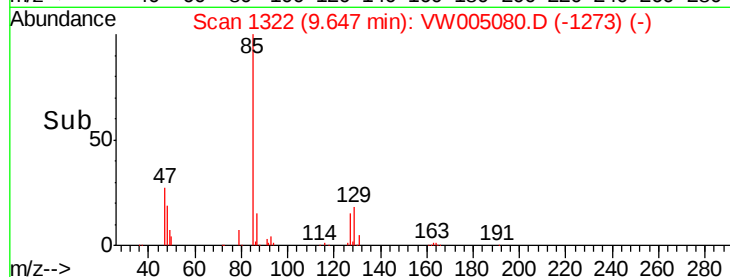
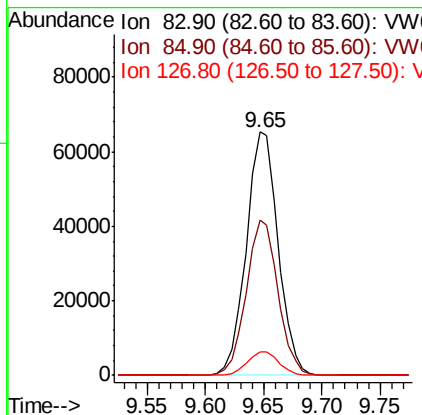
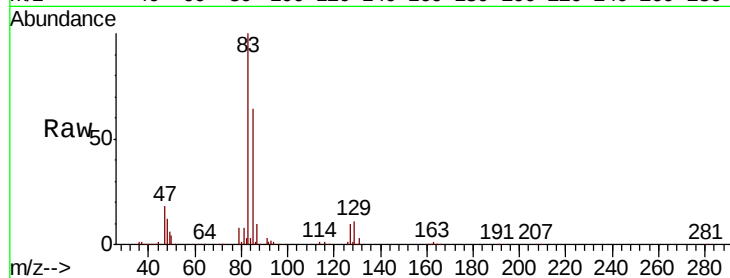
ClientSampleId :

VW0904SBSD01

Tot Ion:	83	Resp:	124591
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.8	74.6
127	9.6	7.0	10.4

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#48

Methyl methacrylate

Concen: 20.24 ug/l

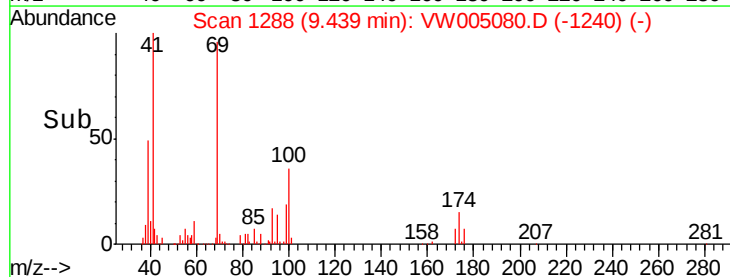
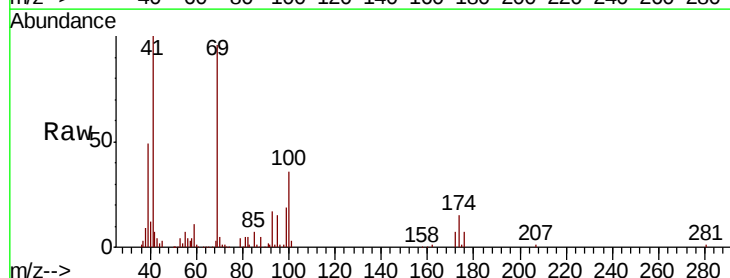
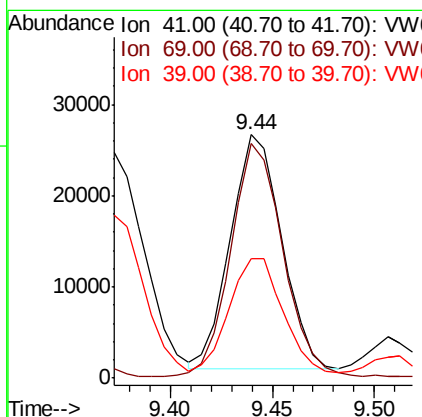
RT: 9.44 min Scan# 1288

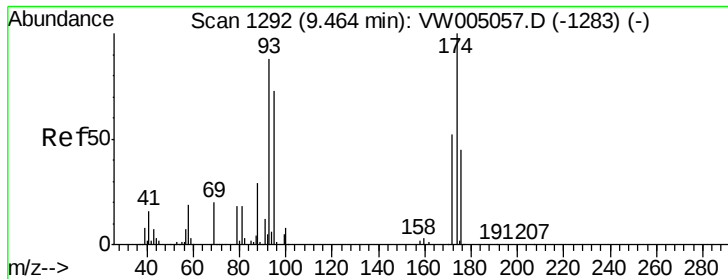
Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	41	Resp:	44773
Ion Ratio	Lower	Upper	
41	100		
69	104.8	80.4	120.6
39	56.1	43.5	65.3





#49

1,4-Dioxane

Concen: 431.49 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

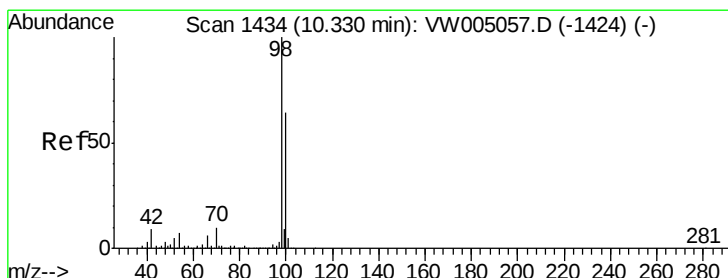
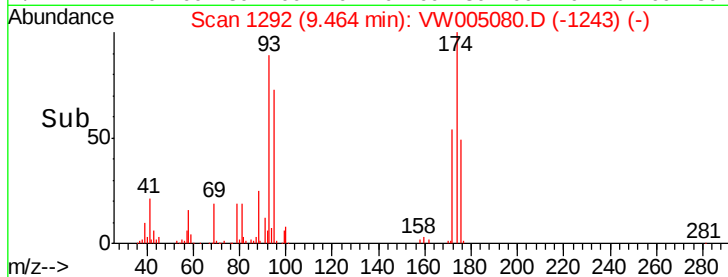
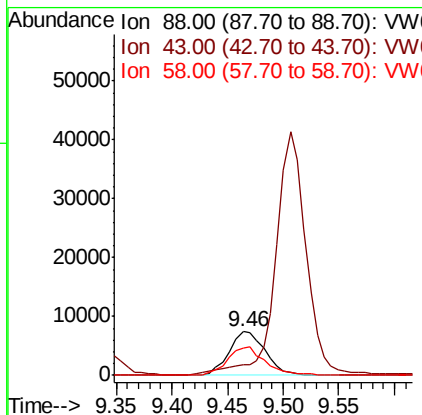
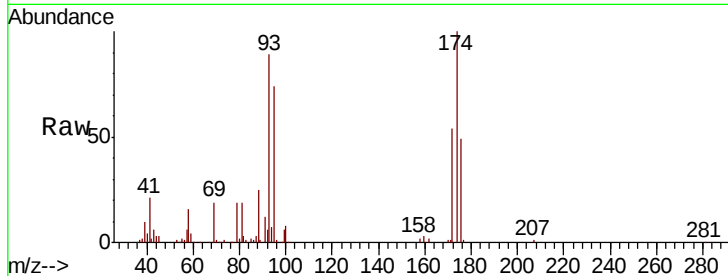
ClientSampleId :

VW0904SBSD01

Tot Ion:	88	Resp:	16847
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	68.0	57.1	85.7

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#50

Toluene-d8

Concen: 50.60 ug/l

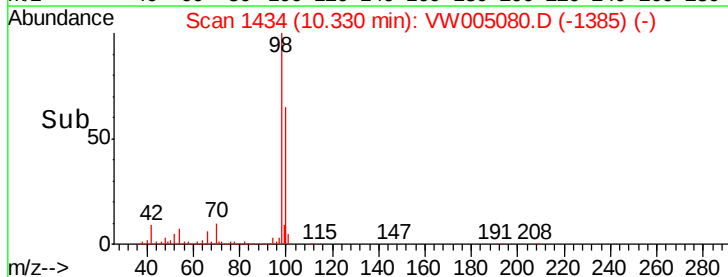
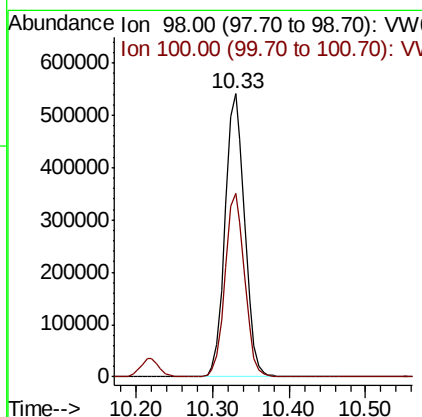
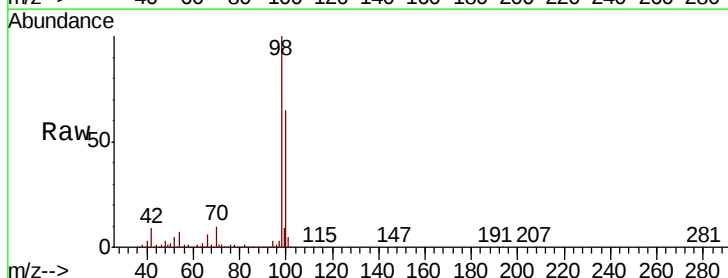
RT: 10.33 min Scan# 1434

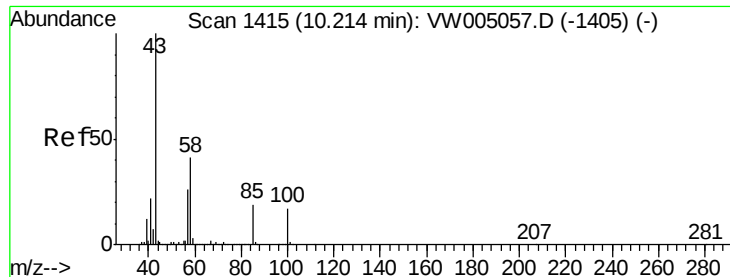
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	98	Resp:	955020
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 112.73 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 43 Resp: 347107

Ion Ratio Lower Upper

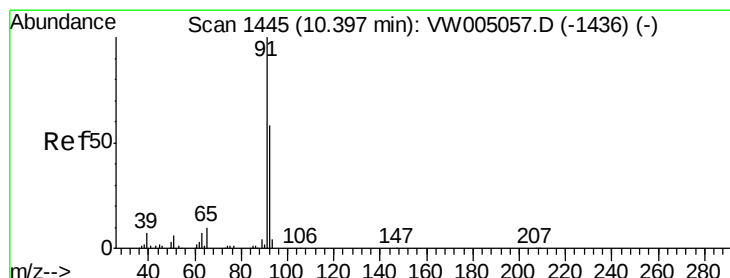
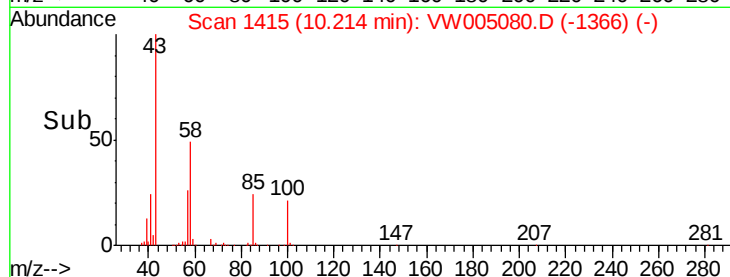
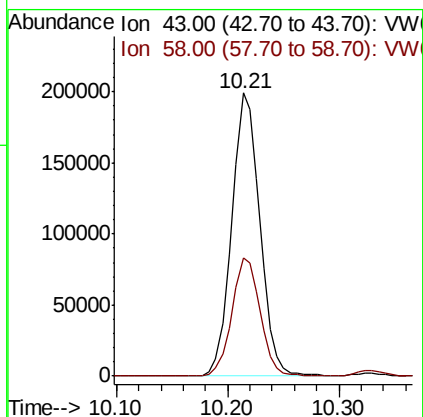
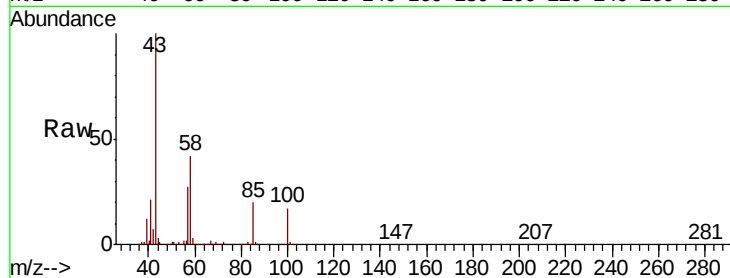
43 100

58 42.1 33.3 49.9

Manual Integrations
APPROVED

apatel

9/5/2018 10:02:19 AM



#52

Toluene

Concen: 20.90 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005080.D

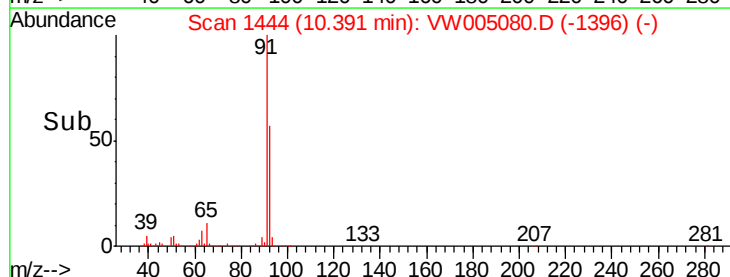
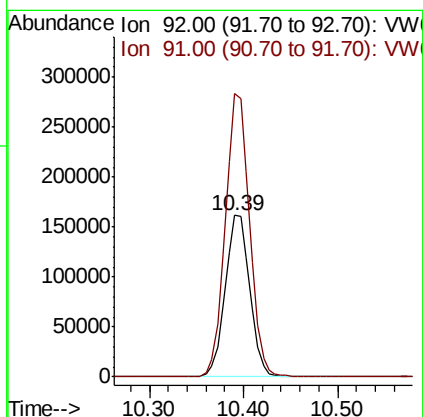
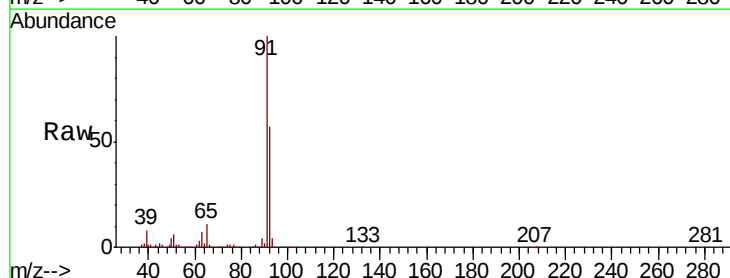
Acq: 04 Sep 2018 15:33

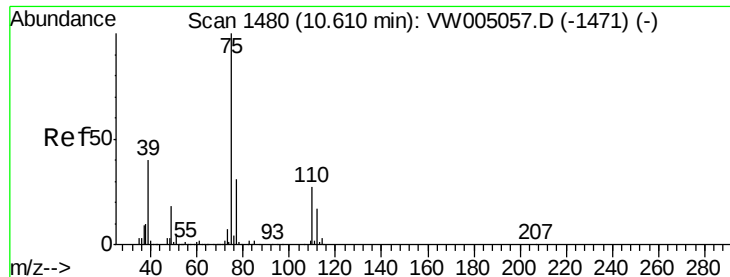
Tgt Ion: 92 Resp: 292745

Ion Ratio Lower Upper

92 100

91 172.9 139.2 208.8





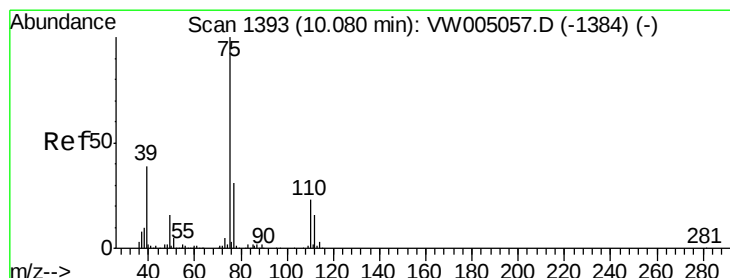
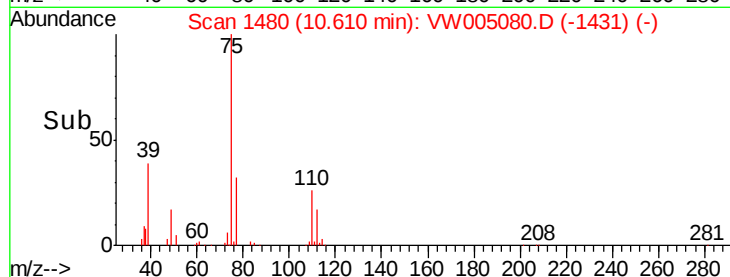
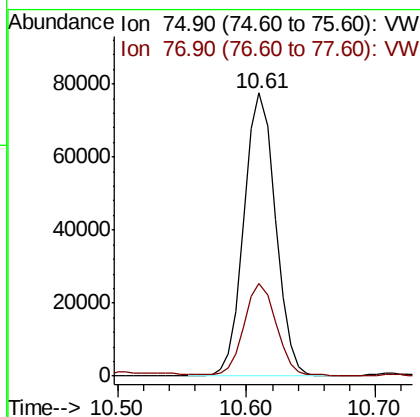
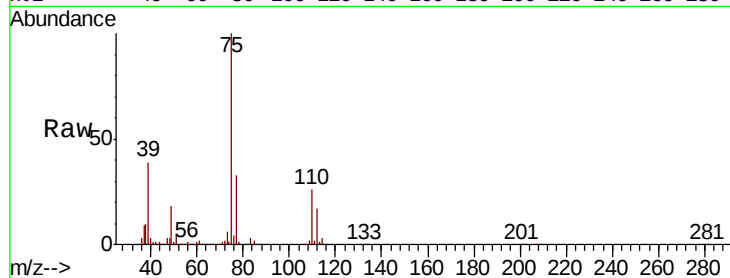
#53
t-1,3-Dichloropropene
Concen: 21.96 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.6

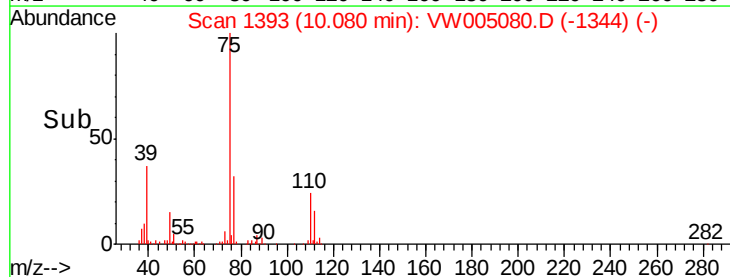
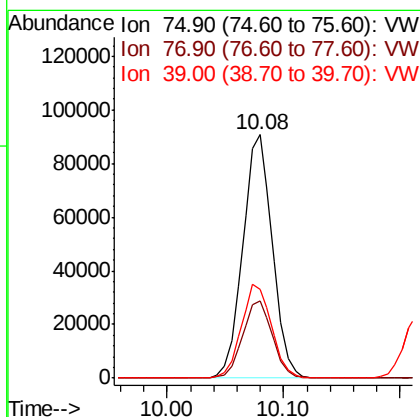
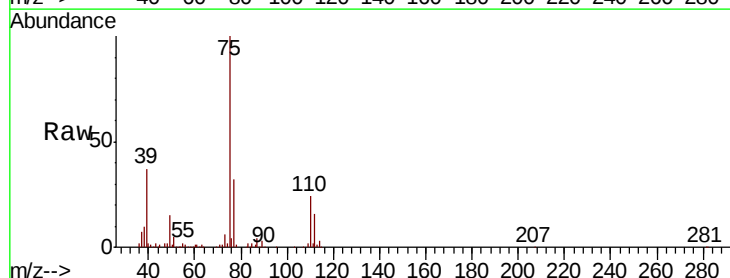
Manual Integrations
APPROVED

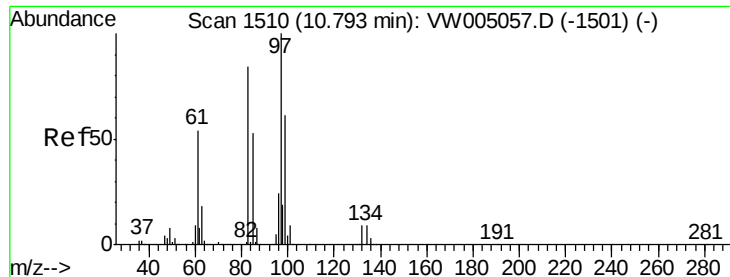
apatel
9/5/2018 10:02:19 AM



#54
cis-1,3-Dichloropropene
Concen: 22.04 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	36.6	31.0	46.6





#55

1,1,2-Trichloroethane

Concen: 21.70 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

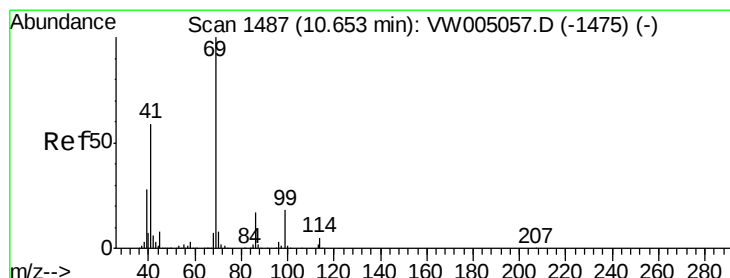
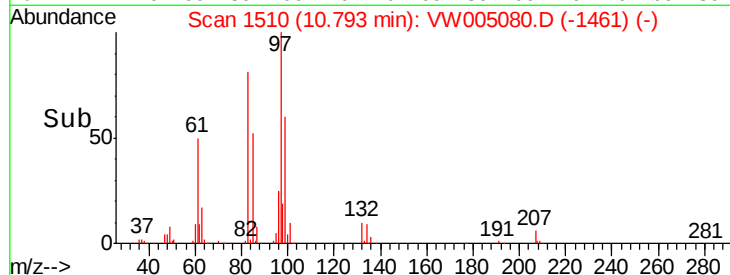
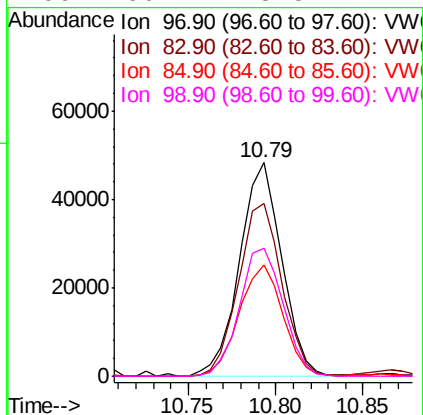
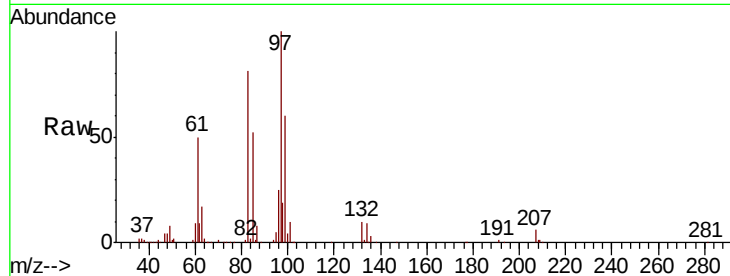
ClientSampled :

VW0904SBSD01

Tot Ion:	97	Resp:	81116
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.0	100.6
85	51.7	42.3	63.5
99	60.1	48.5	72.7

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#56

Ethyl methacrylate

Concen: 22.30 ug/l

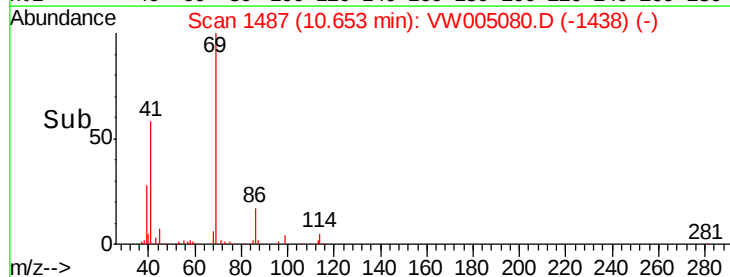
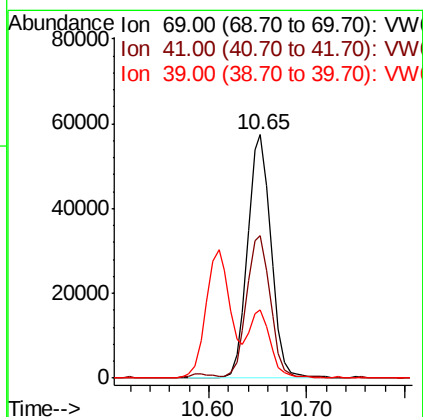
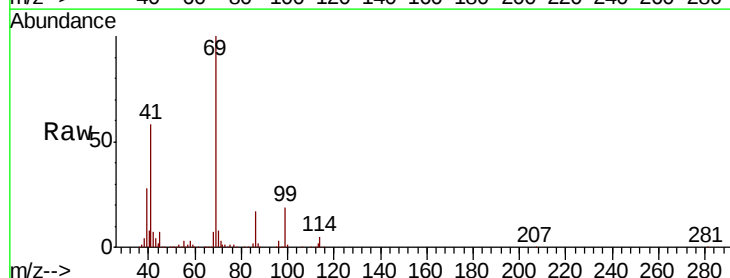
RT: 10.65 min Scan# 1487

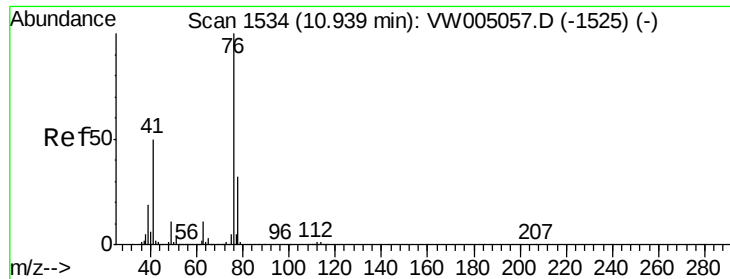
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	69	Resp:	95098
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.6
39	24.8	21.1	31.7





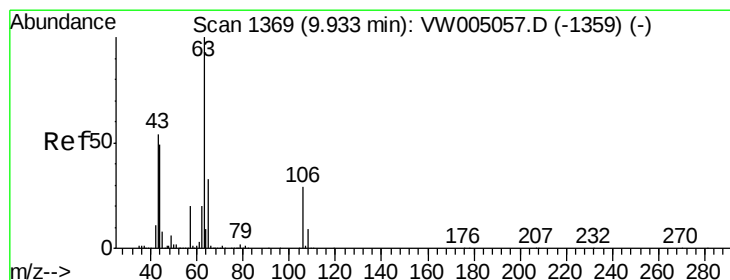
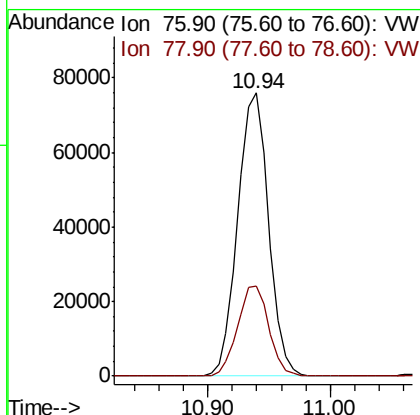
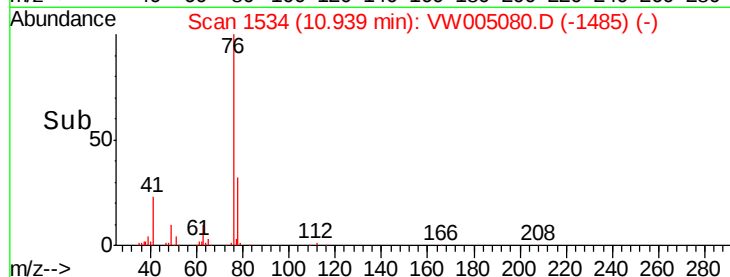
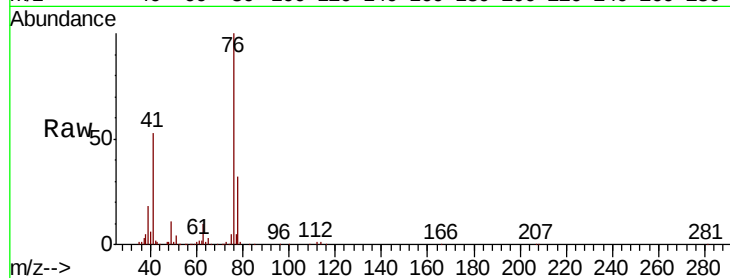
#57
 1,3-Dichloropropane
 Concen: 21.58 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

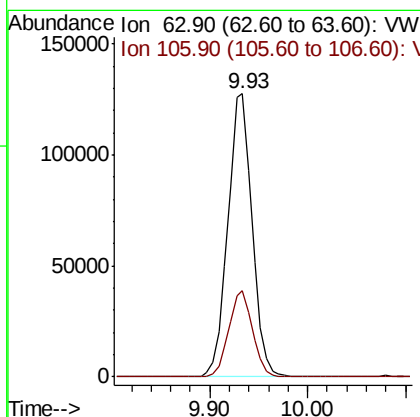
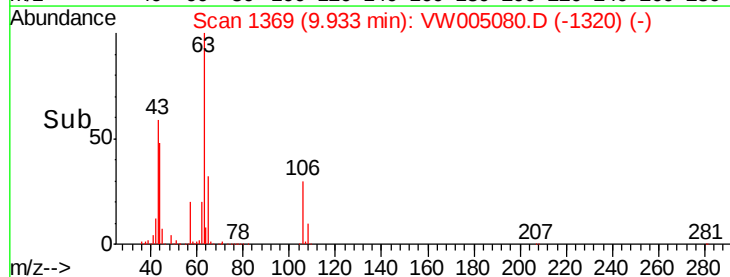
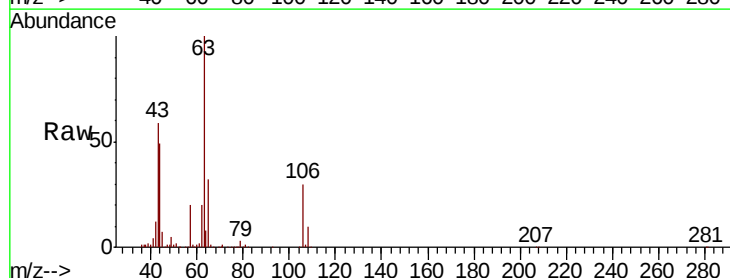
Manual Integrations
 APPROVED

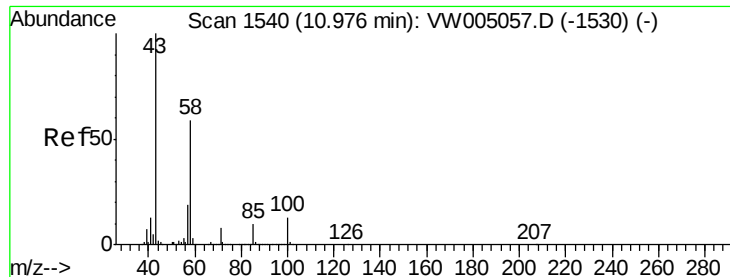
apatel
 9/5/2018 10:02:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.49 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.1	34.7





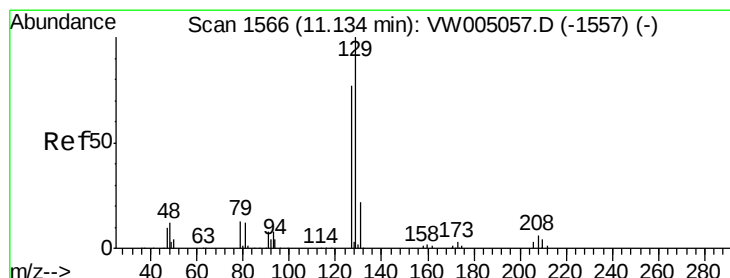
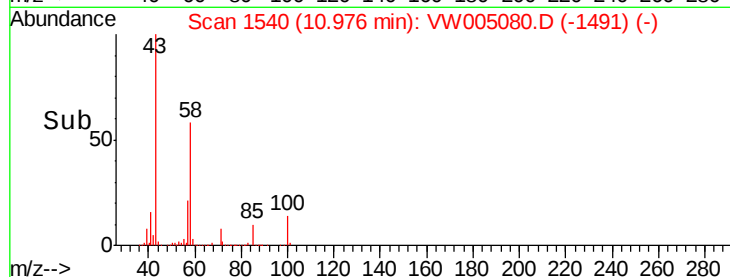
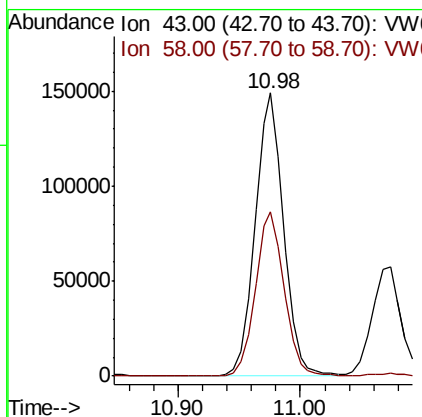
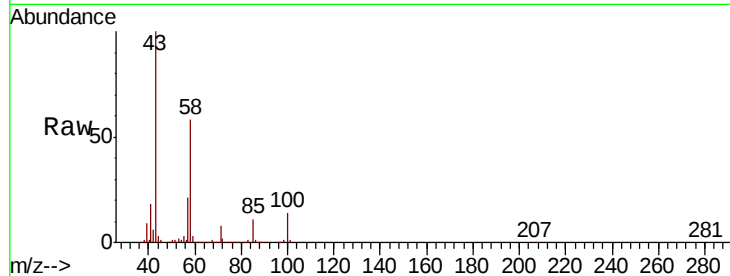
#59
2-Hexanone
Concen: 115.55 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion: 43 Resp: 240652
Ion Ratio Lower Upper
43 100
58 58.8 28.7 86.3

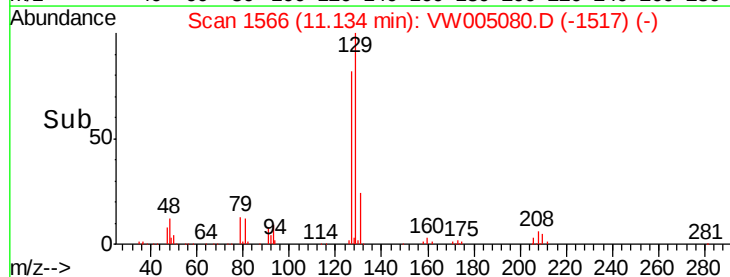
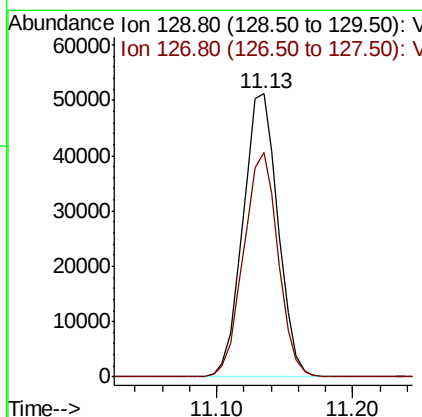
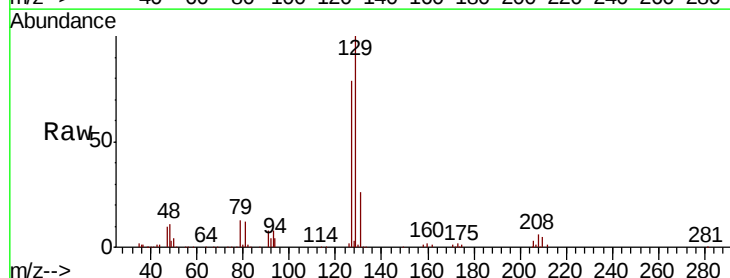
Manual Integrations
APPROVED

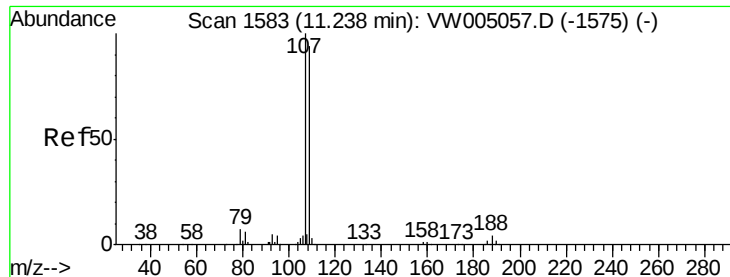
apatel
9/5/2018 10:02:19 AM



#60
Dibromochloromethane
Concen: 21.81 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion: 129 Resp: 92173
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





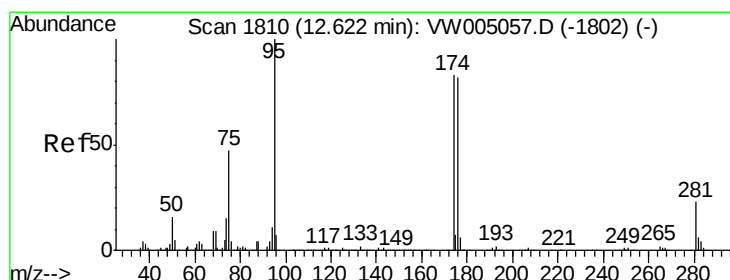
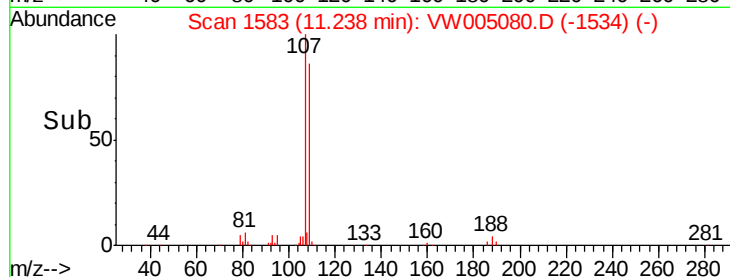
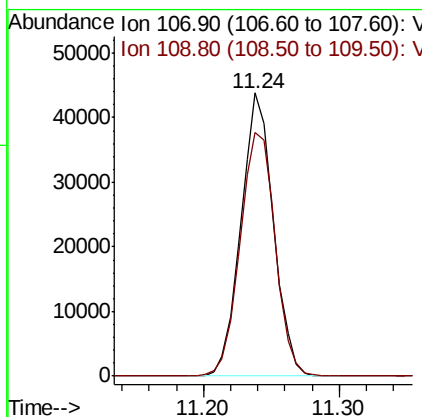
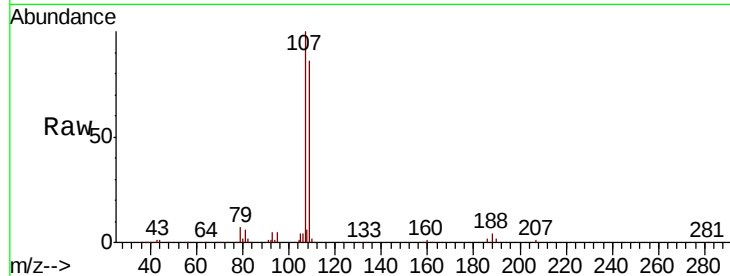
#61
 1,2-Dibromoethane
 Concen: 21.61 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion: 107 Resp: 72946
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.9 113.9

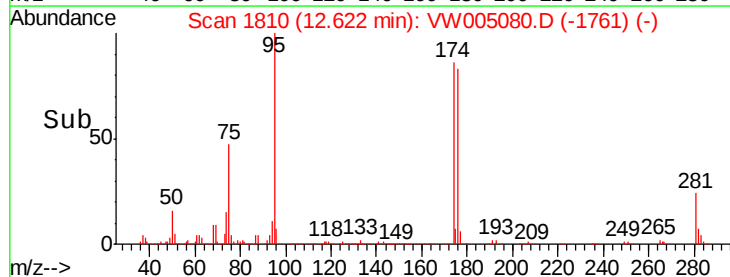
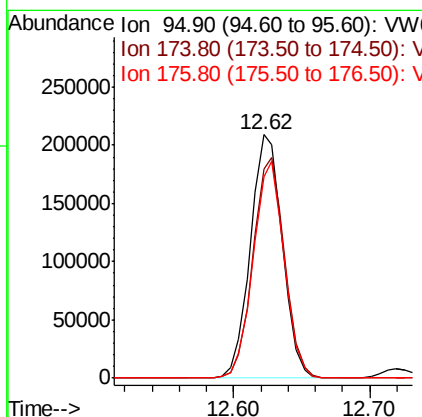
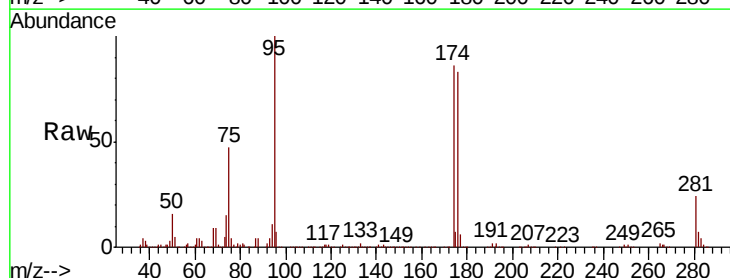
Manual Integrations
 APPROVED

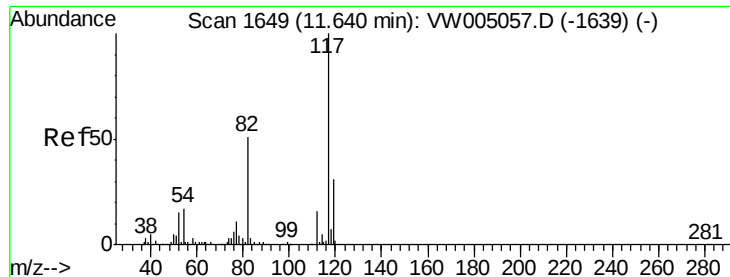
apatel
 9/5/2018 10:02:19 AM



#62
 4-Bromofluorobenzene
 Concen: 51.84 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion: 95 Resp: 345058
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 173.4
 176 86.4 0.0 167.4





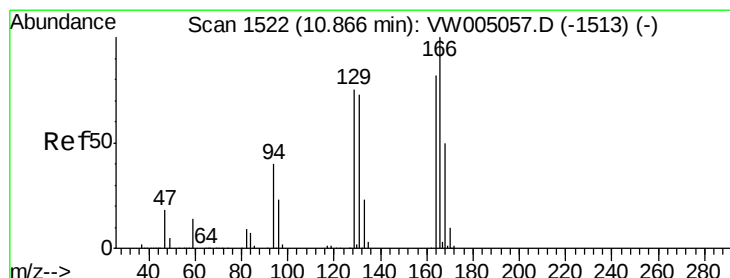
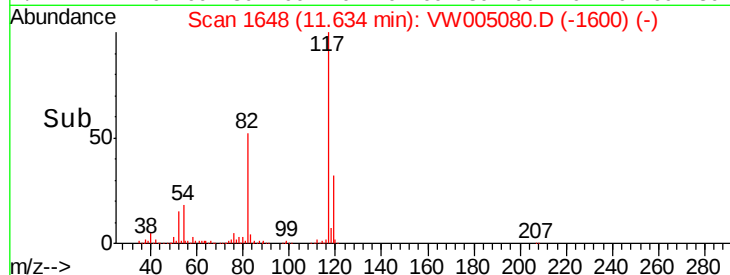
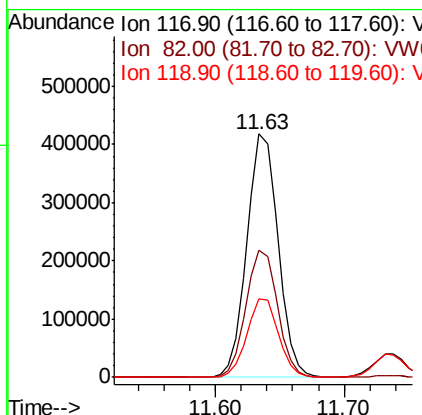
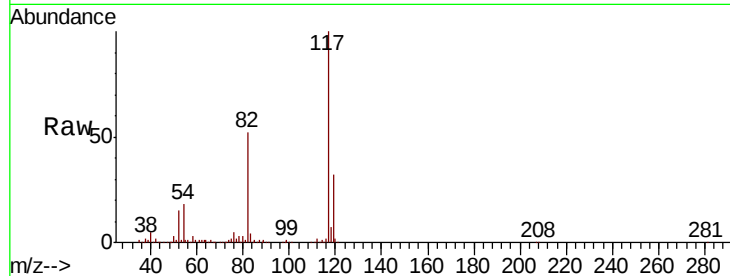
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	699028		
82	52.4		40.9	61.3
119	32.2		24.9	37.3

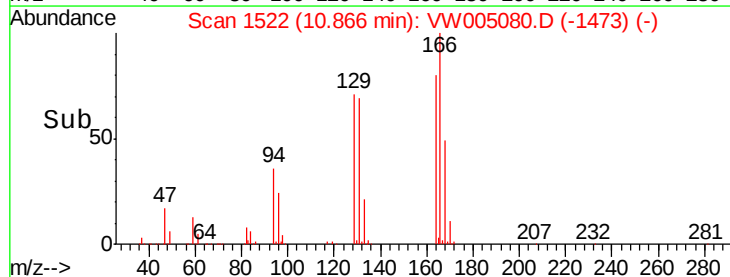
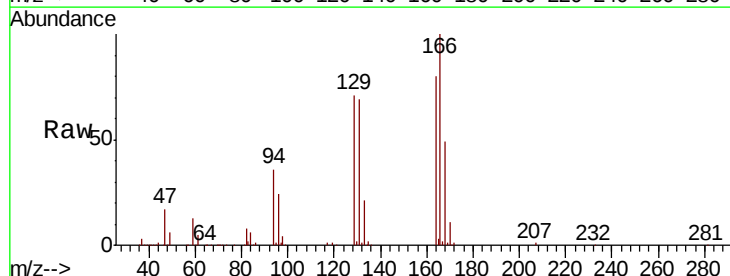
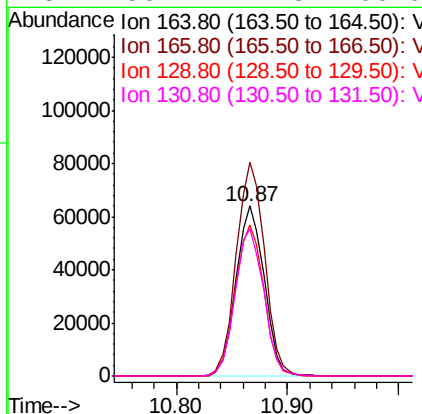
Manual Integrations
APPROVED

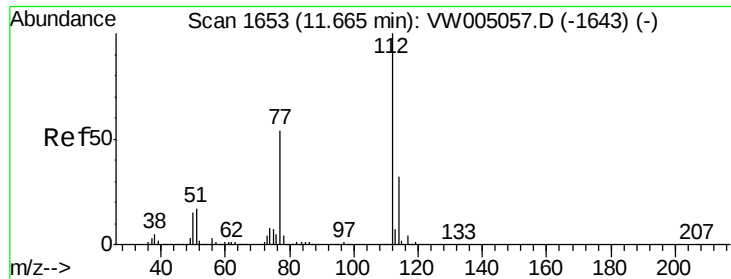
apatel
9/5/2018 10:02:19 AM



#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112137		
166	125.7		97.3	145.9
129	89.2		73.1	109.7
131	86.4		71.3	106.9





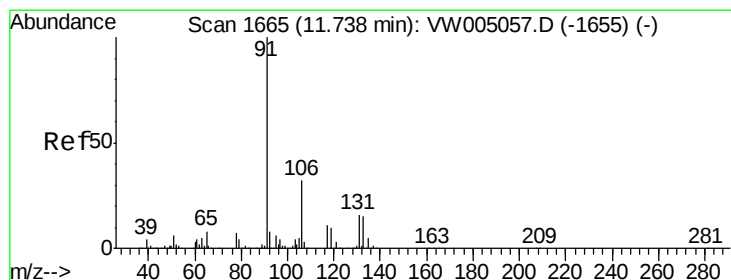
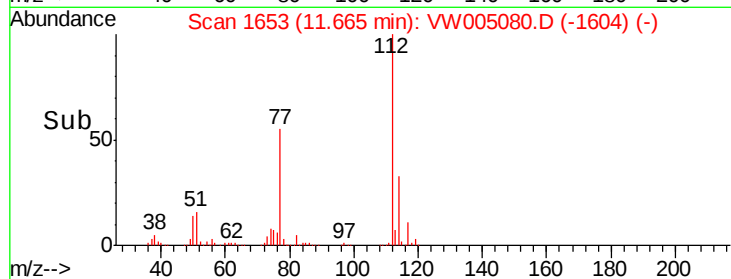
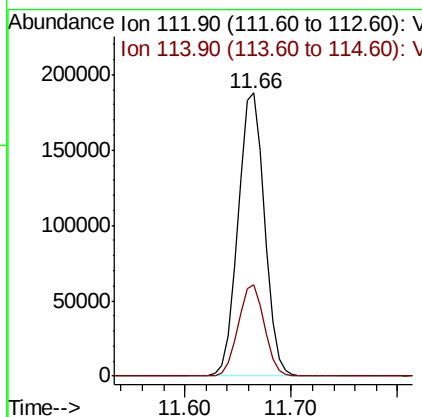
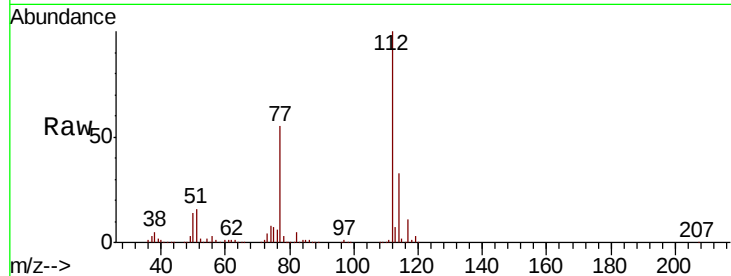
#65
Chlorobenzene
Concen: 20.87 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	328459		
114	32.5	26.0	39.0	

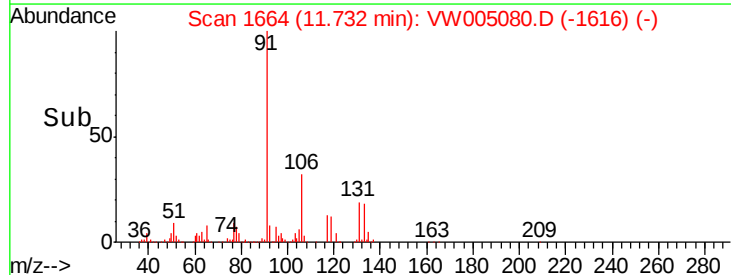
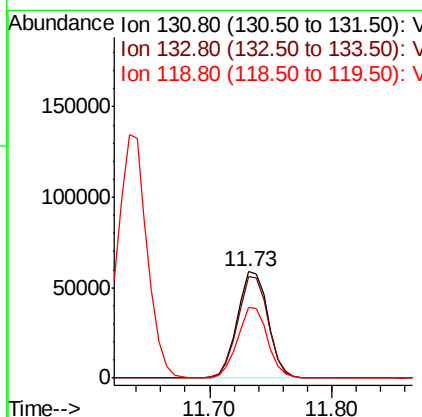
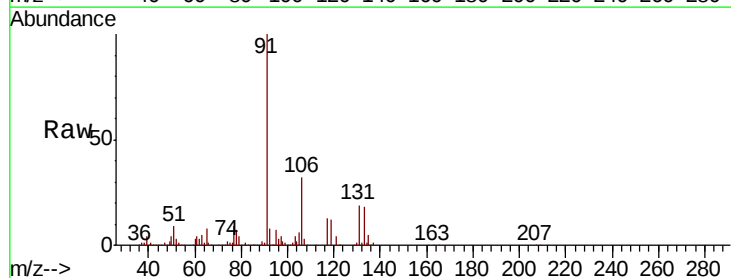
Manual Integrations
APPROVED

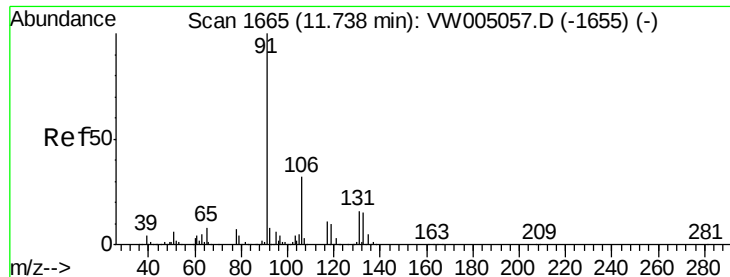
apatel
9/5/2018 10:02:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.37 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	102781		
133	95.4	47.4	142.3	
119	65.1	33.4	100.1	





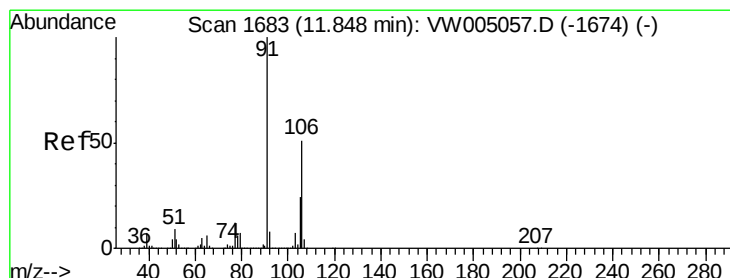
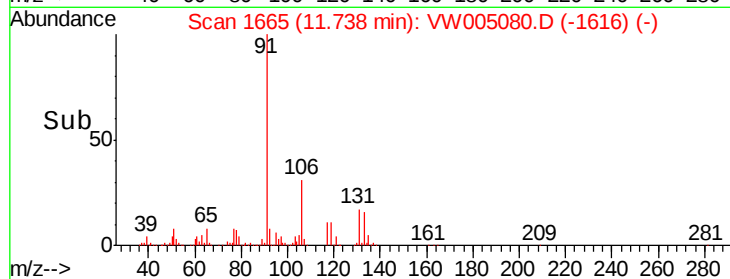
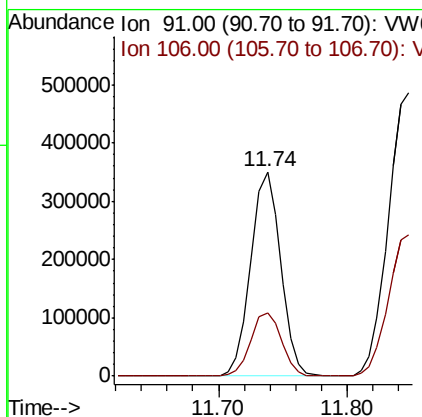
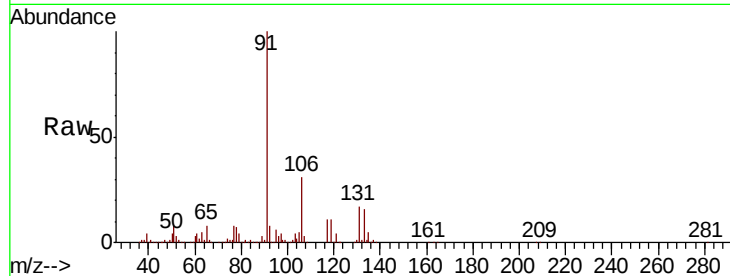
#67
Ethyl Benzene
Concen: 21.06 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9

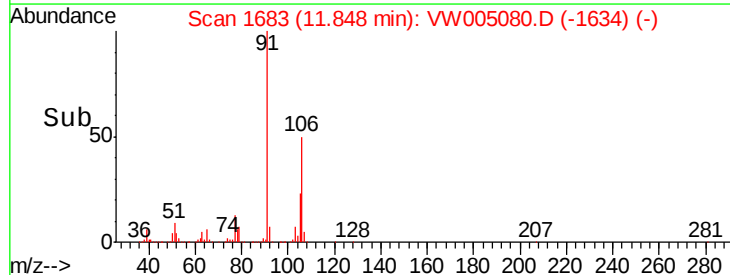
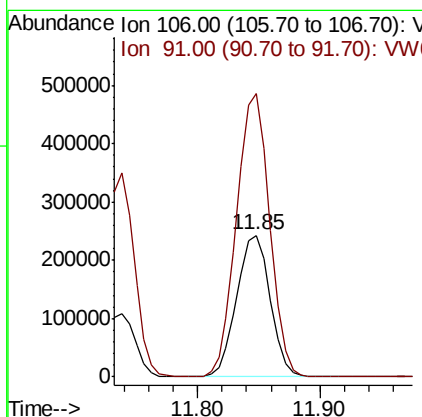
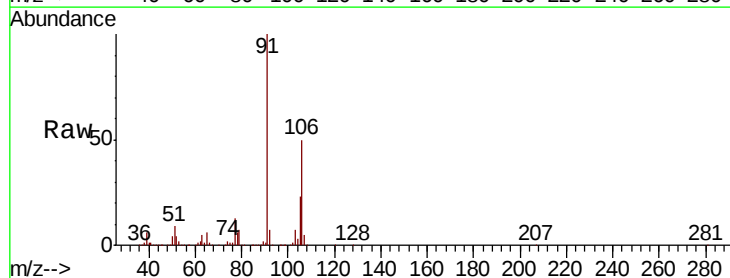
Manual Integrations
APPROVED

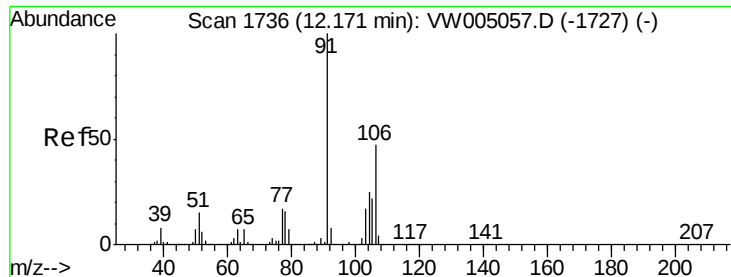
apatel
9/5/2018 10:02:19 AM



#68
m/p-Xylenes
Concen: 43.28 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.1	158.4	237.6





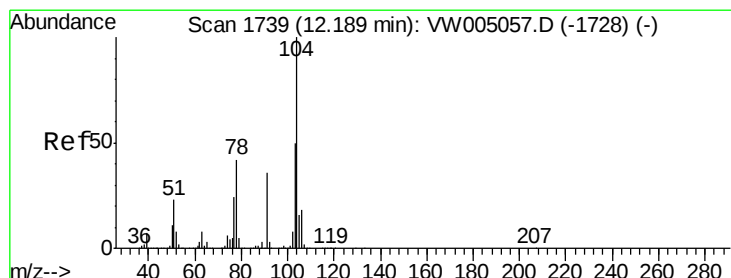
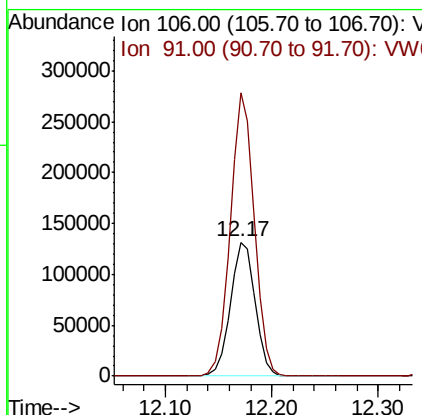
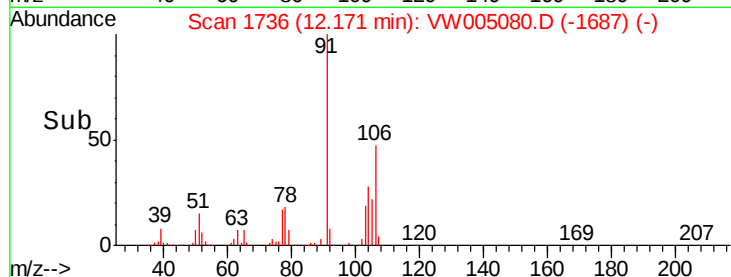
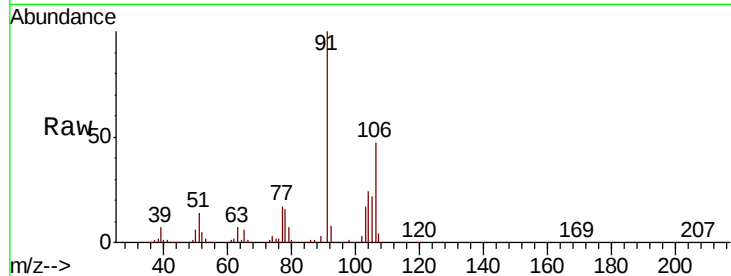
#69
o-Xylene
Concen: 21.67 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.8	105.6	316.8

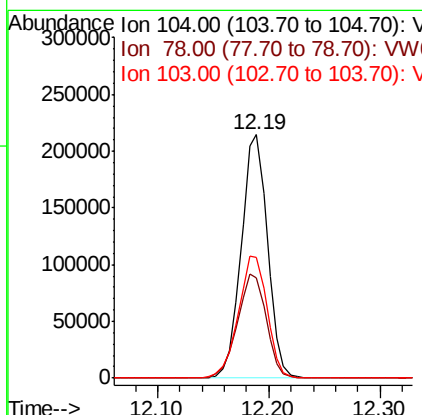
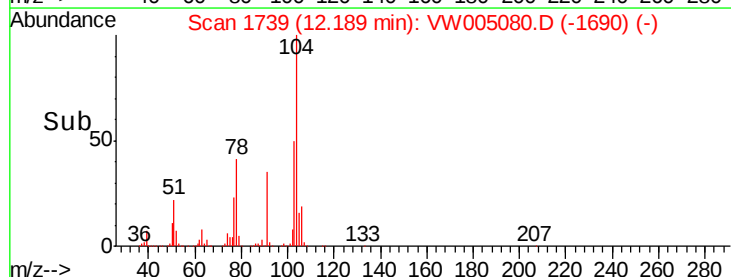
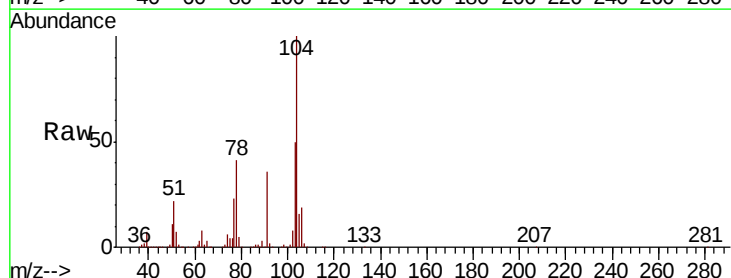
Manual Integrations
APPROVED

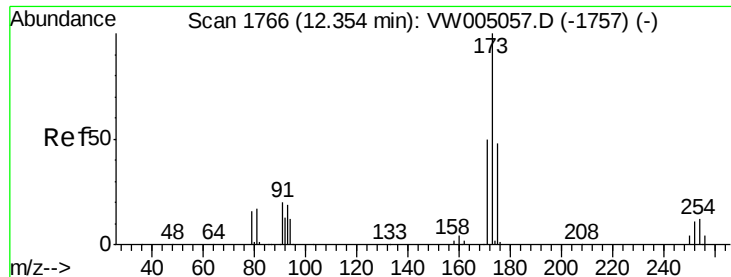
apatel
9/5/2018 10:02:19 AM



#70
Styrene
Concen: 21.61 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.7	37.8	56.6
103	55.0	44.1	66.1





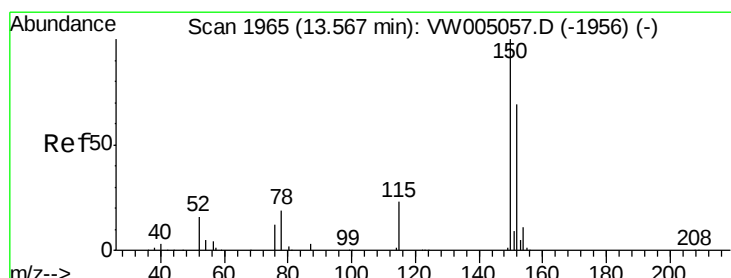
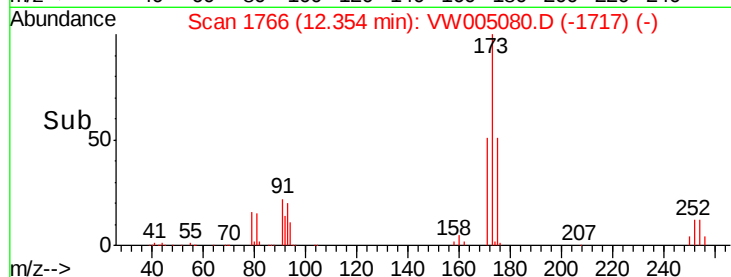
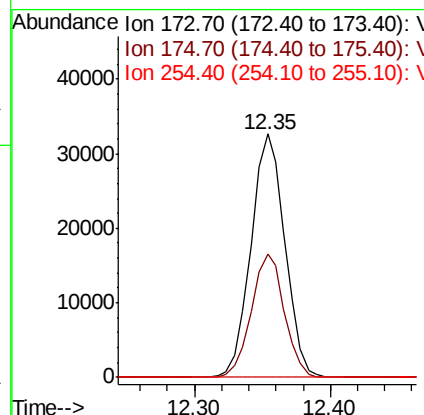
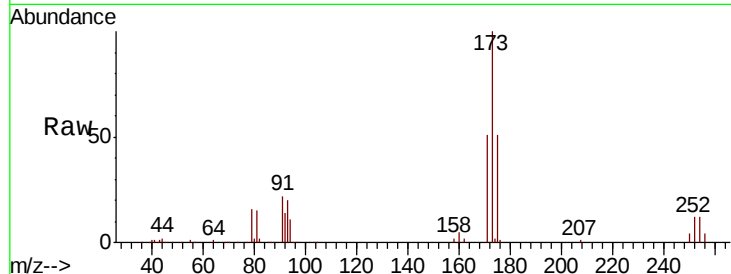
#71
Bromoform
Concen: 22.27 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.2
254	0.1	0.2	0.2

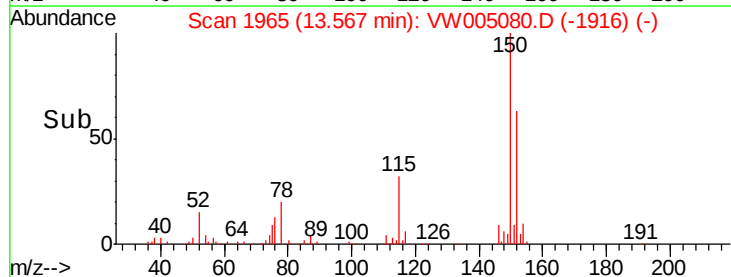
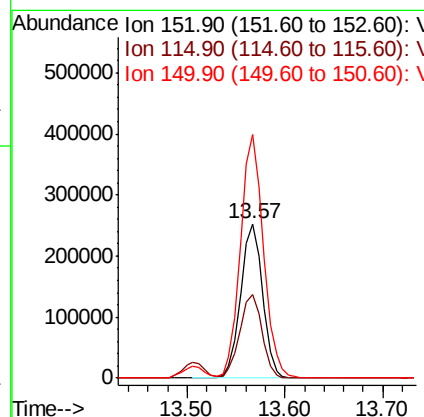
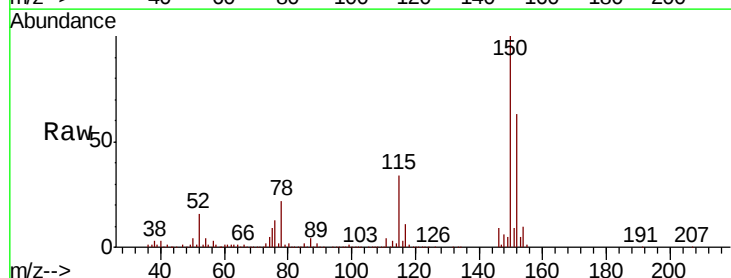
Manual Integrations
APPROVED

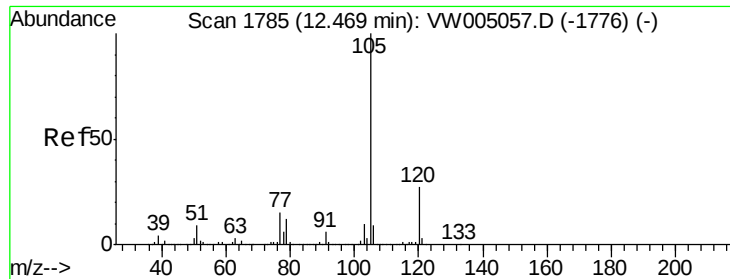
apatel
9/5/2018 10:02:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	164.9	0.0	351.4





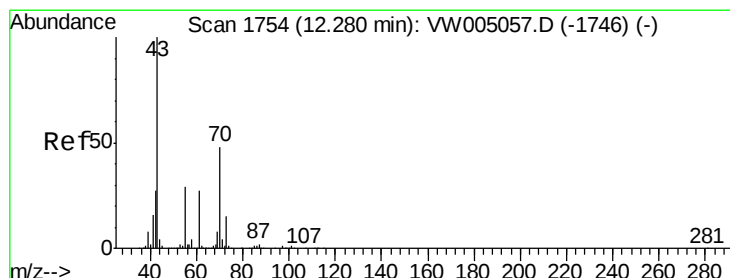
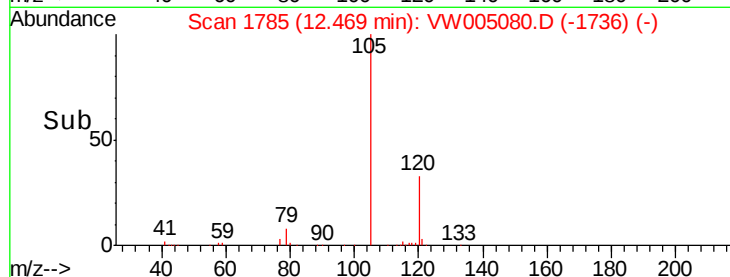
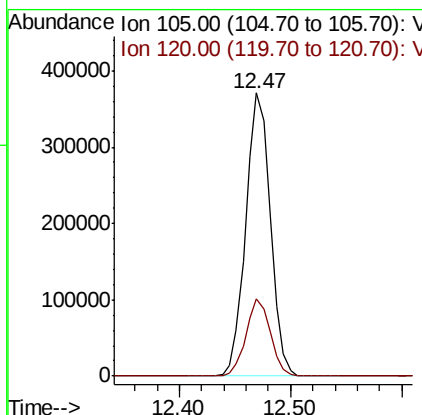
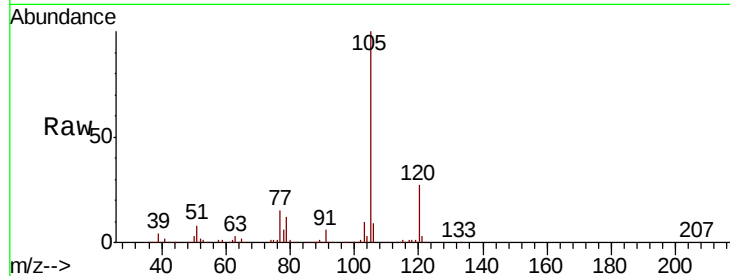
#73
Isopropylbenzene
Concen: 20.52 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.4	40.1

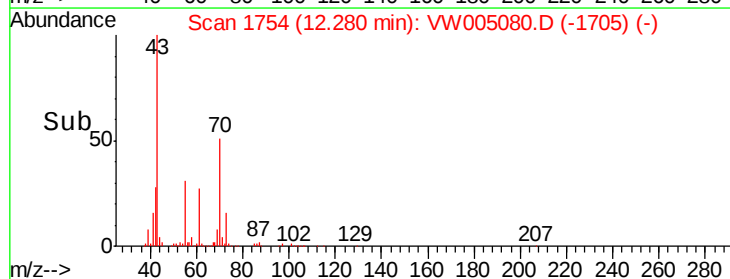
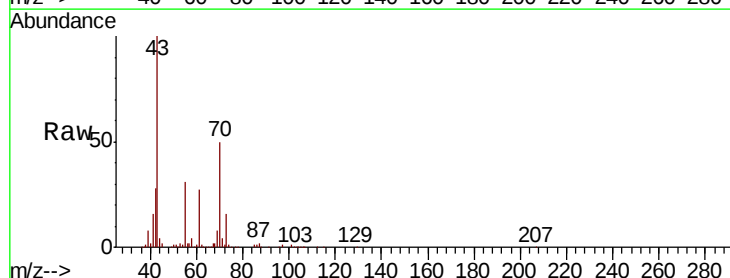
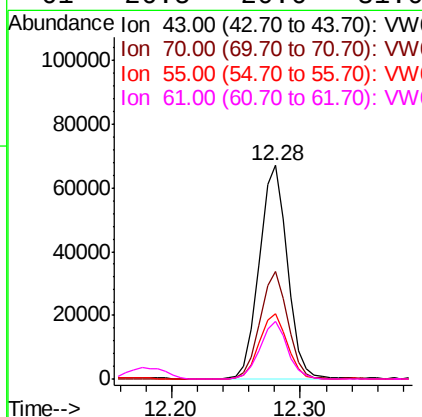
Manual Integrations
APPROVED

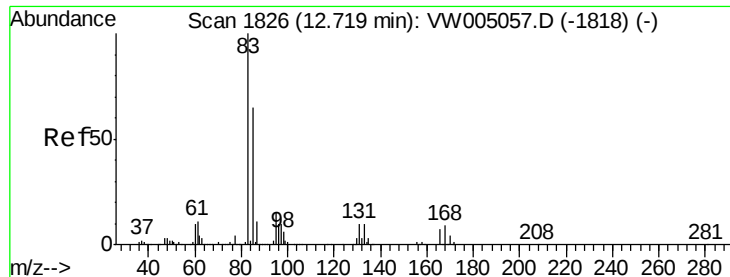
apatel
9/5/2018 10:02:19 AM



#74
N-ethyl acetate
Concen: 21.04 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.6	38.2	57.4
55	30.6	23.2	34.8
61	26.5	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.22 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

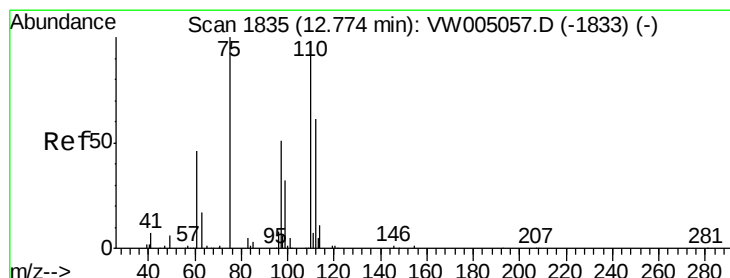
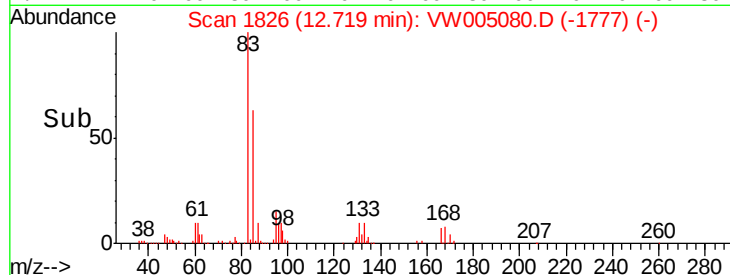
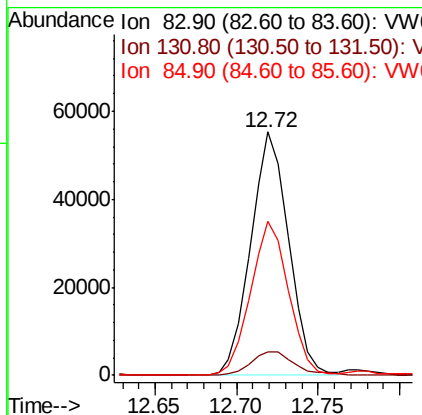
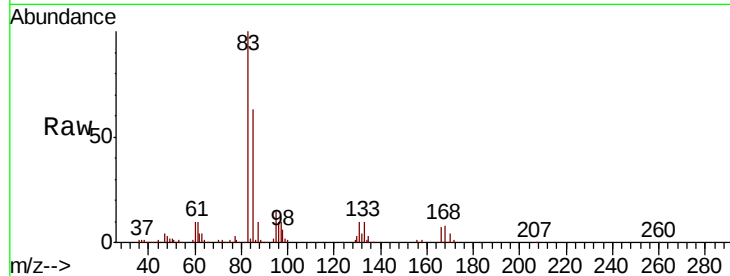
ClientSampled :

VW0904SBSD01

Tot Ion:	83	Resp:	89732
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	63.0	32.5	97.4

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#76

1,2,3-Trichloropropane

Concen: 20.75 ug/l m

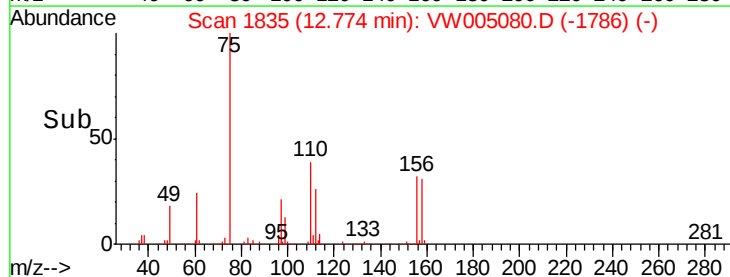
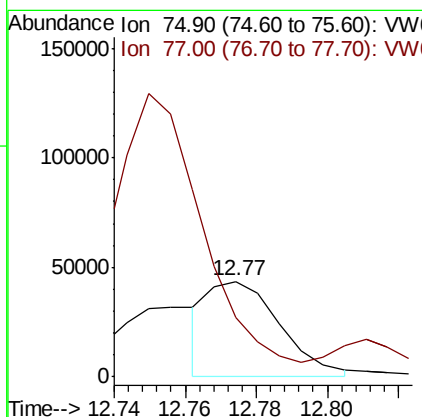
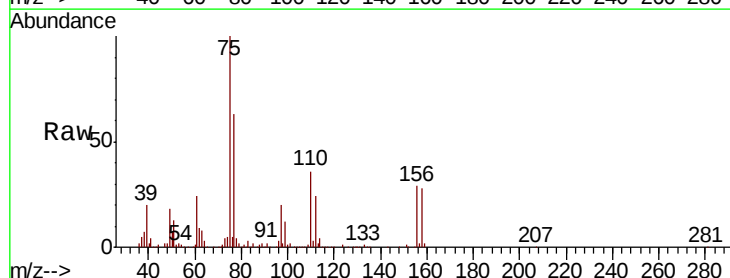
RT: 12.77 min Scan# 1835

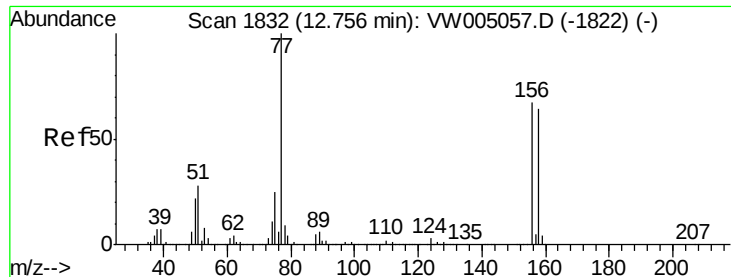
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion:	75	Resp:	61367
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.49 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

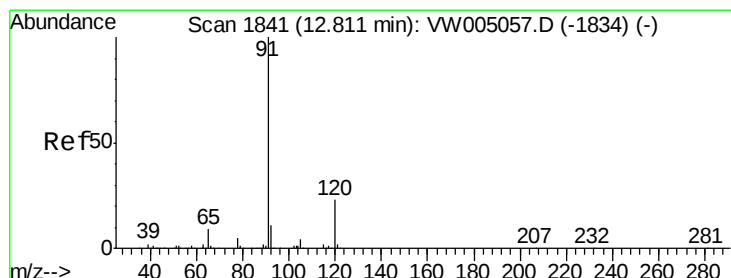
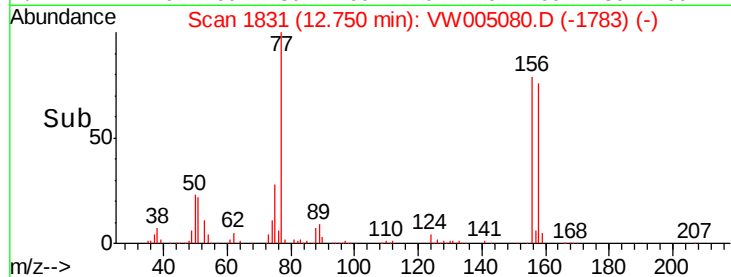
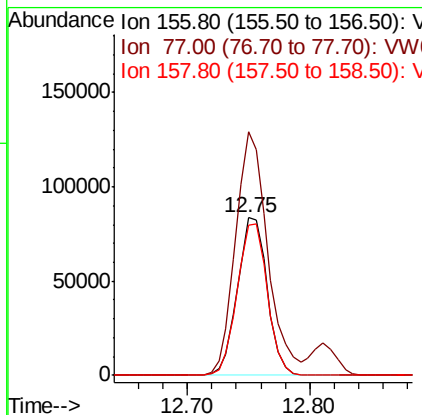
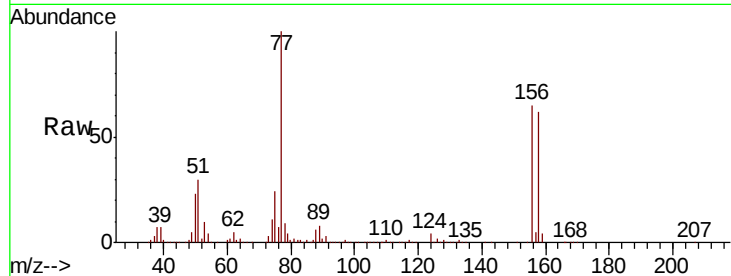
ClientSampleId :

VW0904SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	167.7	85.8	257.4		
158	97.5	48.1	144.4		

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#78

n-propylbenzene

Concen: 20.75 ug/l

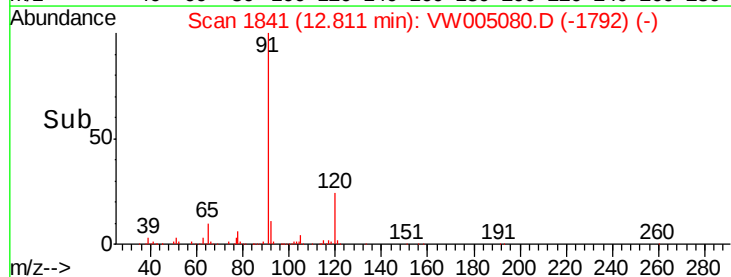
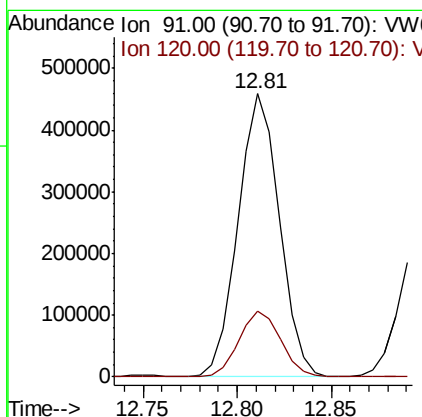
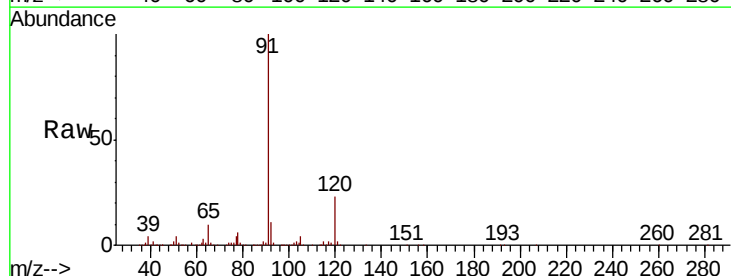
RT: 12.81 min Scan# 1841

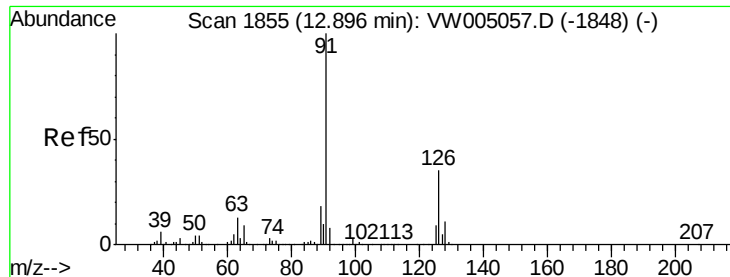
Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.6	11.8	35.3		





#79

2-Chlorotoluene

Concen: 20.21 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 91 Resp: 395458

Ion Ratio Lower Upper

91 100

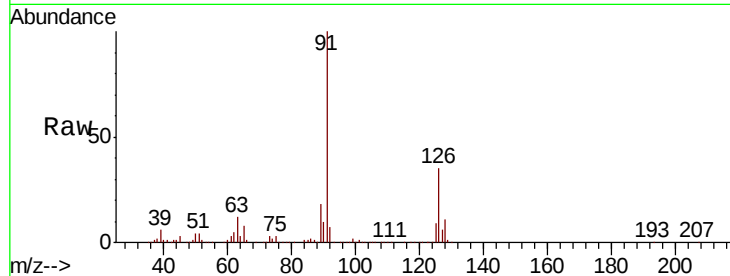
126 35.5 17.3 52.0

Manual Integrations

APPROVED

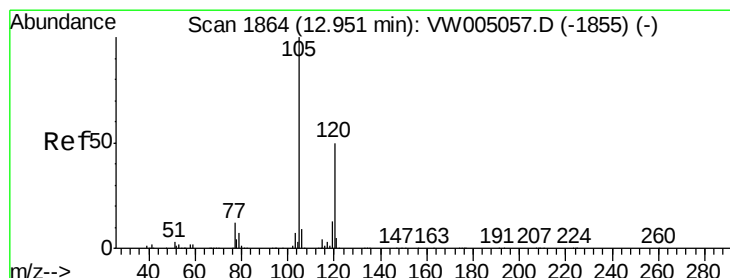
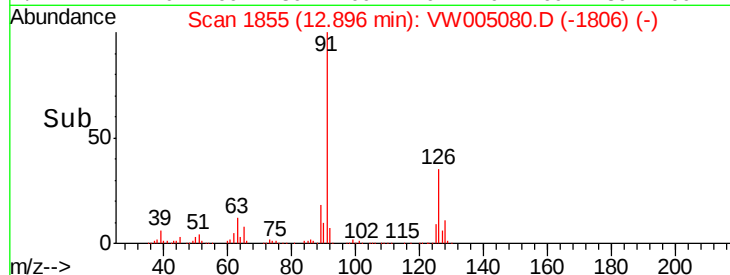
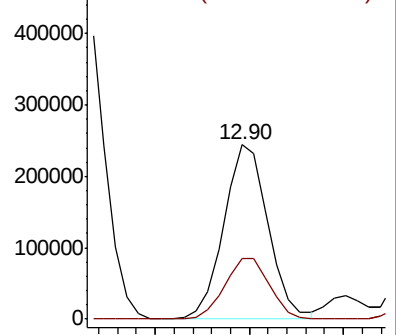
apatel

9/5/2018 10:02:19 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: 21.01 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005080.D

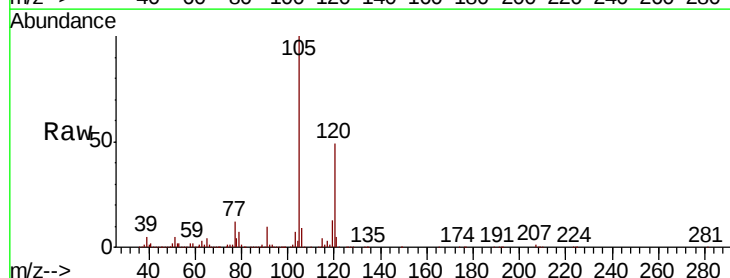
Acq: 04 Sep 2018 15:33

Tgt Ion:105 Resp: 504695

Ion Ratio Lower Upper

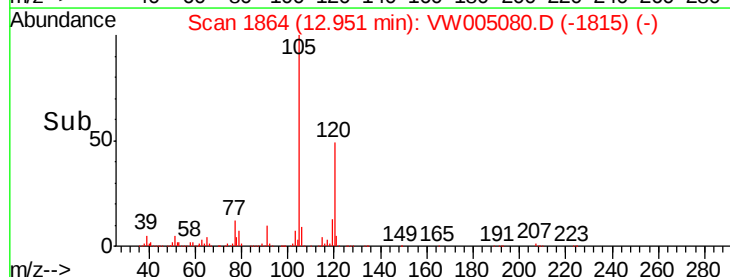
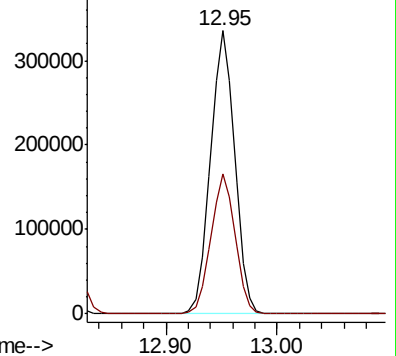
105 100

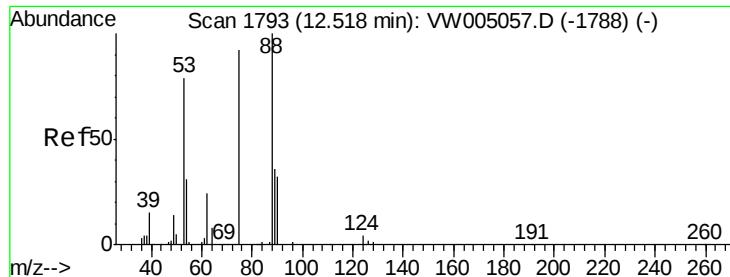
120 49.4 24.9 74.8



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: 22.83 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005080.D

Acq: 04 Sep 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 75 Resp: 28052

Ion Ratio Lower Upper

75 100

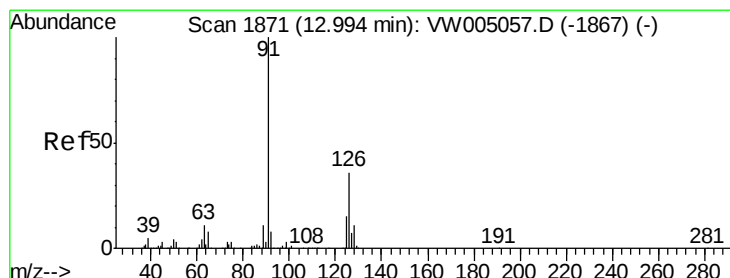
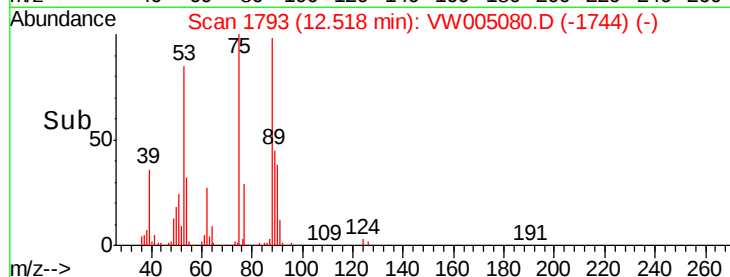
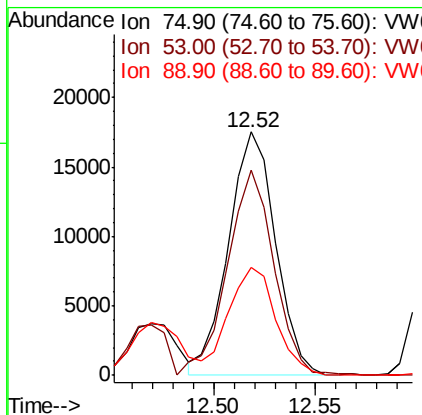
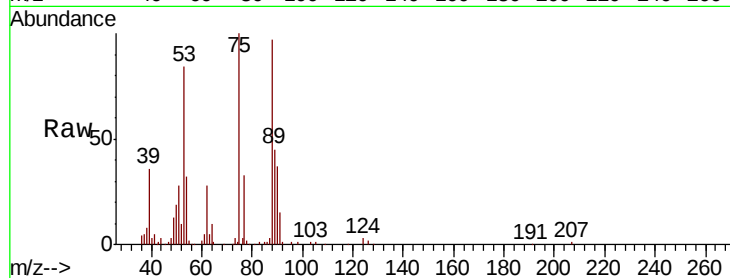
53 83.8 69.8 104.8

89 44.4 36.0 54.0

Manual Integrations
APPROVED

apatel

9/5/2018 10:02:19 AM



#82

4-Chlorotoluene

Concen: 19.97 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005080.D

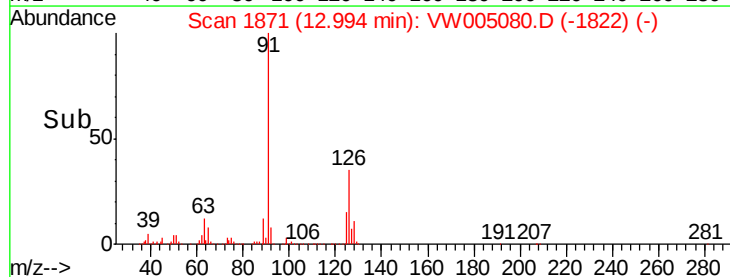
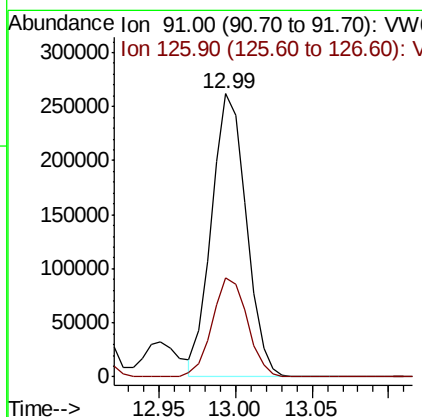
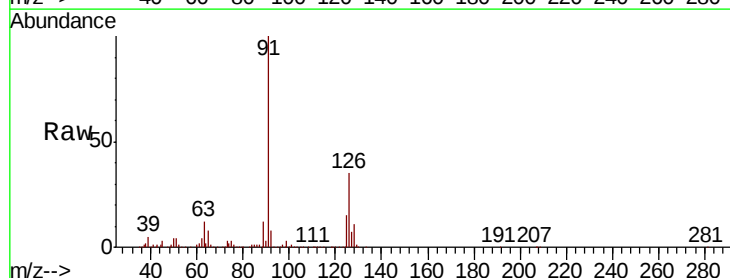
Acq: 04 Sep 2018 15:33

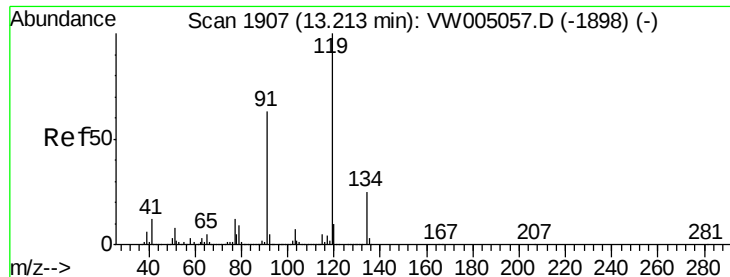
Tgt Ion: 91 Resp: 412529

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3





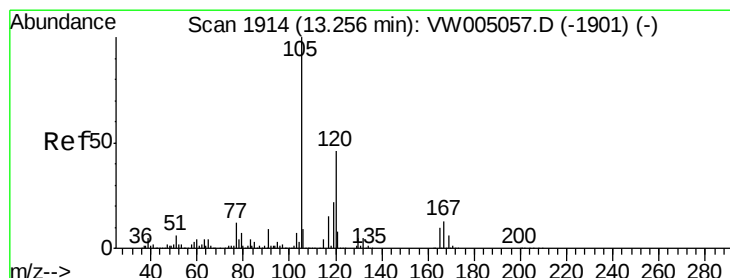
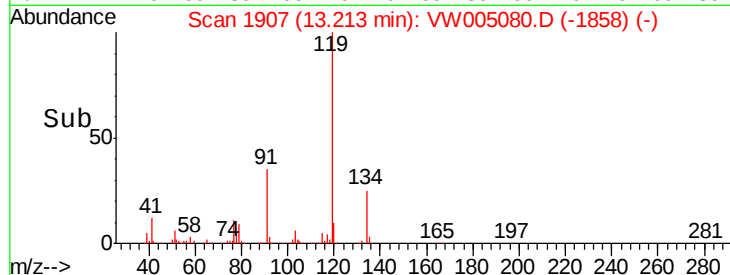
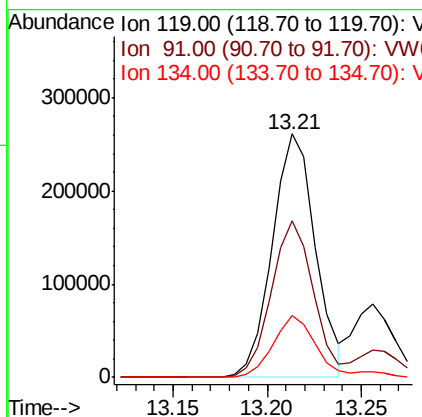
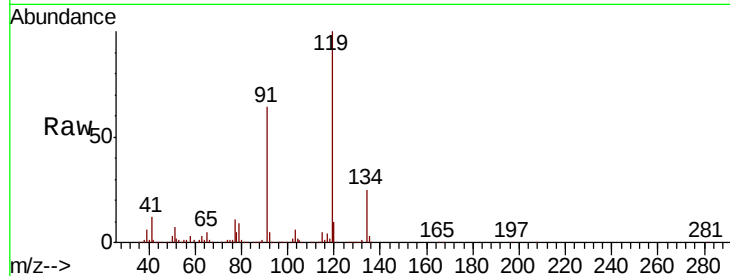
#83
 tert-Butylbenzene
 Concen: 20.68 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.8	95.4
134	26.3	13.0	39.0

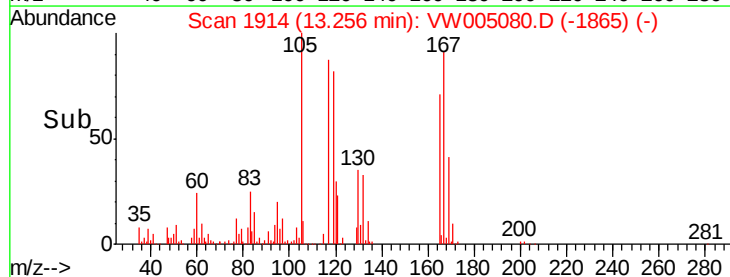
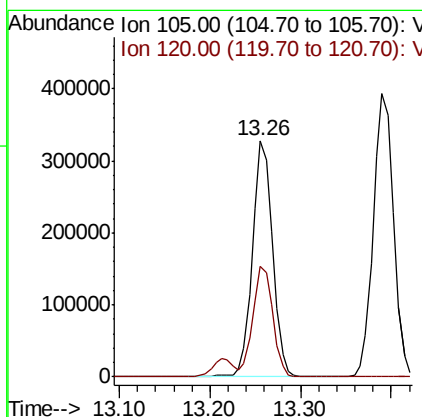
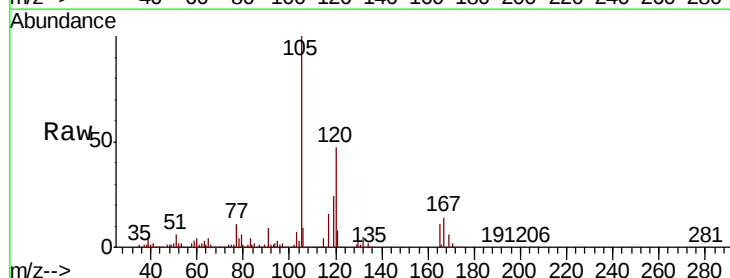
Manual Integrations
 APPROVED

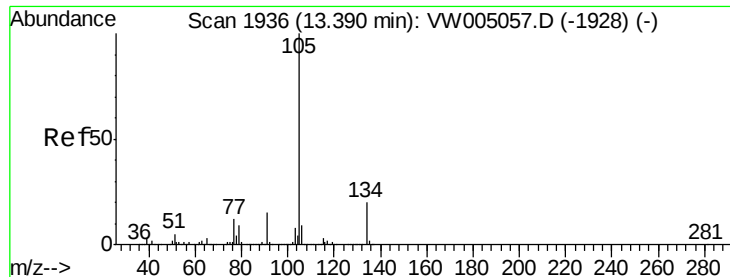
apatel
 9/5/2018 10:02:19 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.62 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





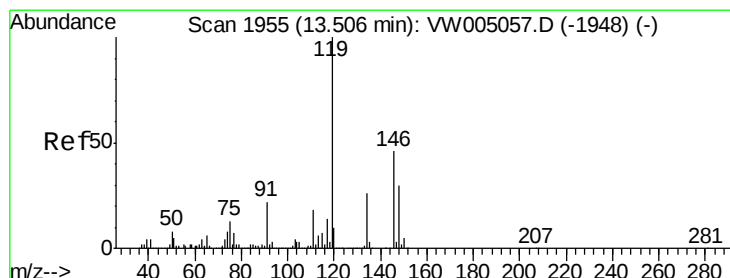
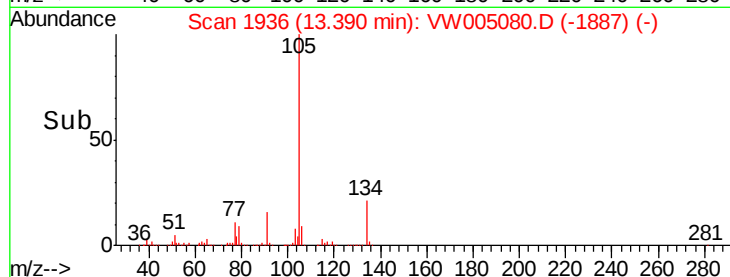
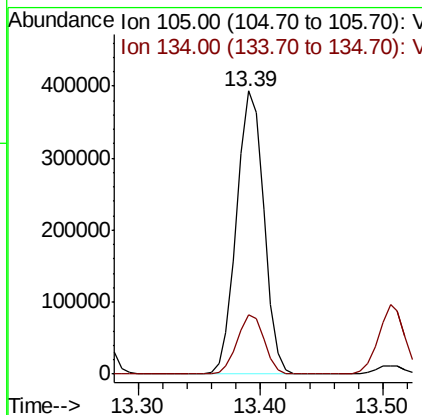
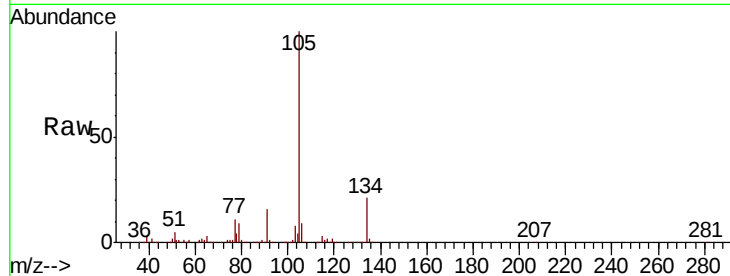
#85
 sec-Butylbenzene
 Concen: 20.55 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.1	30.3

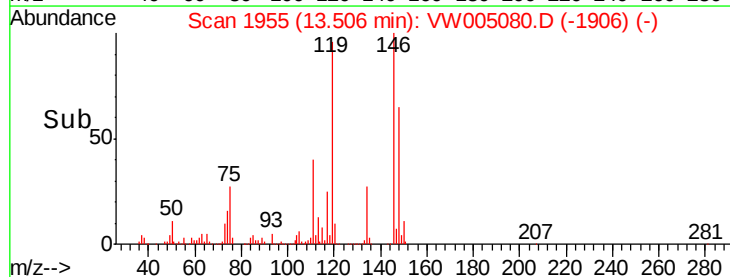
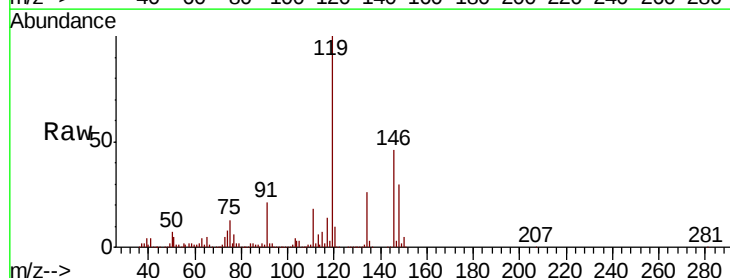
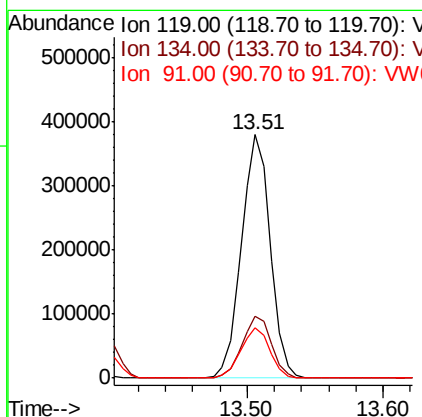
Manual Integrations
 APPROVED

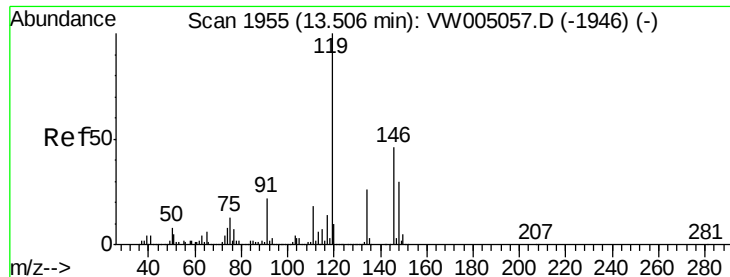
apatel
 9/5/2018 10:02:19 AM



#86
 p-Isopropyltoluene
 Concen: 21.40 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.3	39.8
91	20.9	10.9	32.9





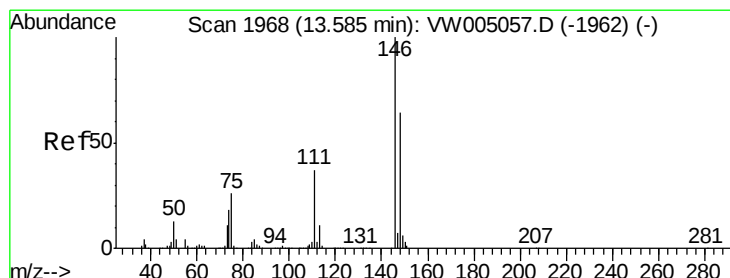
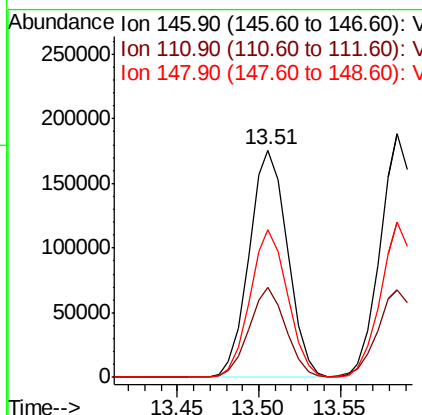
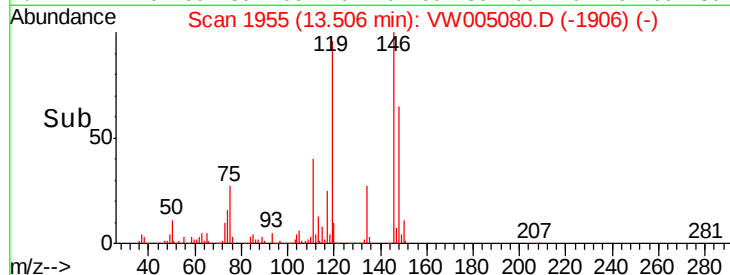
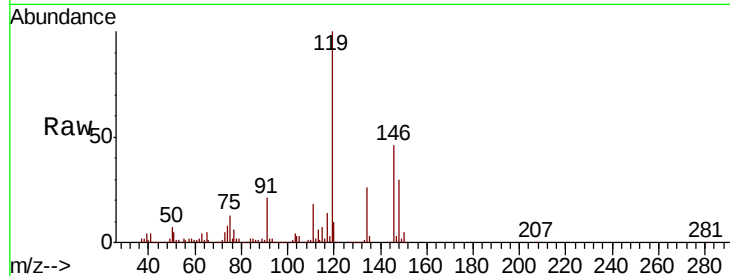
#87
 1,3-Dichlorobenzene
 Concen: 20.39 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	286641		
111	37.9	19.2	57.6	
148	63.6	31.9	95.7	

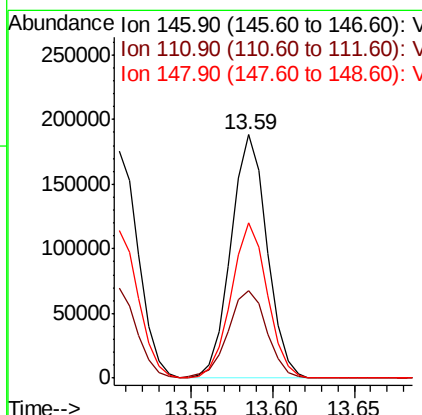
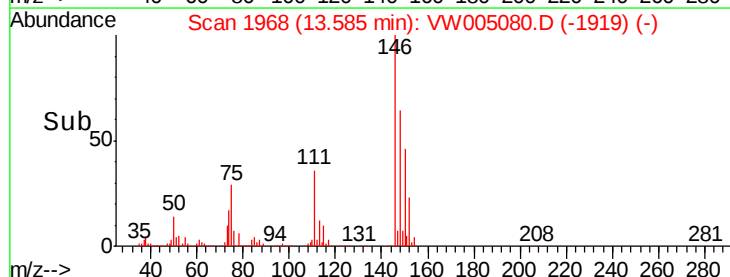
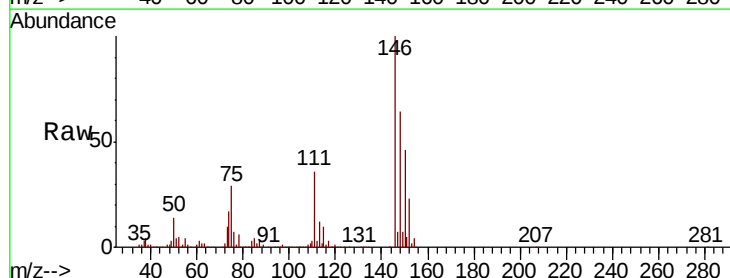
Manual Integrations
 APPROVED

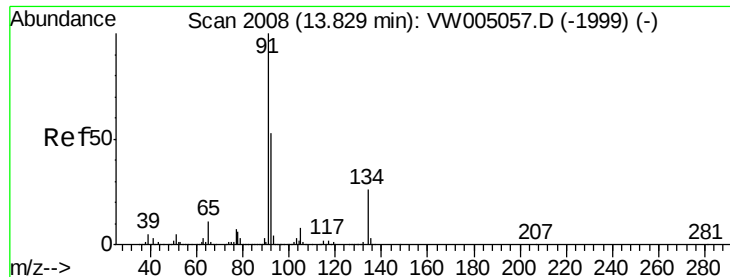
apatel
 9/5/2018 10:02:19 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.82 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290354		
111	38.5	18.6	56.0	
148	63.7	32.0	96.0	





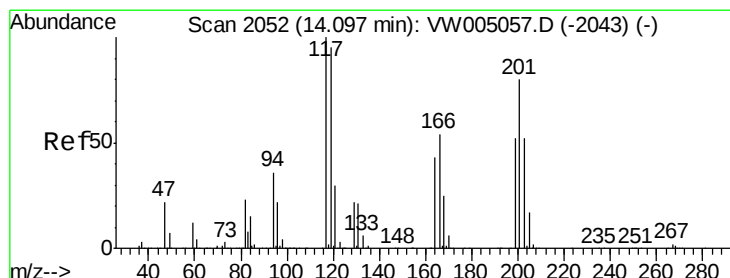
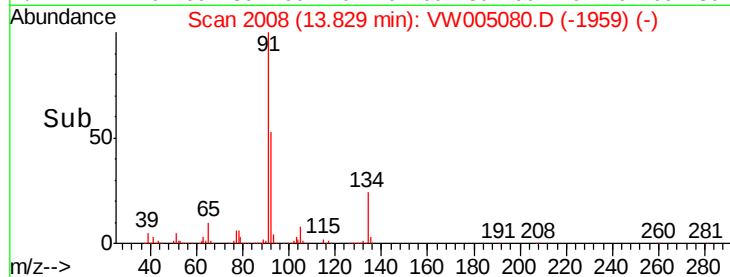
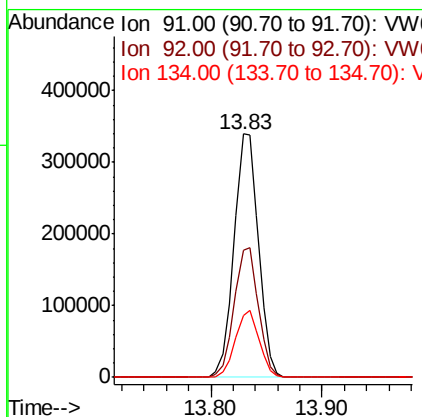
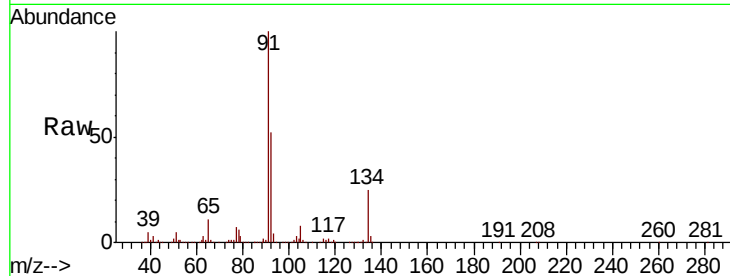
#89
n-Butylbenzene
Concen: 21.35 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	26.5	13.5	40.4

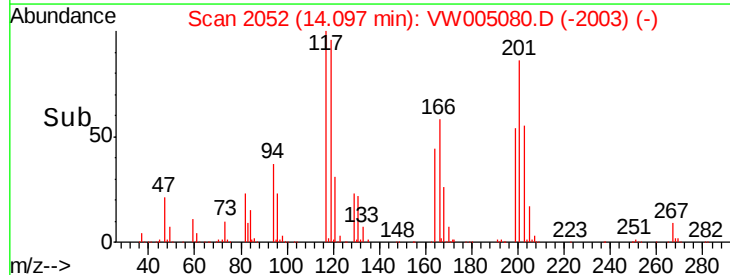
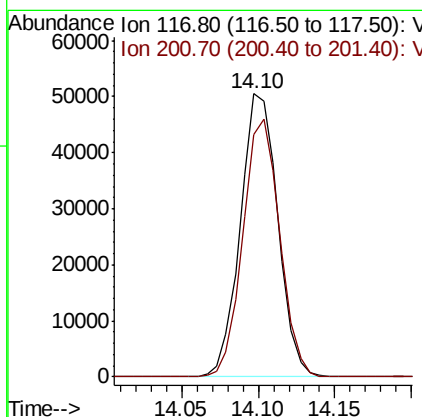
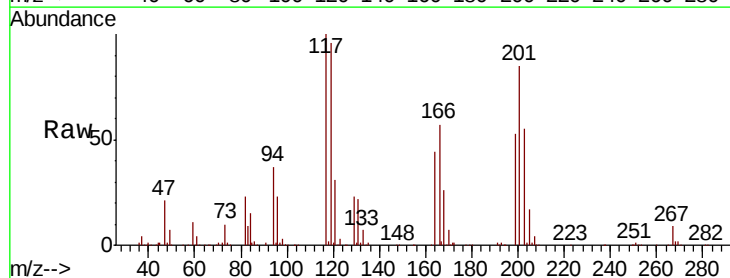
Manual Integrations
APPROVED

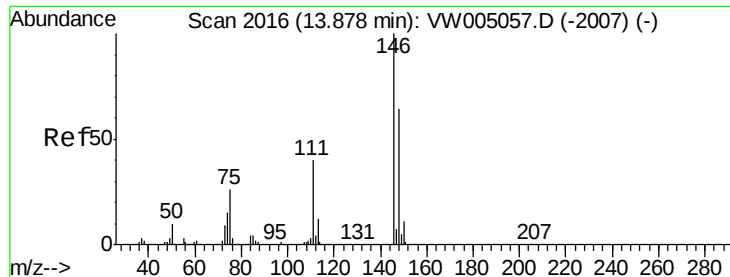
apatel
9/5/2018 10:02:19 AM



#90
Hexachloroethane
Concen: 19.87 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.6	133.8





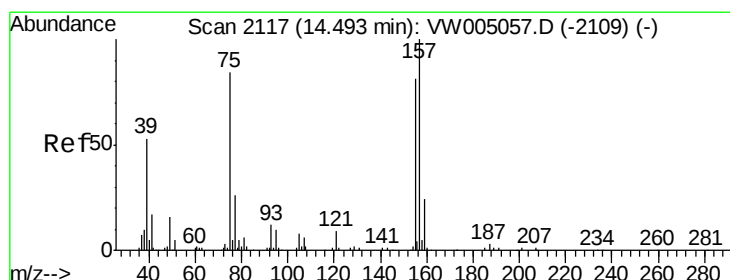
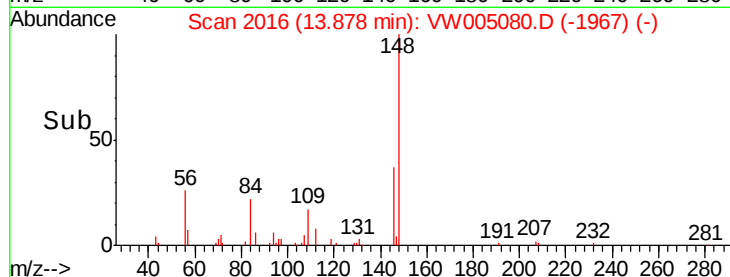
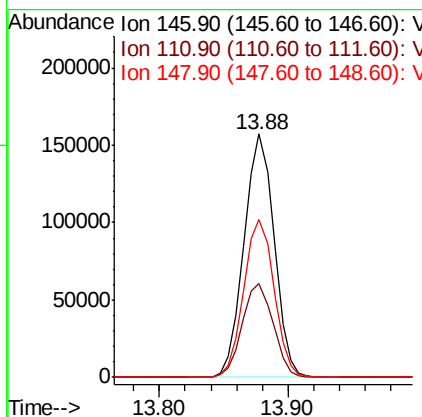
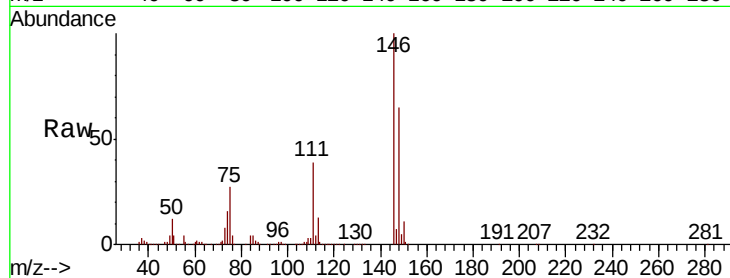
#91
 1,2-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.9	59.7#
148	65.3	31.9	95.9

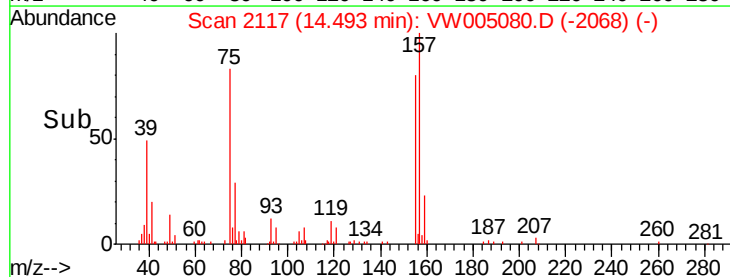
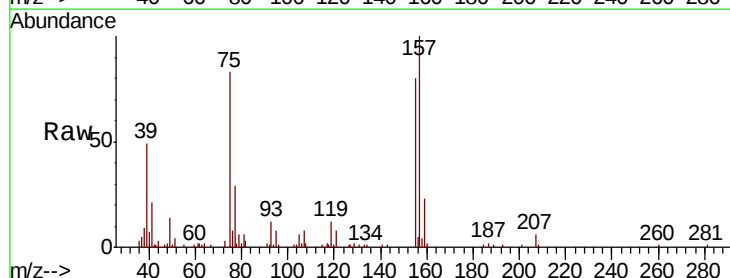
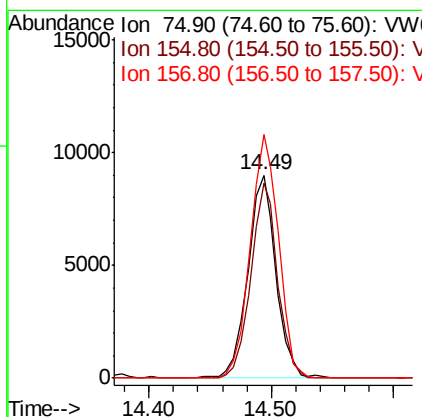
Manual Integrations
 APPROVED

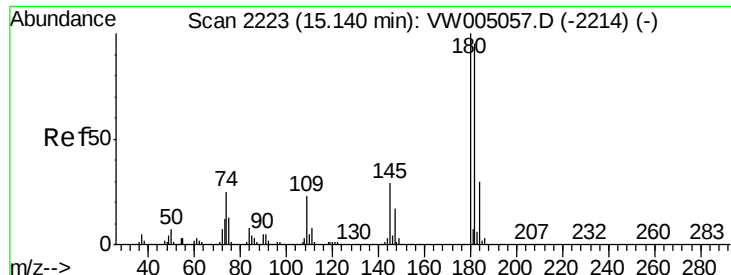
apatel
 9/5/2018 10:02:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.74 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	46.0	137.8
157	121.1	58.6	175.7





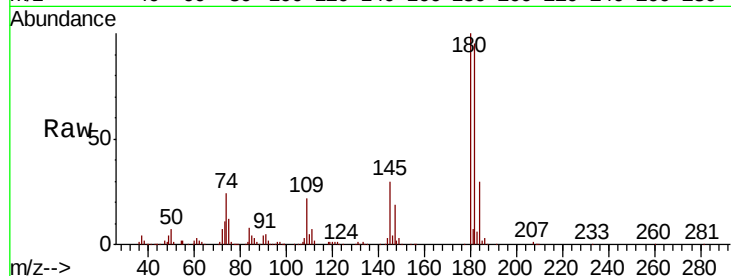
#93
 1,2,4-Trichlorobenzene
 Concen: 22.77 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187126		
182	94.5	47.5	142.6	
145	28.8	14.4	43.2	

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:19 AM

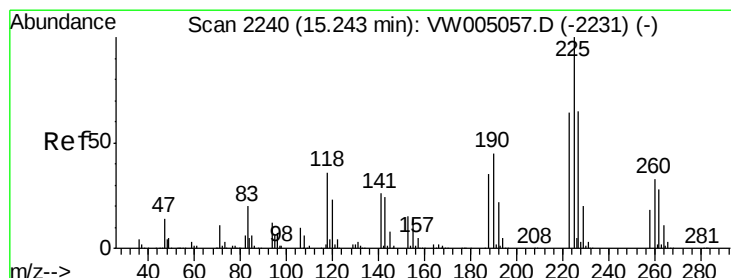
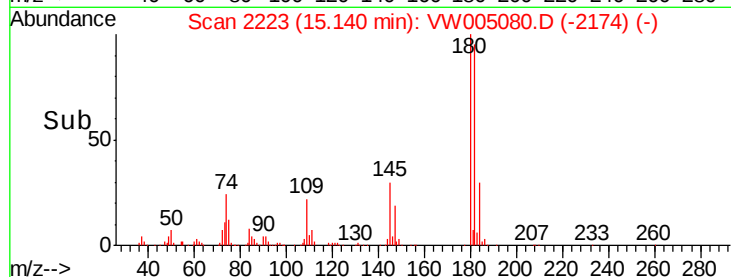
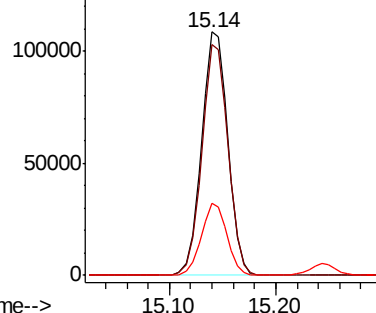


Abundance

Ion 179.80 (179.50 to 180.50): V

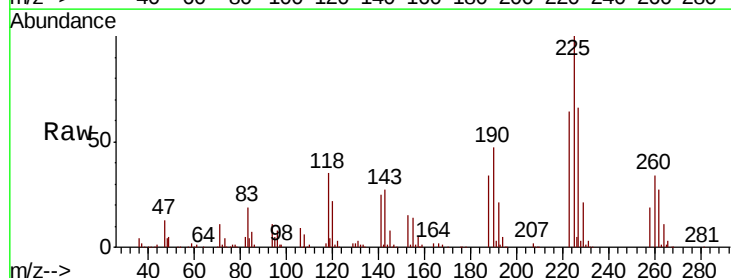
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.14 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005080.D
 Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113140		
223	63.5	31.4	94.3	
227	64.6	32.0	96.0	

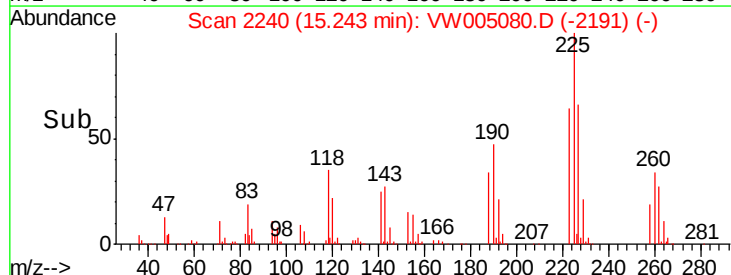
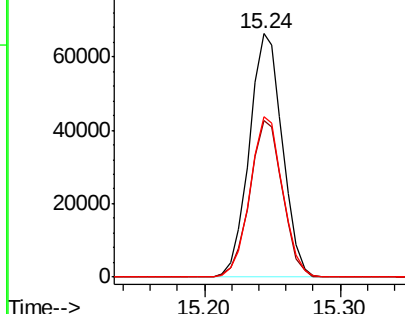


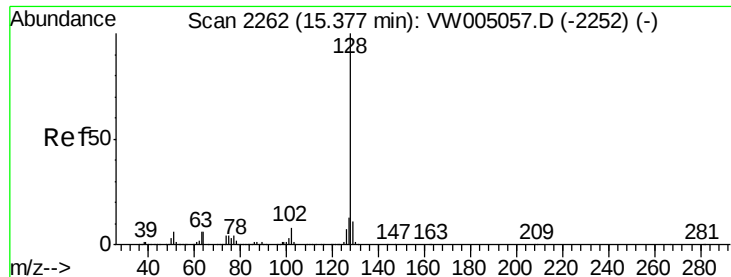
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





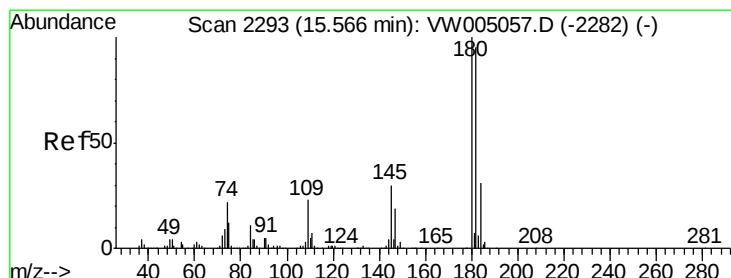
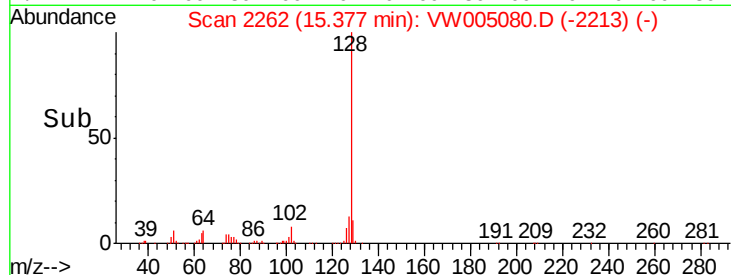
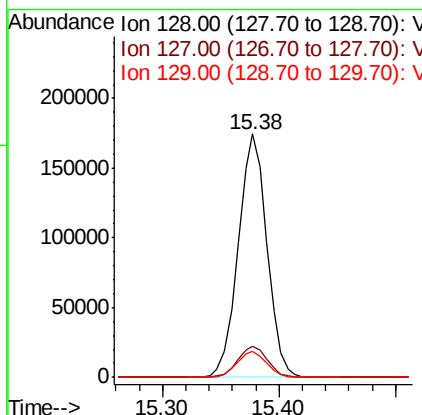
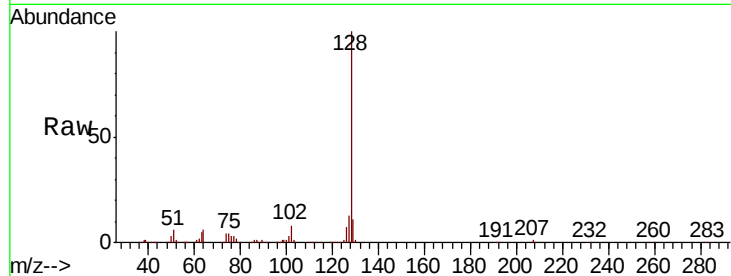
#95
Naphthalene
Concen: 23.42 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	300060		
127	13.2		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.92 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005080.D
Acq: 04 Sep 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	161166		
182	96.1		47.4	142.3
145	30.1		15.4	46.1

