

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006679.D
 Acq On : 06 Nov 2018 11:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:07 PM

Quant Time: Nov 06 14:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	101699	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	
35) Dibromofluoromethane	7.88	113	112870	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	430524	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	155476	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66835	48.467	ug/l	99
3) Chloromethane	2.21	50	76345	44.746	ug/l	99
4) Vinyl Chloride	2.37	62	115228	48.368	ug/l	99
5) Bromomethane	2.79	94	93387	46.709	ug/l	99
6) Chloroethane	2.93	64	82404	49.505	ug/l	98
7) Trichlorofluoromethane	3.26	101	111535	53.017	ug/l	96
8) Diethyl Ether	3.68	74	49483	43.029	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116647	51.924	ug/l	99
10) Methyl Iodide	4.26	142	189067	46.416	ug/l	100
11) Tert butyl alcohol	5.24	59	25575	207.591	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	108557	50.032	ug/l	95
13) Acrolein	3.90	56	34452	222.342	ug/l	98
14) Allyl chloride	4.67	41	139474	49.245	ug/l	99
15) Acrylonitrile	5.38	53	93102	225.788	ug/l	100
16) Acetone	4.15	43	97594	264.364	ug/l	98
17) Carbon Disulfide	4.37	76	313096	50.708	ug/l	100
18) Methyl Acetate	4.68	43	46025	43.356	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	145592	45.079	ug/l	98
20) Methylene Chloride	4.91	84	112228	46.490	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122211	49.777	ug/l	97
22) Diisopropyl ether	6.31	45	280820	47.560	ug/l	98
23) Vinyl Acetate	6.26	43	782618	239.016	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195260	48.794	ug/l	100
25) 2-Butanone	7.18	43	123487	234.416	ug/l	99
26) 2,2-Dichloropropane	7.16	77	132070	54.788	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133040	48.435	ug/l	99
28) Bromochloromethane	7.51	49	73541	46.281	ug/l	99
29) Tetrahydrofuran	7.54	42	71871	216.913	ug/l	98
30) Chloroform	7.68	83	212392	48.410	ug/l	98
31) Cyclohexane	7.96	56	178535	49.019	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190531	51.321	ug/l	100
36) 1,1-Dichloropropene	8.09	75	170891	53.758	ug/l	99
37) Ethyl Acetate	7.26	43	52986	48.098	ug/l	98
38) Carbon Tetrachloride	8.07	117	185693	55.903	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006679.D
 Acq On : 06 Nov 2018 11:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:07 PM

Quant Time: Nov 06 14:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226823	56.226	ug/l	99
40) Benzene	8.32	78	474226	52.521	ug/l	100
41) Methacrylonitrile	7.49	41	29621	43.849	ug/l	93
42) 1,2-Dichloroethane	8.40	62	126742	48.945	ug/l	100
43) Isopropyl Acetate	8.43	43	104280	47.437	ug/l	99
44) Trichloroethene	9.09	130	148130	53.164	ug/l	100
45) 1,2-Dichloropropane	9.37	63	109827	52.266	ug/l	100
46) Dibromomethane	9.46	93	60701	49.142	ug/l	99
47) Bromodichloromethane	9.65	83	151050	52.666	ug/l	99
48) Methyl methacrylate	9.44	41	50074	47.279	ug/l	97
49) 1,4-Dioxane	9.49	88	17619	974.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	269658	238.846	ug/l	100
52) Toluene	10.39	92	318671	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146795	53.182	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174439	53.479	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87877	50.141	ug/l	94
56) Ethyl methacrylate	10.65	69	97503	48.947	ug/l	98
57) 1,3-Dichloropropane	10.93	76	141512	49.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	233969	241.623	ug/l	100
59) 2-Hexanone	10.98	43	194932	254.212	ug/l	100
60) Dibromochloromethane	11.13	129	108883	52.436	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86541	49.724	ug/l	100
64) Tetrachloroethene	10.87	164	132579	49.905	ug/l	98
65) Chlorobenzene	11.66	112	367076	52.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	128765	52.239	ug/l	98
67) Ethyl Benzene	11.74	91	631446	53.869	ug/l	100
68) m/p-Xylenes	11.85	106	508249	108.526	ug/l	100
69) o-Xylene	12.17	106	236727	53.096	ug/l	99
70) Styrene	12.19	104	390142	53.673	ug/l	100
71) Bromoform	12.35	173	68708	52.584	ug/l #	99
73) Isopropylbenzene	12.47	105	671703	52.313	ug/l	100
74) N-amyl acetate	12.28	43	103913	46.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	98644	48.642	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62592m	41.158	ug/l	
77) Bromobenzene	12.75	156	166021	49.939	ug/l	99
78) n-propylbenzene	12.81	91	790222	53.506	ug/l	100
79) 2-Chlorotoluene	12.90	91	436654	51.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569547	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27991	47.790	ug/l	98
82) 4-Chlorotoluene	12.99	91	458845	51.170	ug/l	100
83) tert-Butylbenzene	13.21	119	508448	52.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	578272	52.263	ug/l	99
85) sec-Butylbenzene	13.39	105	728129	54.043	ug/l	100
86) p-Isopropyltoluene	13.51	119	661709	53.976	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339614	51.872	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332773	51.277	ug/l	99
89) n-Butylbenzene	13.83	91	600152	55.148	ug/l	100
90) Hexachloroethane	14.10	117	110683	54.933	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	294810	50.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15115	45.933	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006679.D
Acq On : 06 Nov 2018 11:46
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

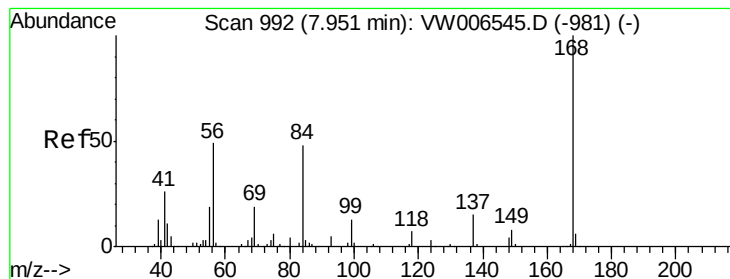
Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM

Quant Time: Nov 06 14:54:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	220358	50.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	144693	53.016	ug/l	99
95) Naphthalene	15.38	128	341094	48.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187466	48.709	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 266006

Ion Ratio Lower Upper

168 100

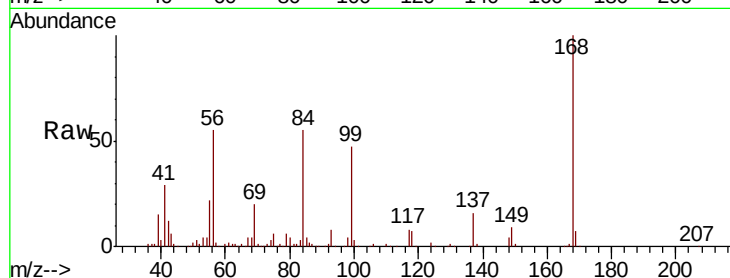
99 47.1 37.4 56.0

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

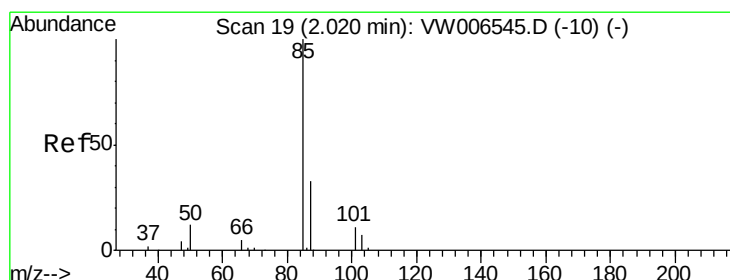
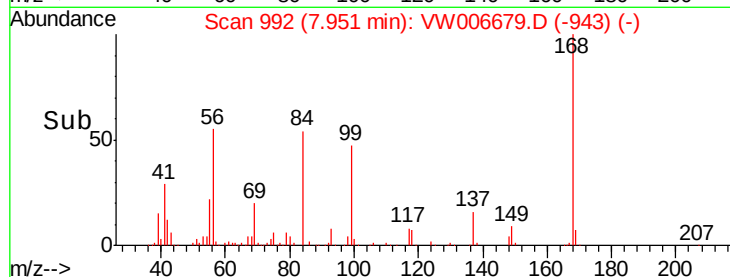
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.467 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006679.D

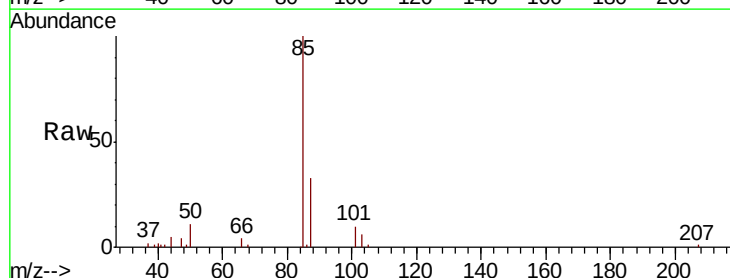
Acq: 06 Nov 2018 11:46

Tgt Ion: 85 Resp: 66835

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

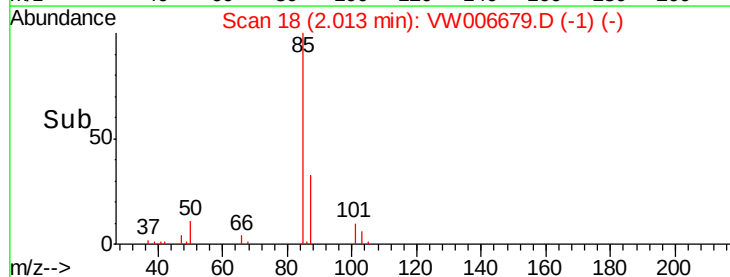
15000

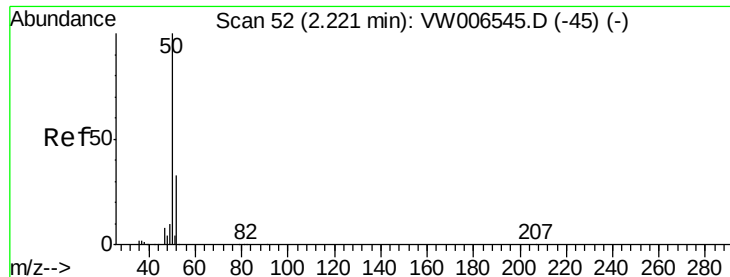
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.746 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 76345

Ion Ratio Lower Upper

50 100

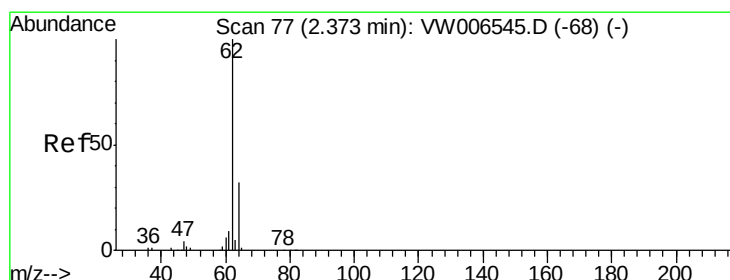
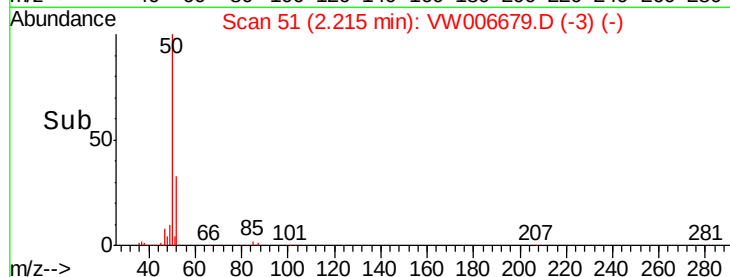
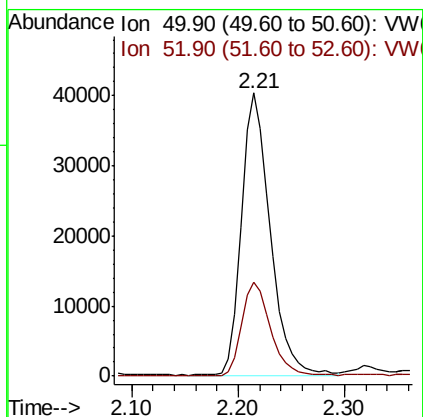
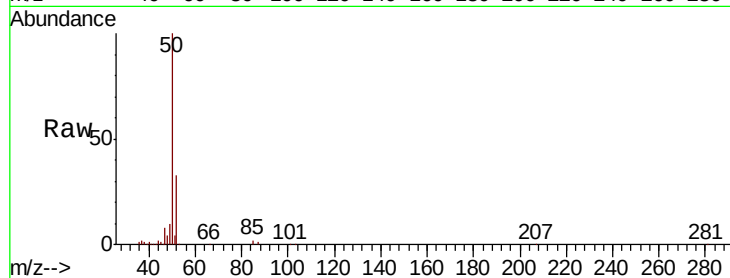
52 33.1 26.2 39.4

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#4

Vinyl Chloride

Concen: 48.368 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006679.D

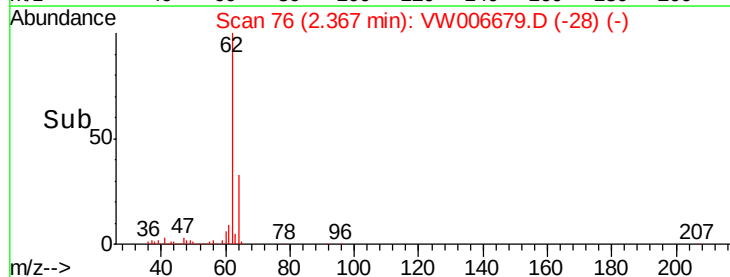
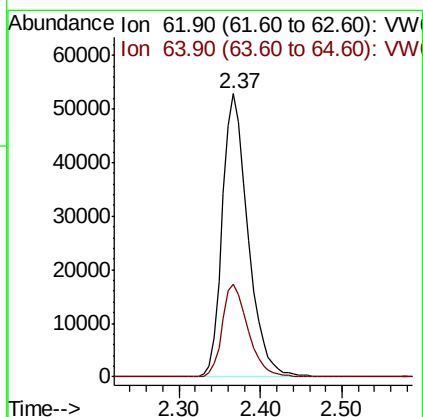
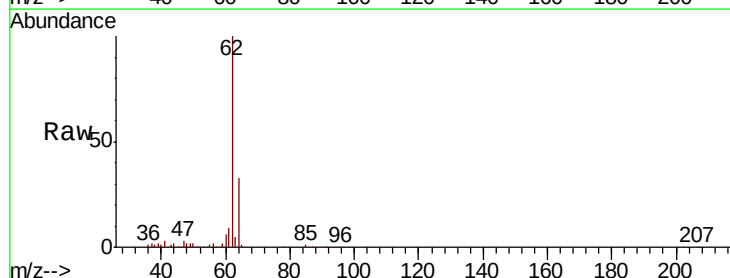
Acq: 06 Nov 2018 11:46

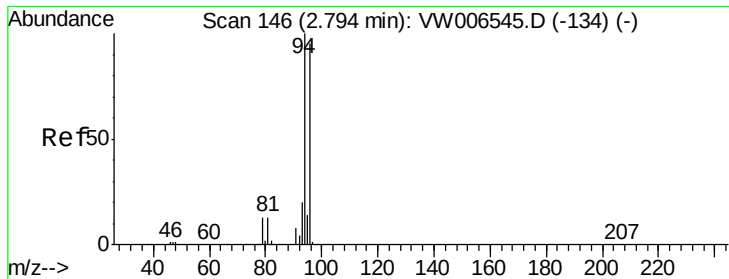
Tgt Ion: 62 Resp: 115228

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 46.709 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 93387

Ion Ratio Lower Upper

94 100

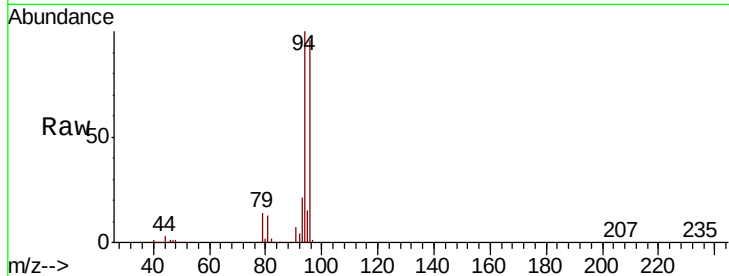
96 95.6 75.7 113.5

Manual Integrations

APPROVED

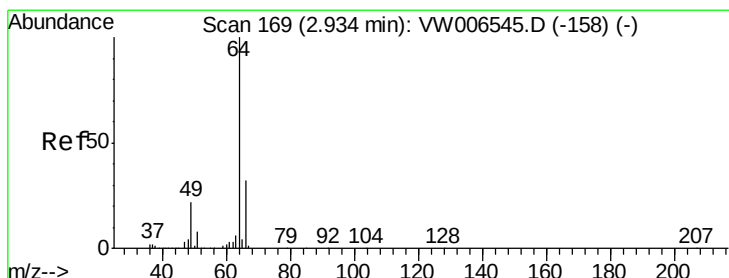
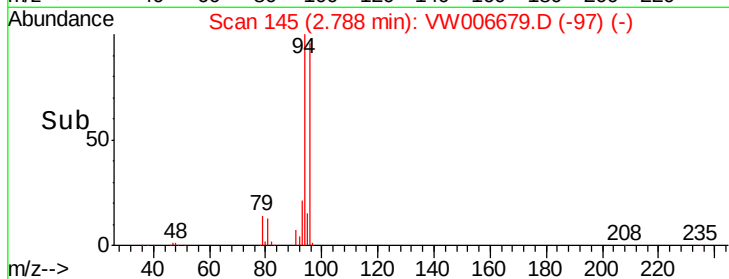
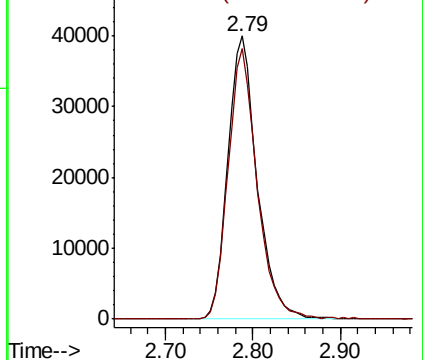
apatel

11/7/2018 2:06:07 PM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.505 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006679.D

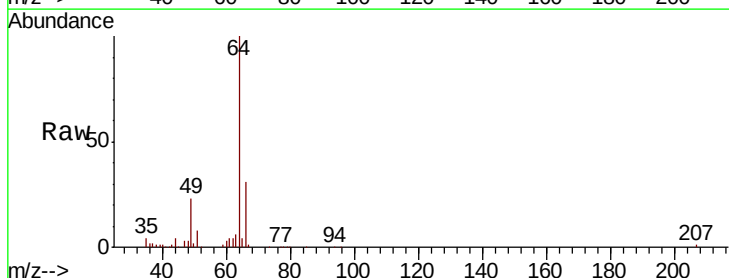
Acq: 06 Nov 2018 11:46

Tgt Ion: 64 Resp: 82404

Ion Ratio Lower Upper

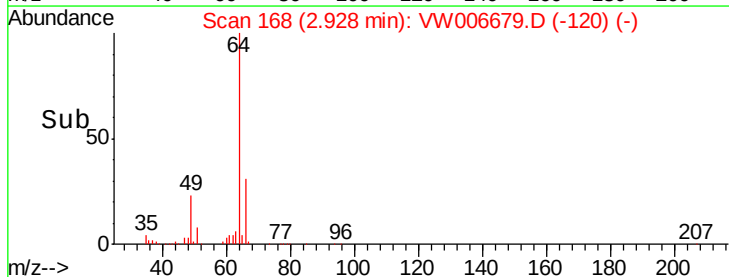
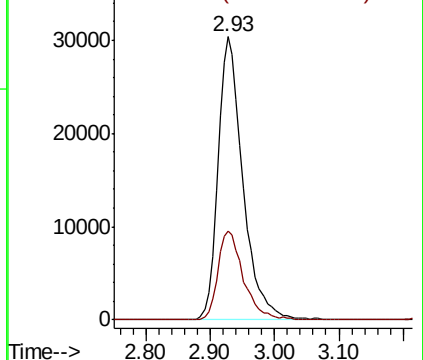
64 100

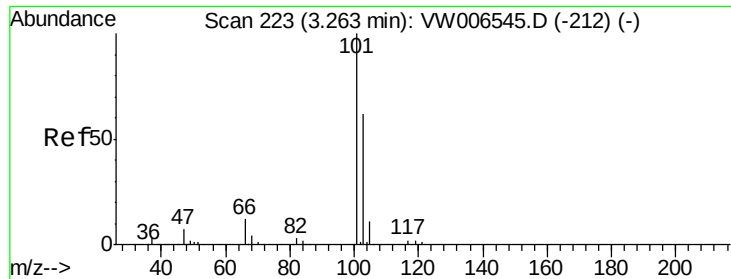
66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

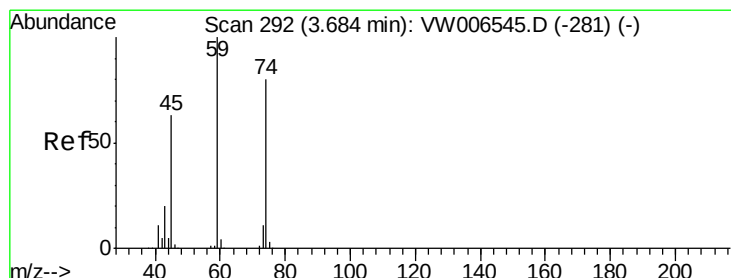
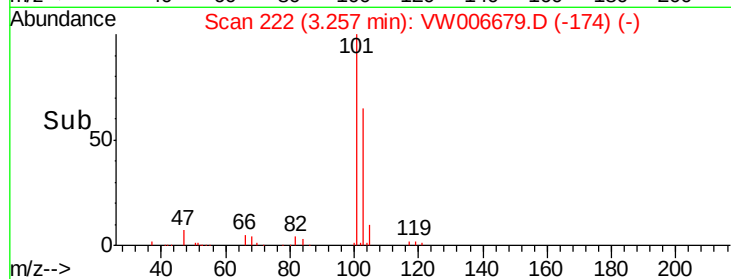
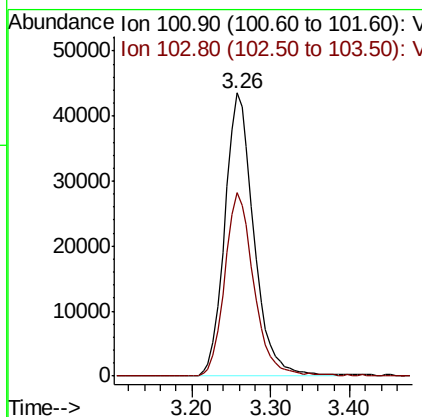
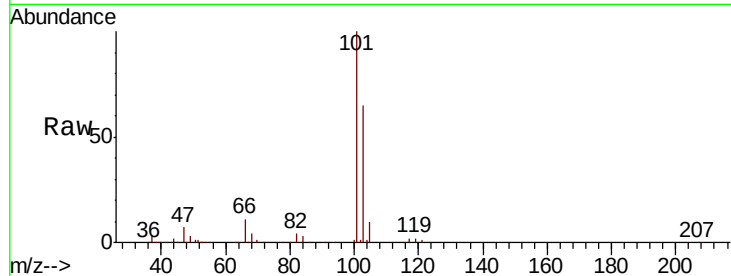
Trichlorofluoromethane
 Concen: 53.017 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	49.8	74.8

Manual Integrations
 APPROVED

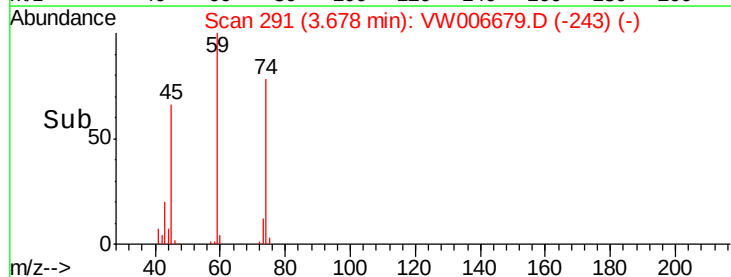
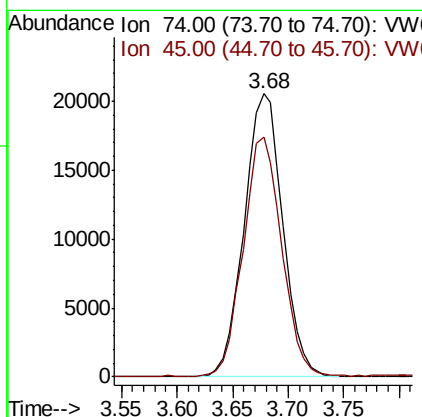
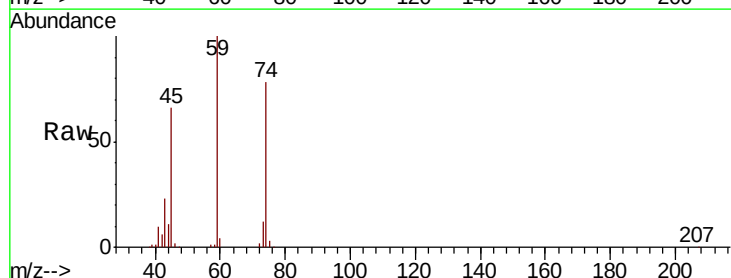
apatel
 11/7/2018 2:06:07 PM

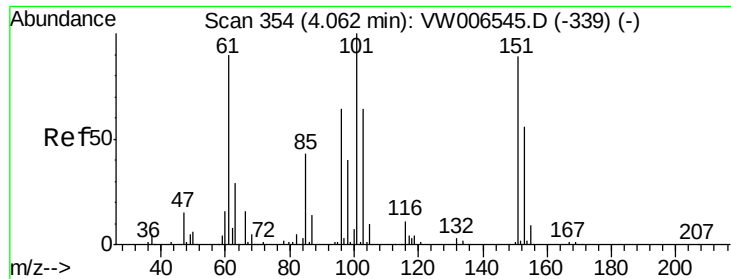


#8

Diethyl Ether
 Concen: 43.029 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.8	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.924 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

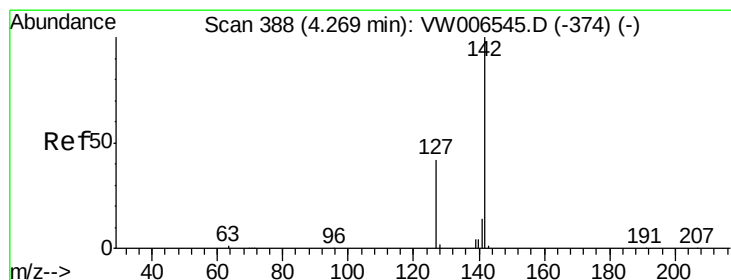
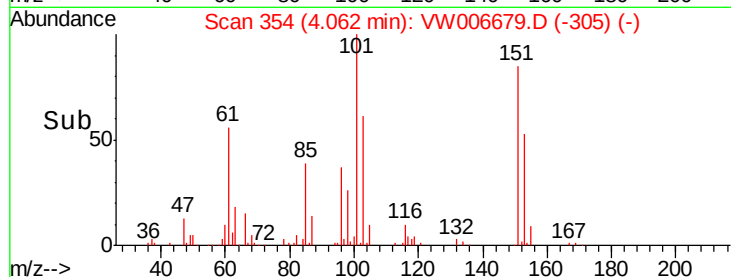
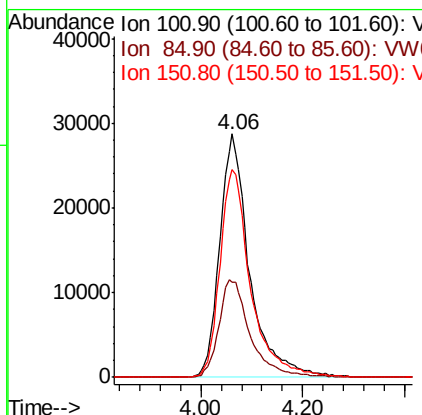
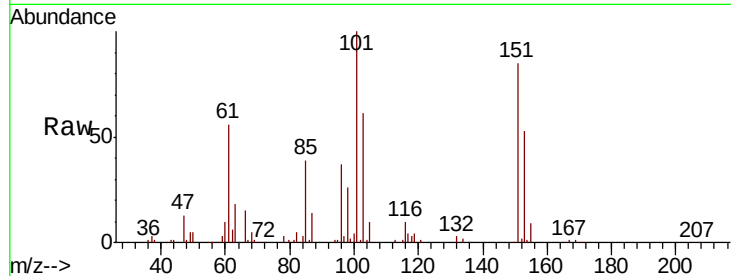
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116647
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.2
151	88.0	70.7	106.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#10

Methyl Iodide

Concen: 46.416 ug/l

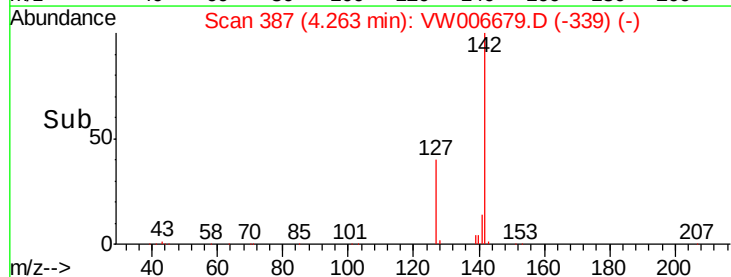
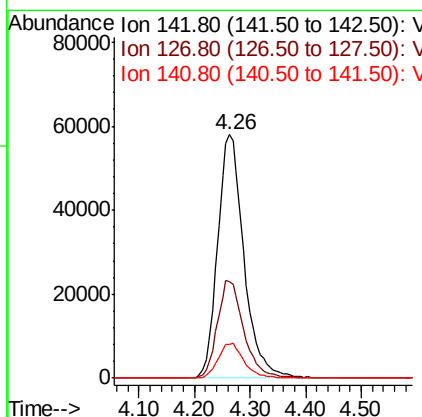
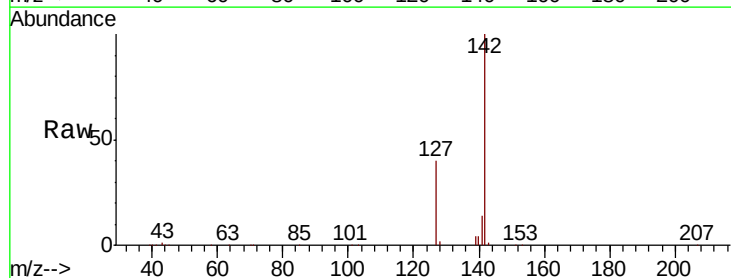
RT: 4.26 min Scan# 387

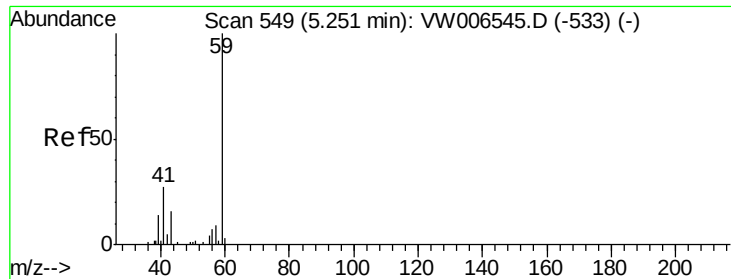
Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	142	Resp:	189067
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.3	48.5
141	14.3	11.3	16.9





#11

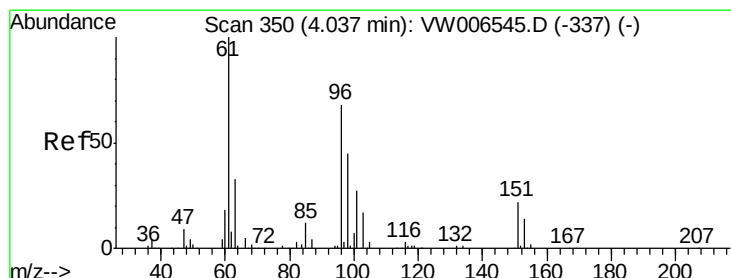
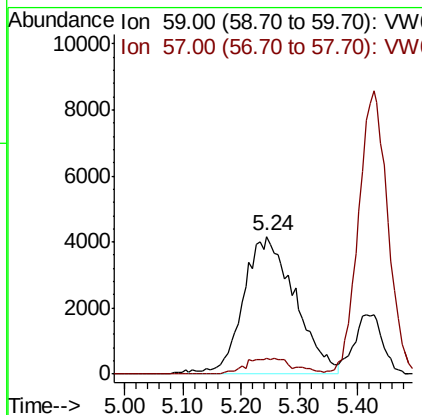
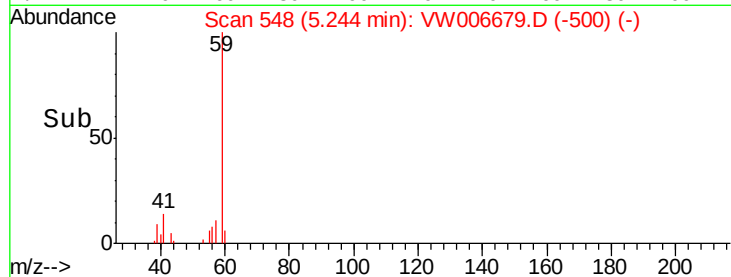
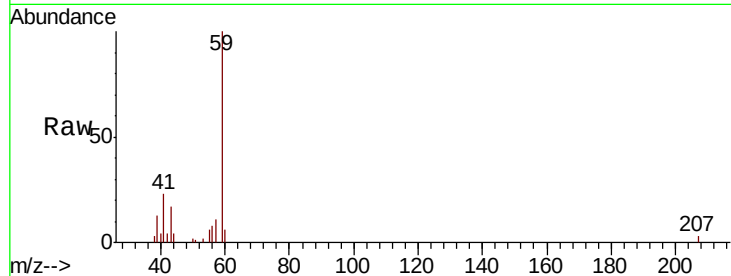
Tert butyl alcohol
Concen: 207.591 ug/l
RT: 5.24 min Scan# 548
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	4.3	6.5#

Manual Integrations
APPROVED

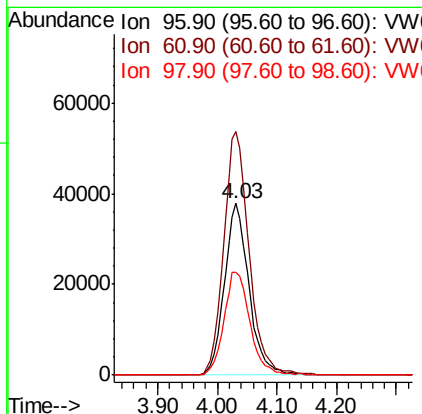
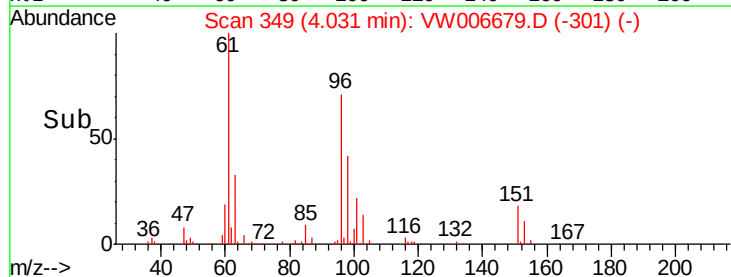
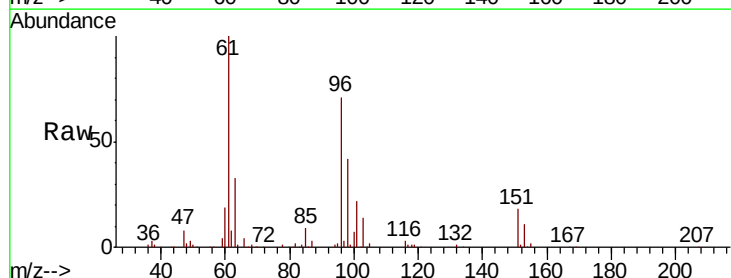
apatel
11/7/2018 2:06:07 PM

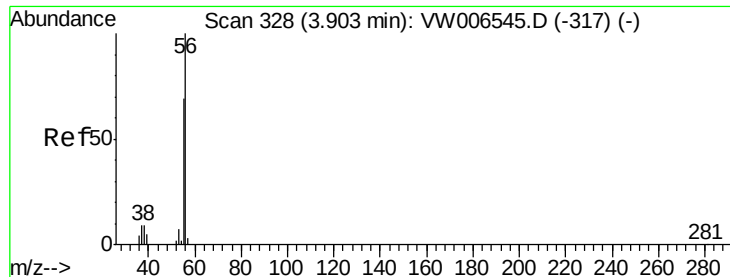


#12

1,1-Dichloroethene
Concen: 50.032 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.7	117.0	175.4
98	60.1	52.5	78.7





#13

Acrolein

Concen: 222.342 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 34452

Ion Ratio Lower Upper

56 100

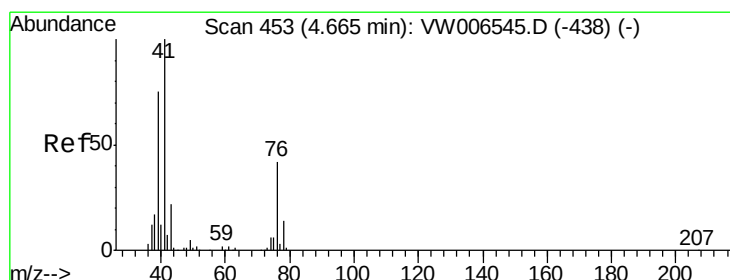
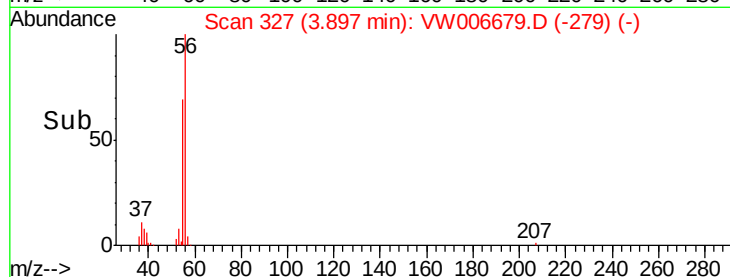
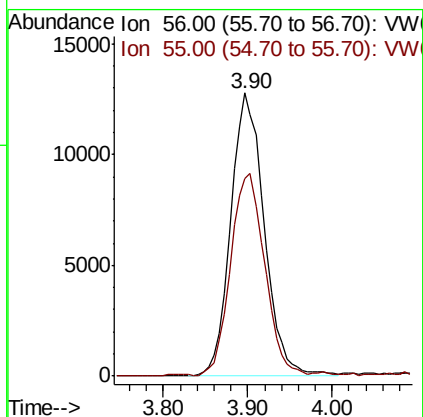
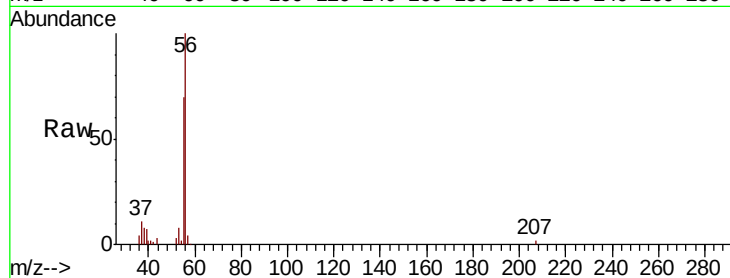
55 73.1 56.9 85.3

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#14

Allyl chloride

Concen: 49.245 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

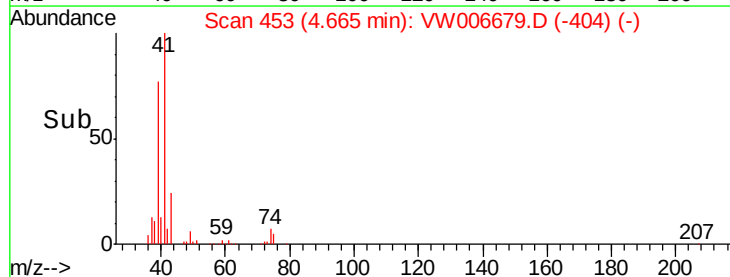
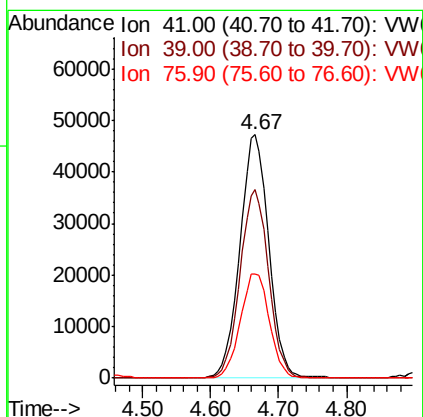
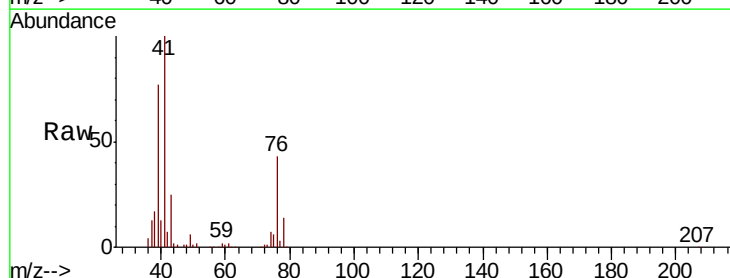
Tgt Ion: 41 Resp: 139474

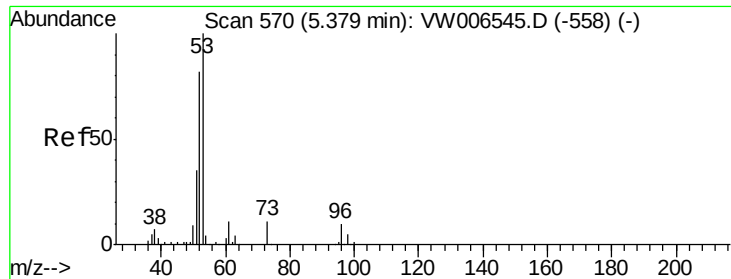
Ion Ratio Lower Upper

41 100

39 76.5 62.1 93.1

76 43.0 34.2 51.2





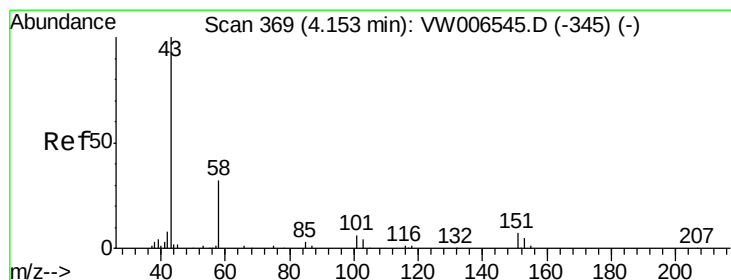
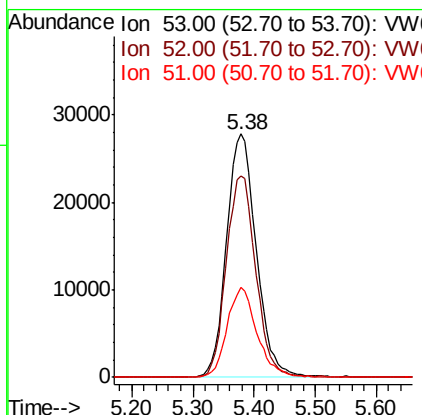
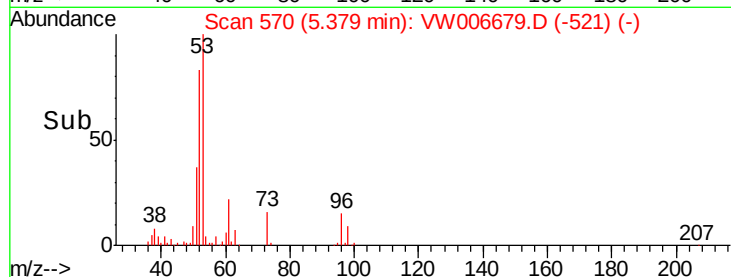
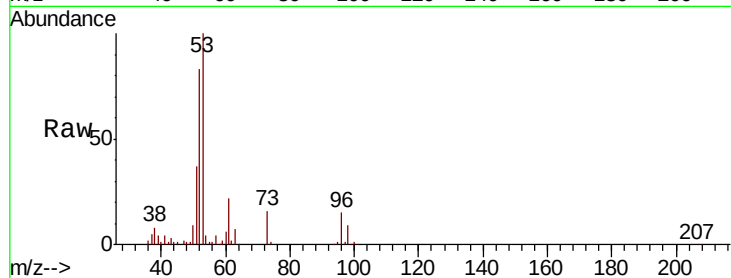
#15
 Acrylonitrile
 Concen: 225.788 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	93102
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.8
51	37.1	29.6	44.4

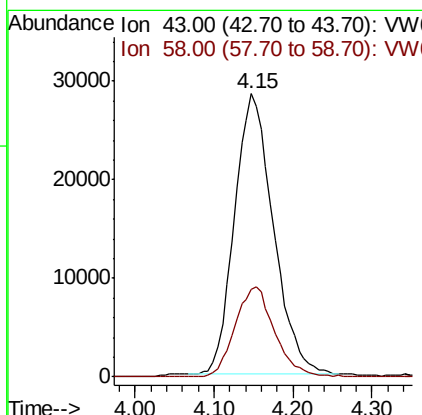
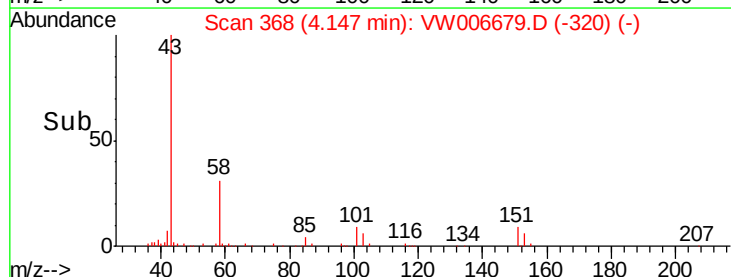
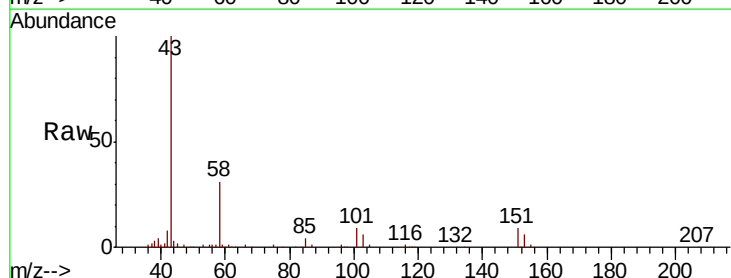
Manual Integrations
 APPROVED

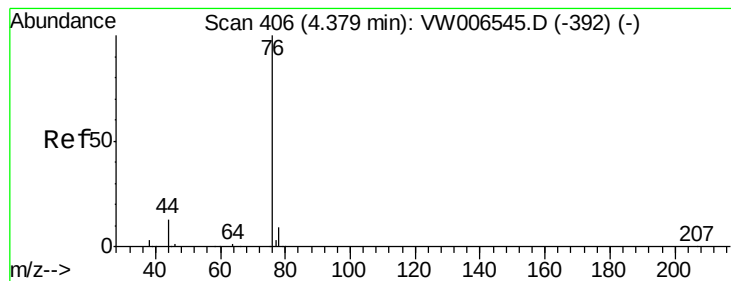
apatel
 11/7/2018 2:06:07 PM



#16
 Acetone
 Concen: 264.364 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion:	43	Resp:	97594
Ion Ratio	Lower	Upper	
43	100		
58	31.1	25.8	38.8





#17

Carbon Disulfide

Concen: 50.708 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 313096

Ion Ratio Lower Upper

76 100

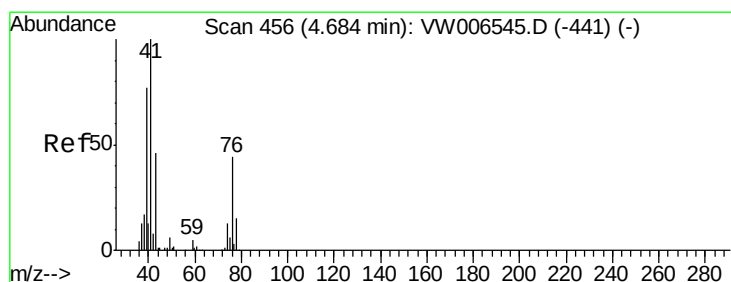
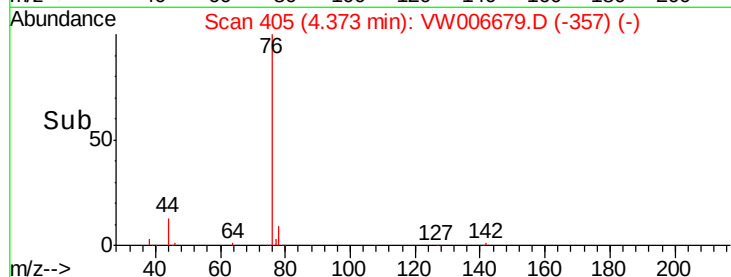
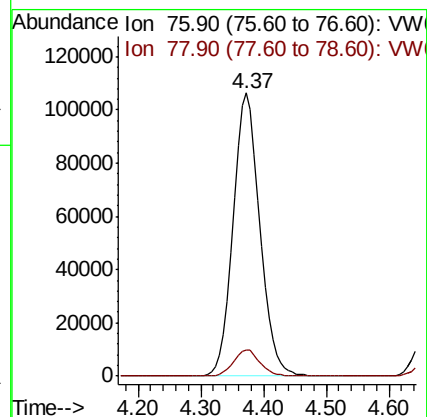
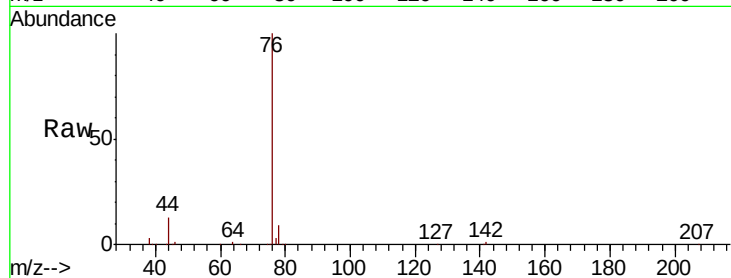
78 9.2 7.3 10.9

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#18

Methyl Acetate

Concen: 43.356 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006679.D

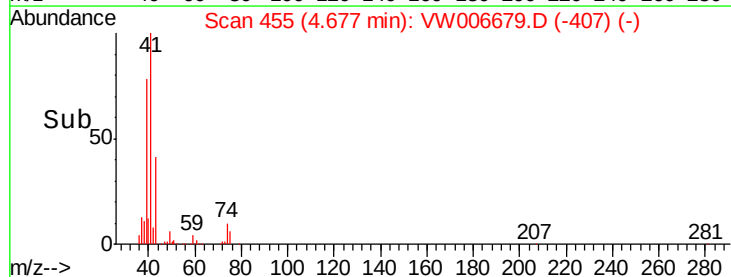
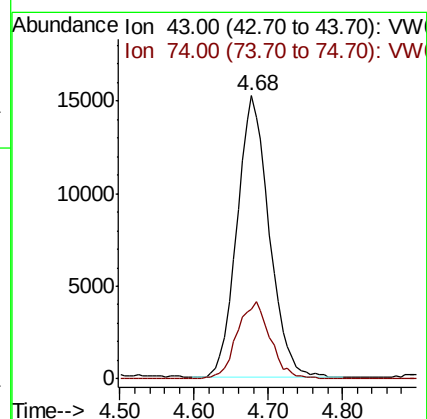
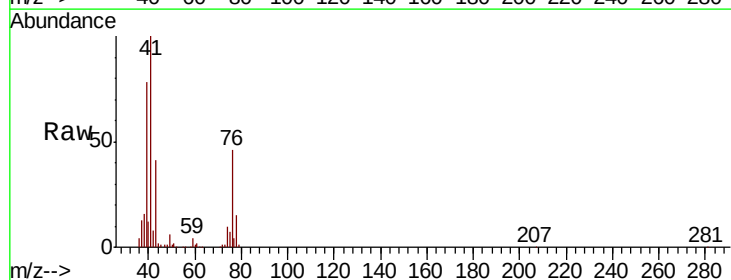
Acq: 06 Nov 2018 11:46

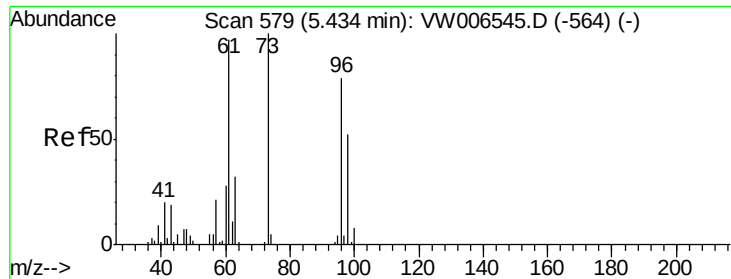
Tgt Ion: 43 Resp: 46025

Ion Ratio Lower Upper

43 100

74 28.2 21.9 32.9





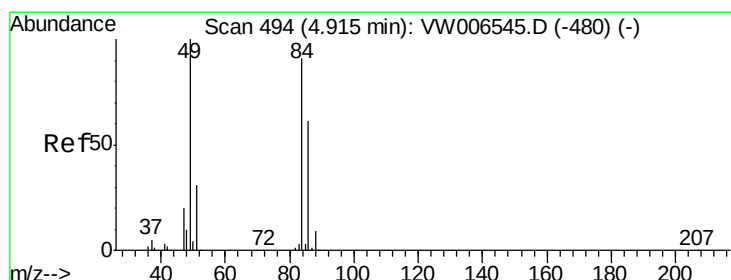
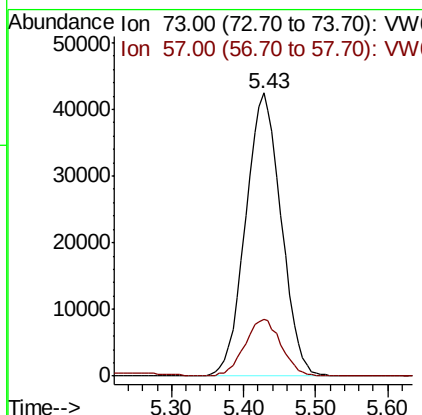
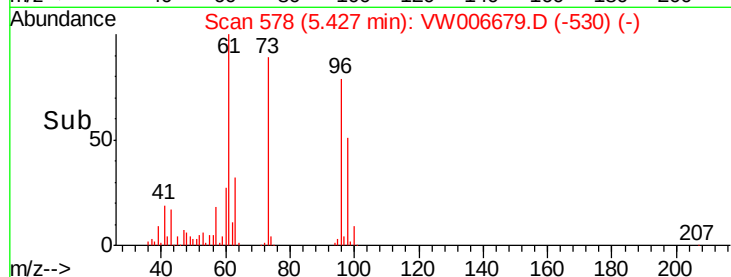
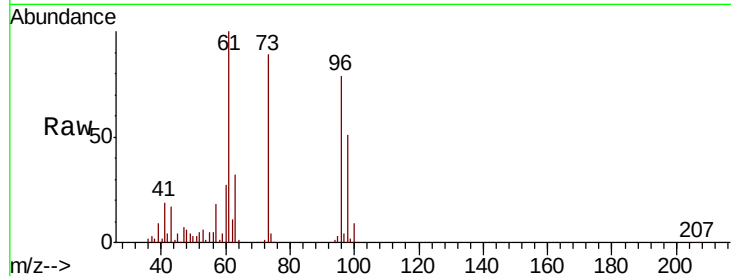
#19
Methyl tert-butyl Ether
Concen: 45.079 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 145592
Ion Ratio Lower Upper
73 100
57 20.2 16.7 25.1

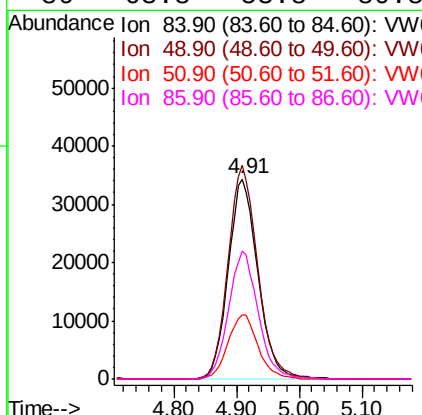
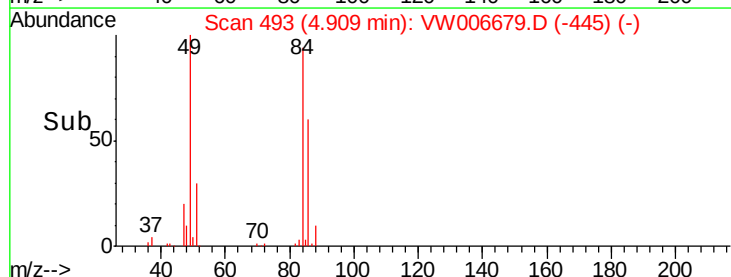
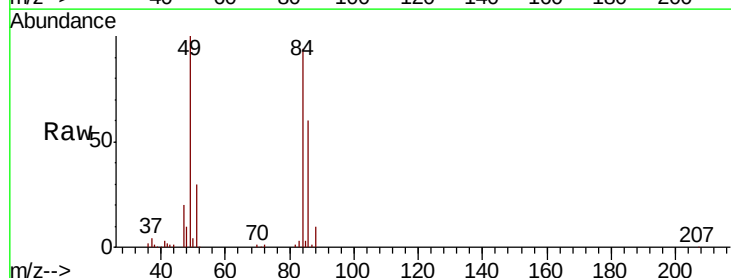
Manual Integrations
APPROVED

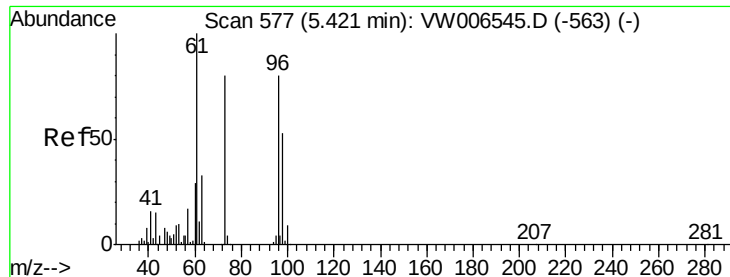
apatel
11/7/2018 2:06:07 PM



#20
Methylene Chloride
Concen: 46.490 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 84 Resp: 112228
Ion Ratio Lower Upper
84 100
49 106.9 88.2 132.4
51 31.9 27.0 40.6
86 63.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.777 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

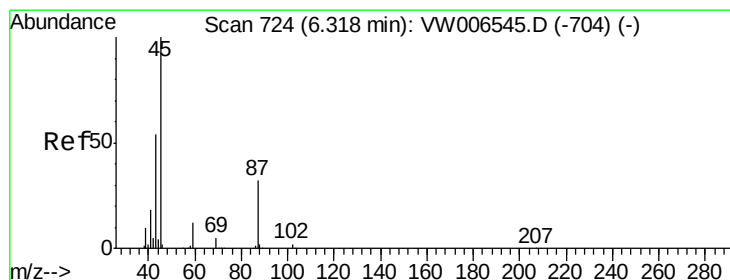
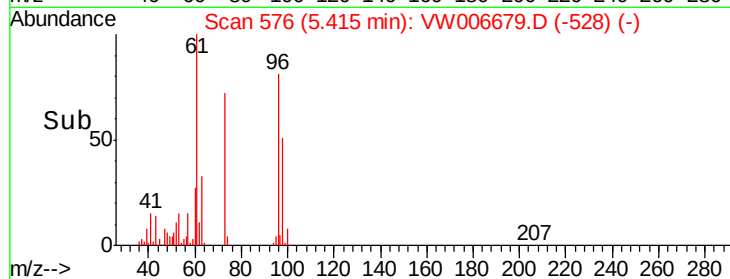
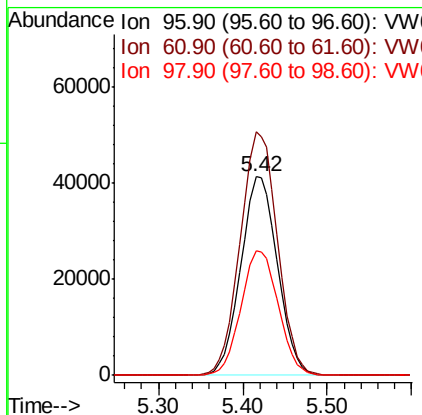
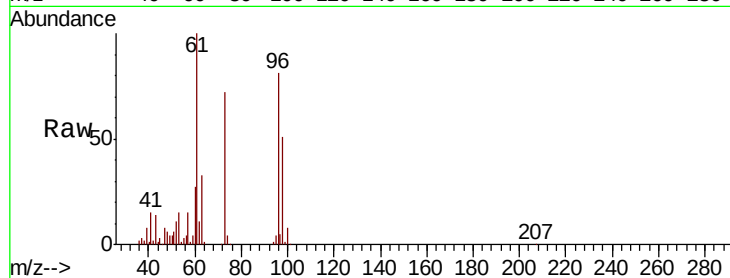
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	122211
Ion Ratio	Lower	Upper	
96	100		
61	122.7	100.6	150.8
98	63.1	52.9	79.3

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#22

Diisopropyl ether

Concen: 47.560 ug/l

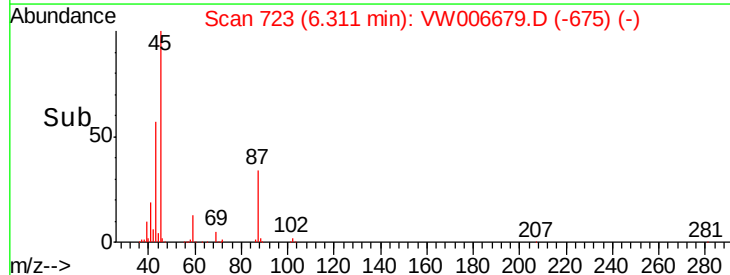
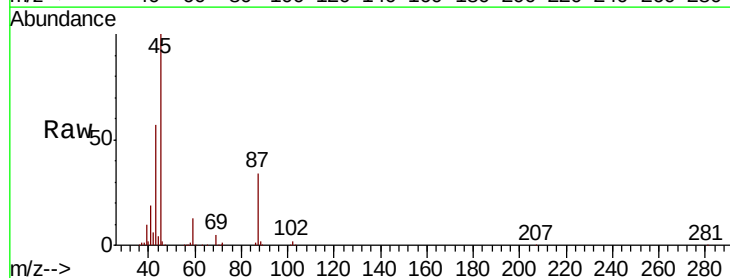
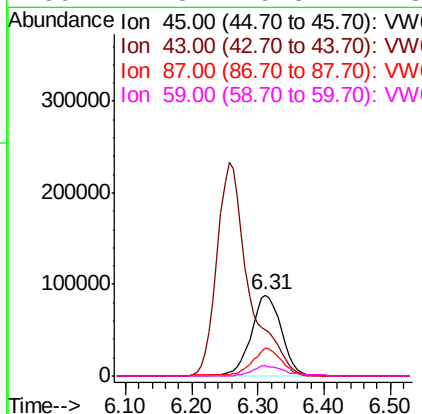
RT: 6.31 min Scan# 723

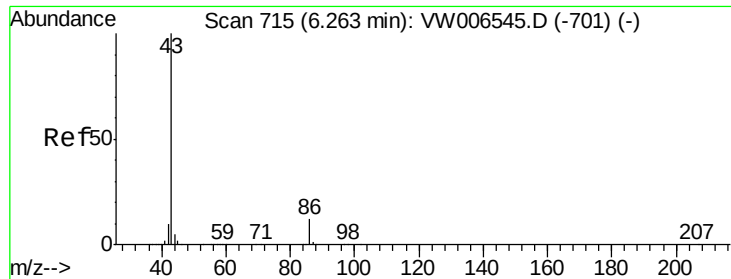
Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	45	Resp:	280820
Ion Ratio	Lower	Upper	
45	100		
43	56.6	43.6	65.4
87	34.1	26.3	39.5
59	12.3	9.8	14.8





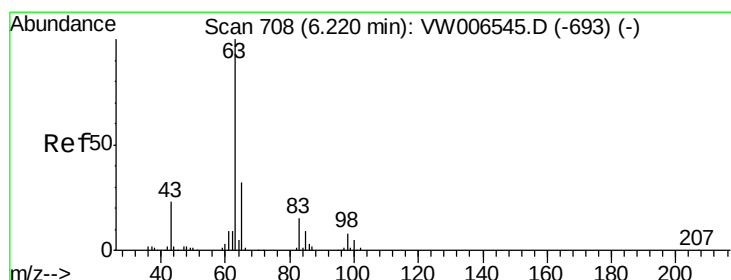
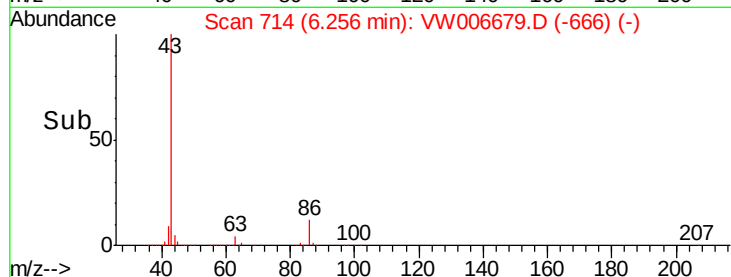
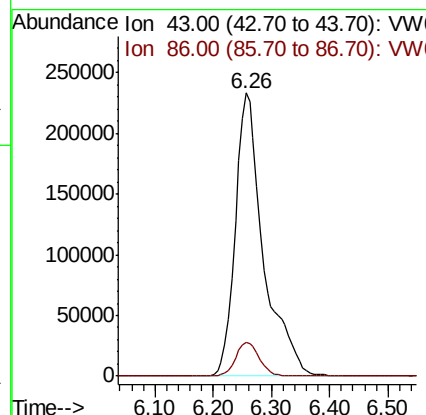
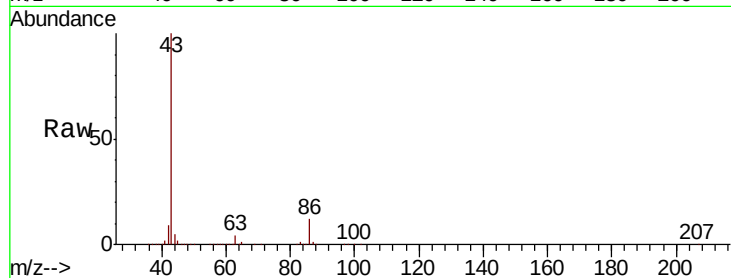
#23
 Vinyl Acetate
 Concen: 239.016 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	782618
Ion Ratio	100	Lower	Upper
43	100		
86	12.2	9.8	14.8

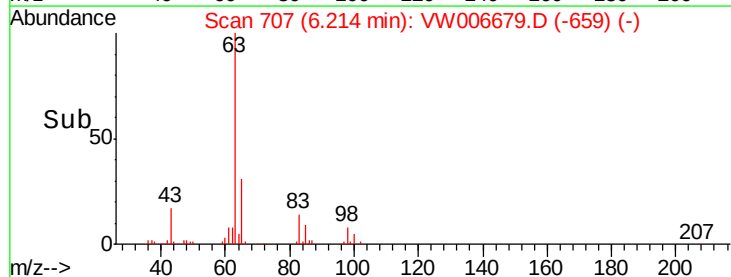
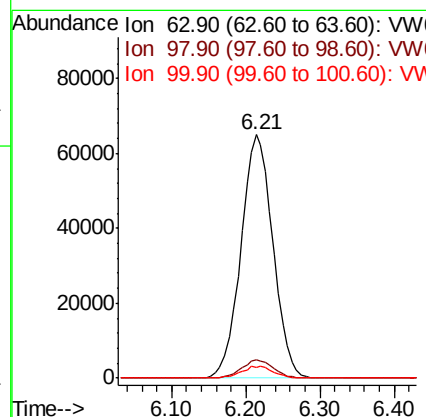
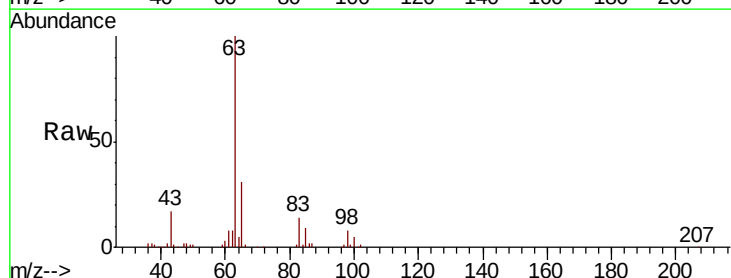
Manual Integrations
 APPROVED

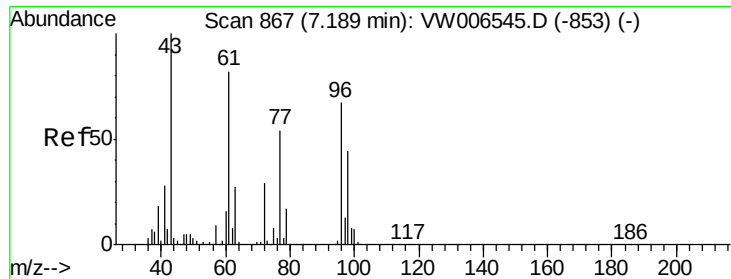
apatel
 11/7/2018 2:06:07 PM



#24
 1,1-Dichloroethane
 Concen: 48.794 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	63	Resp	195260
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.6	2.4	7.2





#25

2-Butanone

Concen: 234.416 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 123487

Ion Ratio Lower Upper

43 100

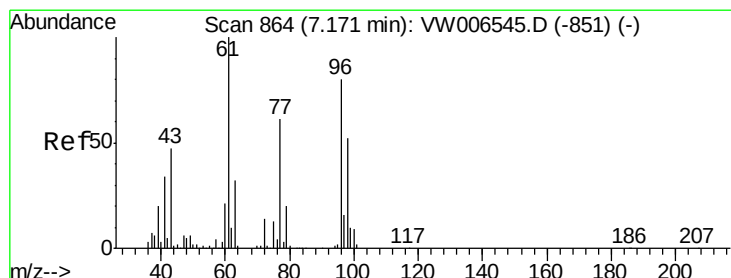
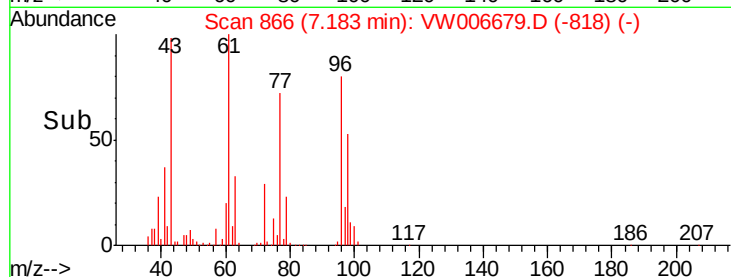
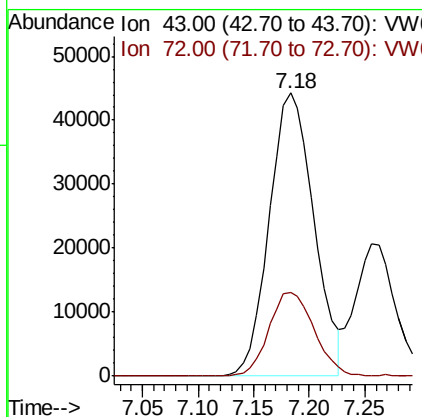
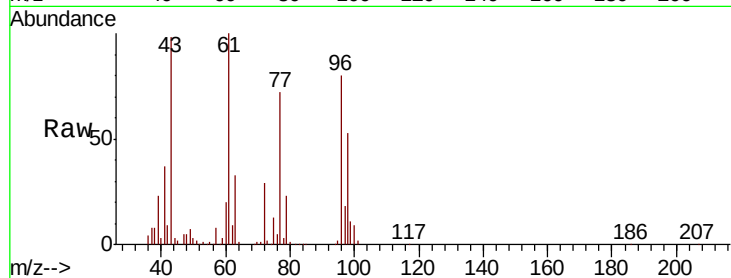
72 29.4 23.2 34.8

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#26

2,2-Dichloropropane

Concen: 54.788 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006679.D

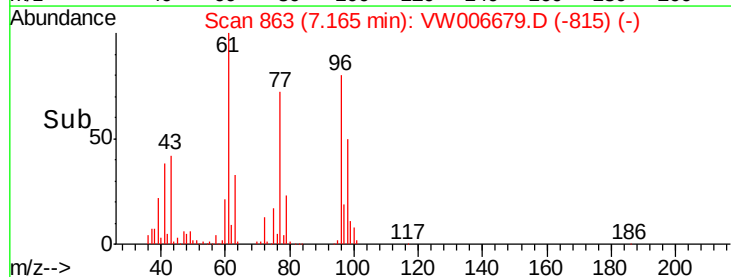
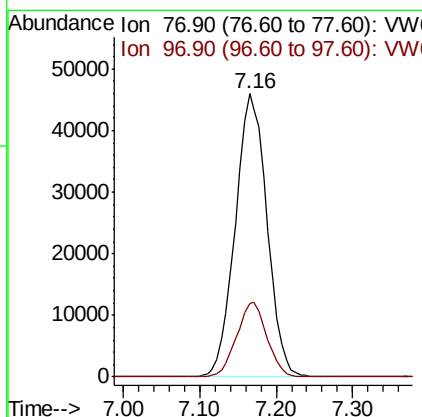
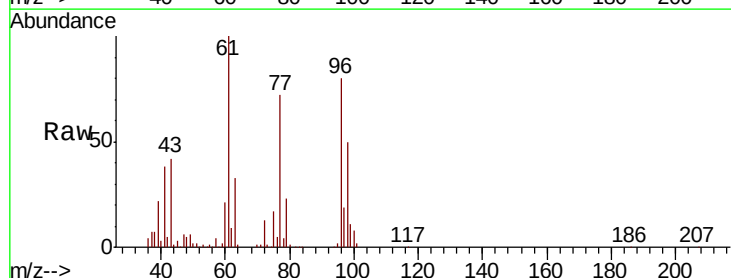
Acq: 06 Nov 2018 11:46

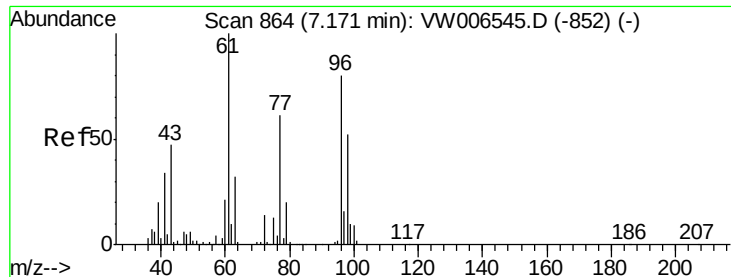
Tgt Ion: 77 Resp: 132070

Ion Ratio Lower Upper

77 100

97 25.2 12.8 38.4





#27

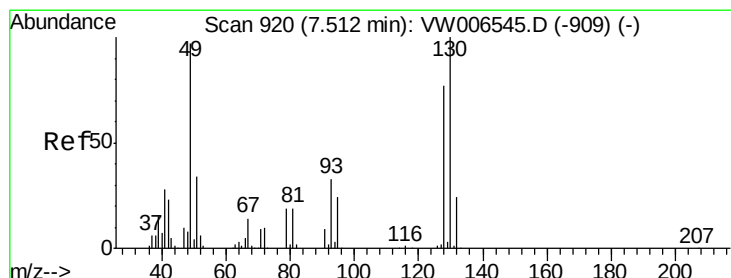
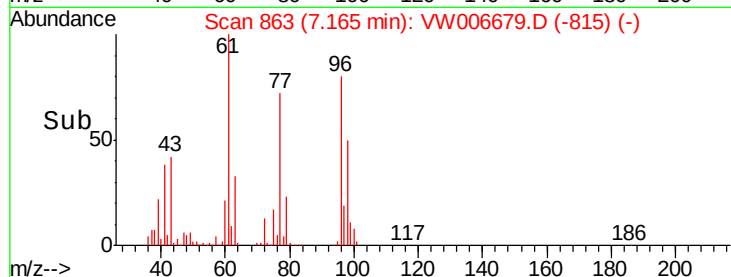
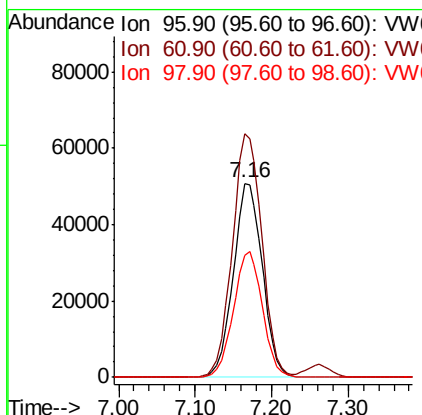
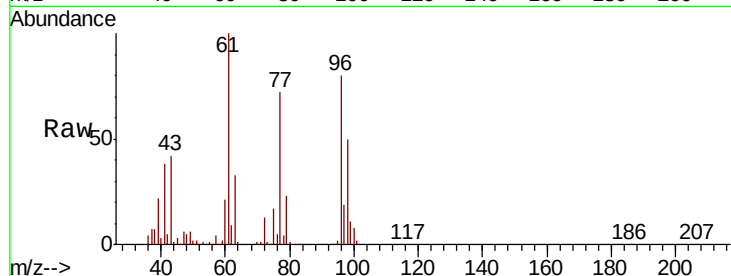
cis-1,2-Dichloroethene
Concen: 48.435 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	254.2
98	64.7	0.0	129.6

Manual Integrations
APPROVED

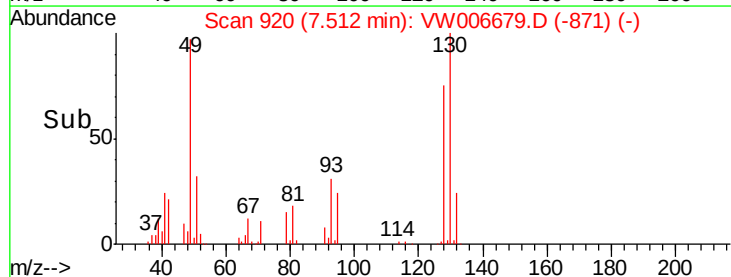
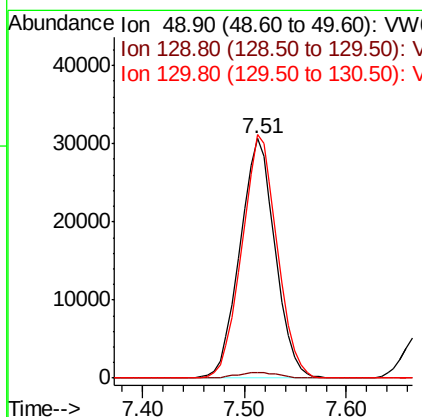
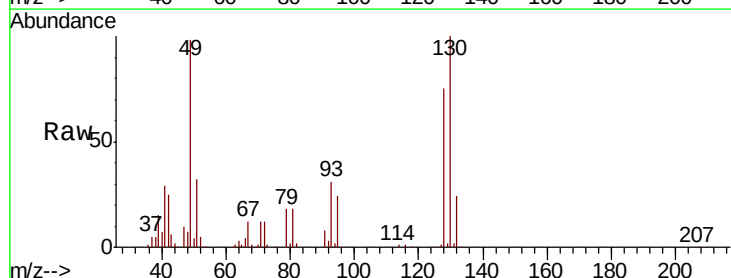
apatel
11/7/2018 2:06:07 PM

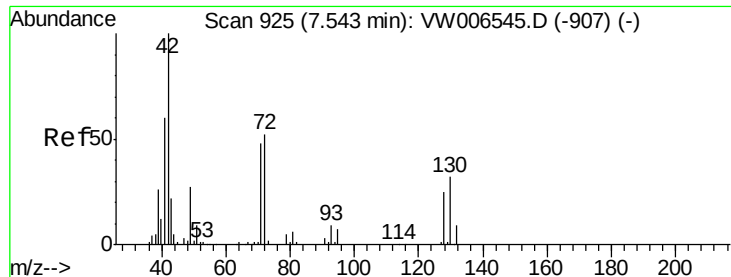


#28

Bromochloromethane
Concen: 46.281 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	101.5	82.2	123.2





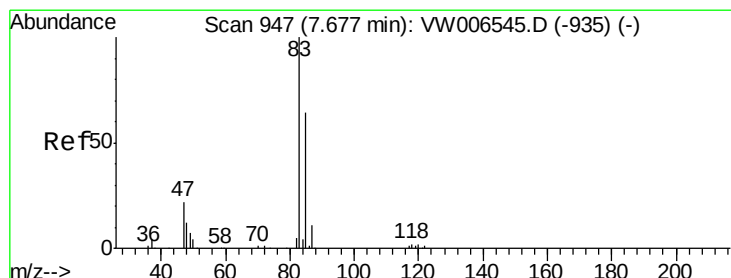
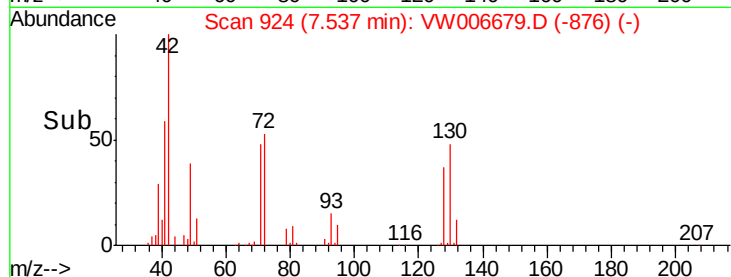
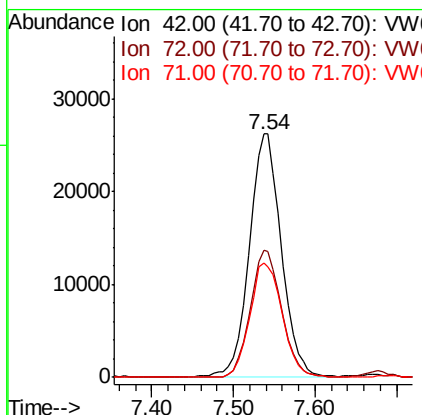
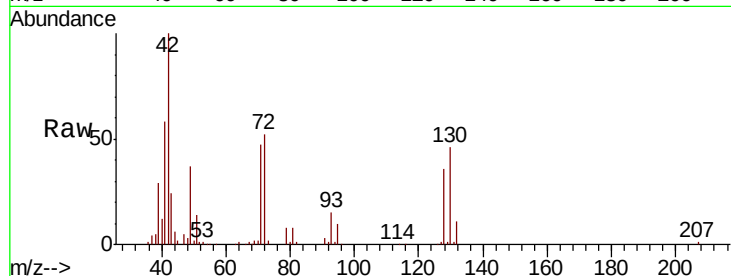
#29
Tetrahydrofuran
Concen: 216.913 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	39.2	58.8
71	47.6	37.6	56.4

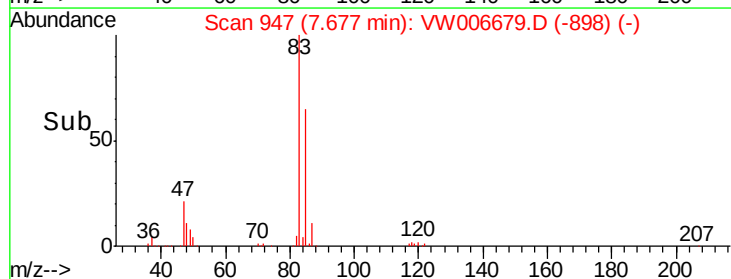
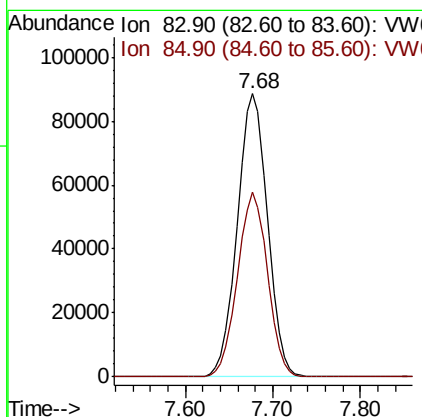
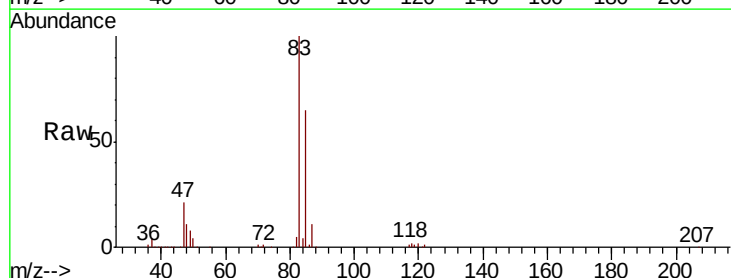
Manual Integrations
APPROVED

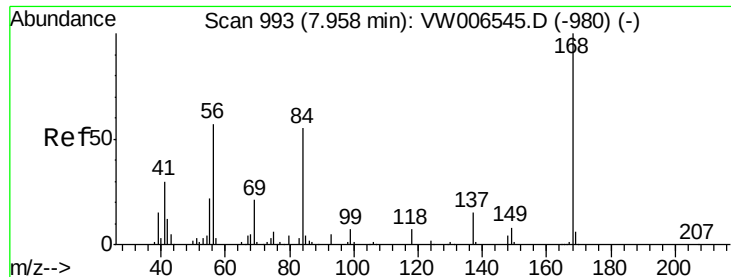
apatel
11/7/2018 2:06:07 PM



#30
Chloroform
Concen: 48.410 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.3	76.9





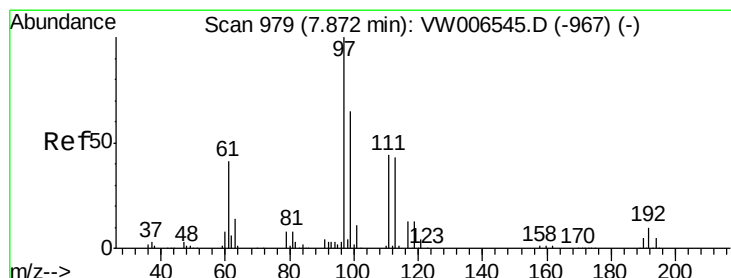
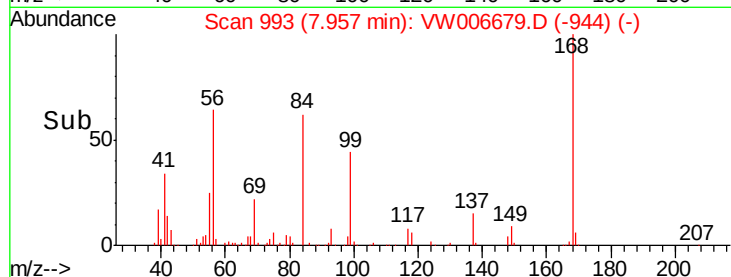
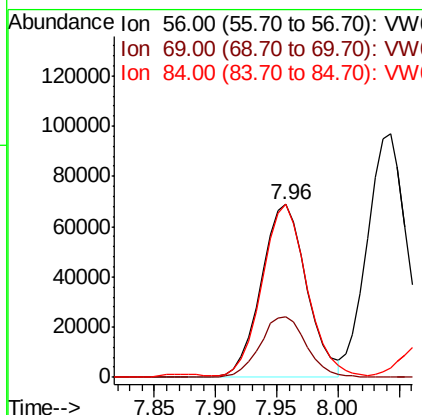
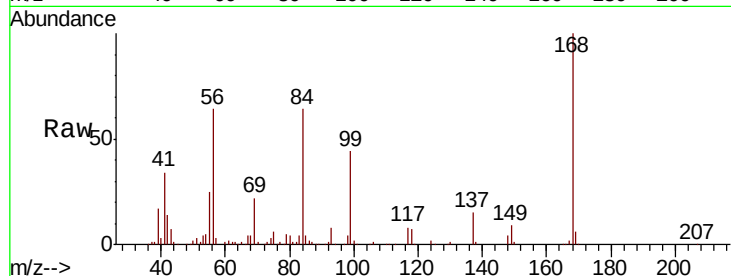
#31
Cyclohexane
Concen: 49.019 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	29.0	43.4
84	98.5	77.8	116.6

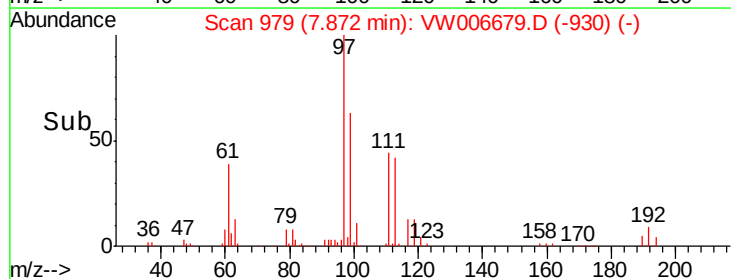
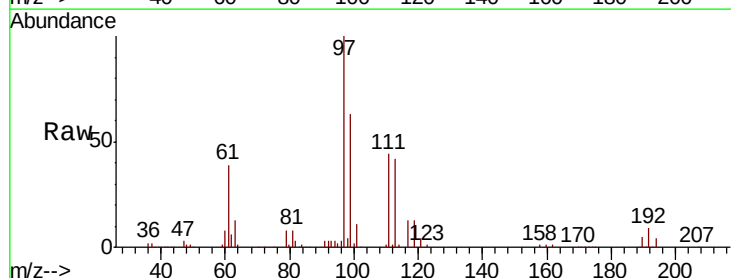
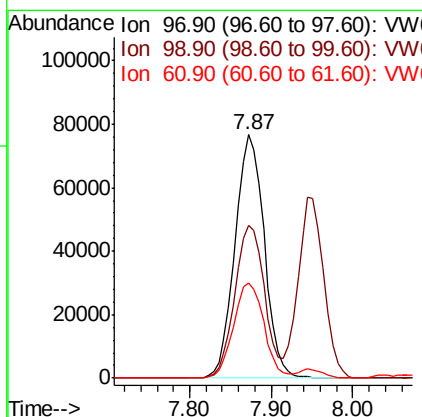
Manual Integrations
APPROVED

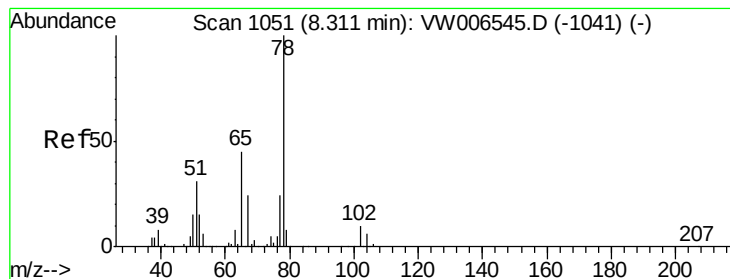
apatel
11/7/2018 2:06:07 PM



#32
1,1,1-Trichloroethane
Concen: 51.321 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	40.8	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 44.477 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 101699

Ion Ratio Lower Upper

65 100

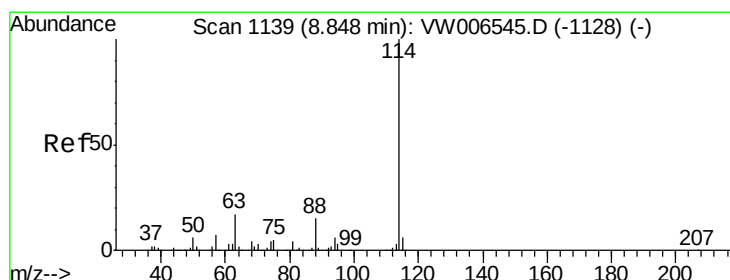
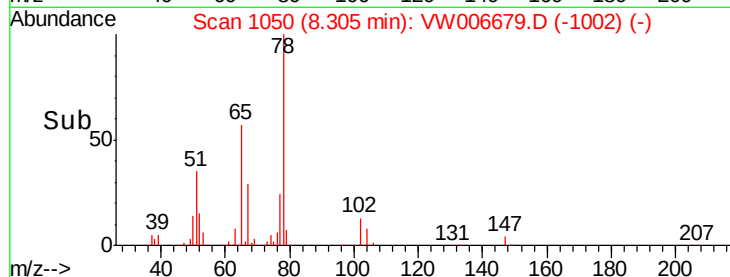
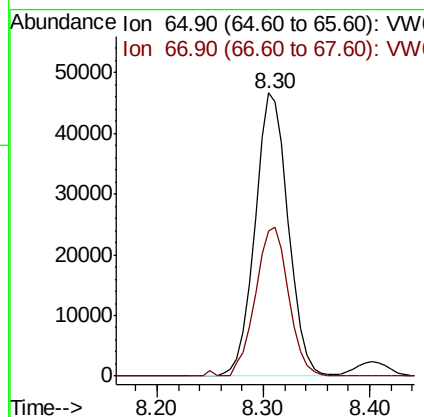
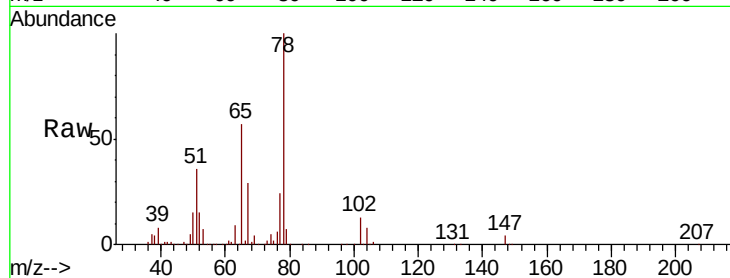
67 52.8 0.0 104.4

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

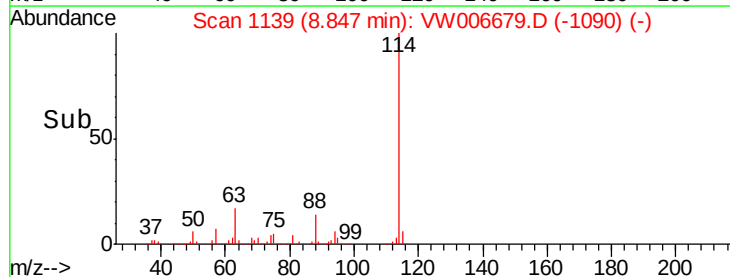
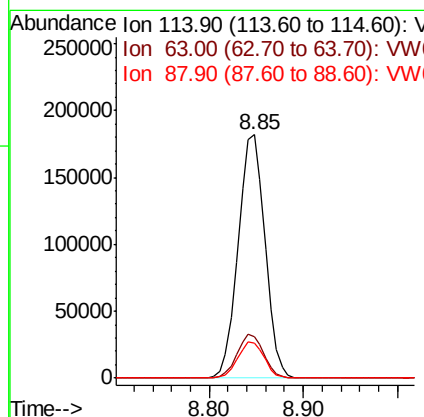
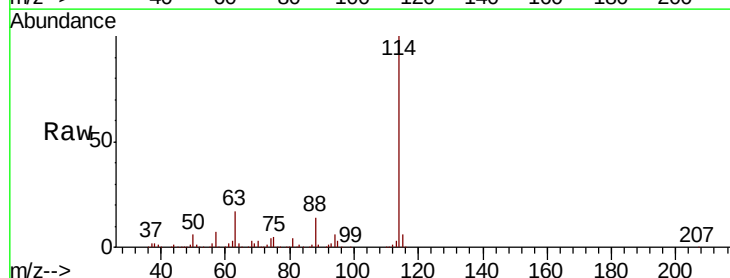
Tgt Ion: 114 Resp: 361485

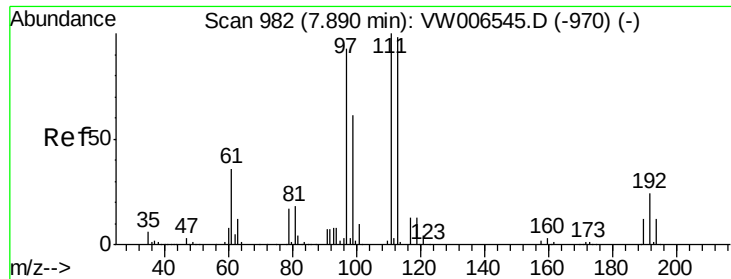
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.3 0.0 29.0





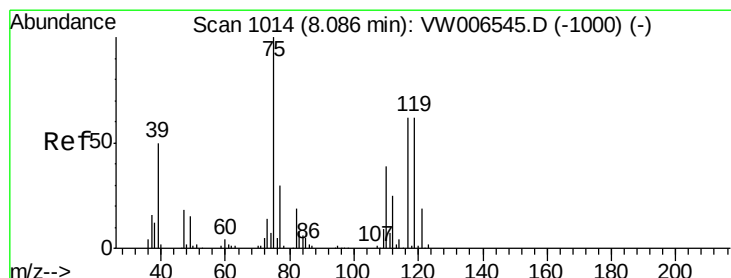
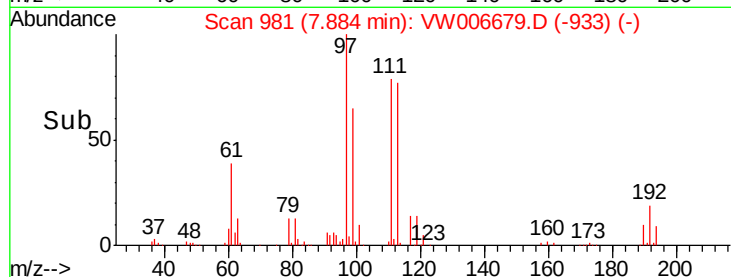
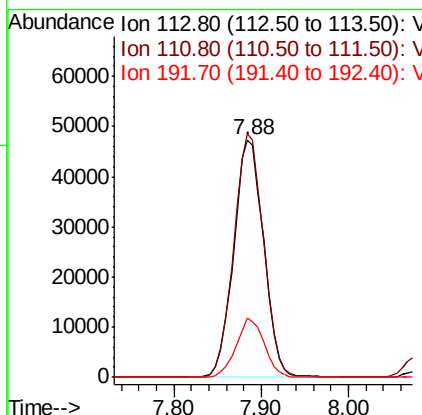
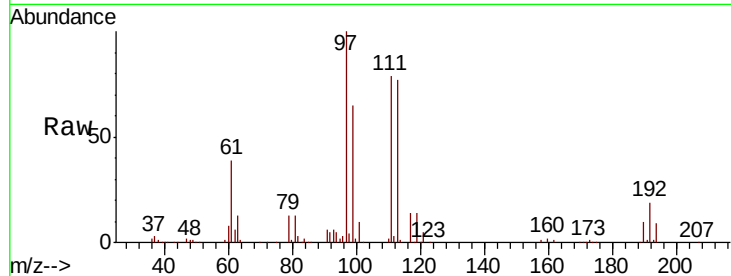
#35
 Dibromofluoromethane
 Concen: 49.753 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	82.2	123.2	
192	23.4	19.0	28.6	

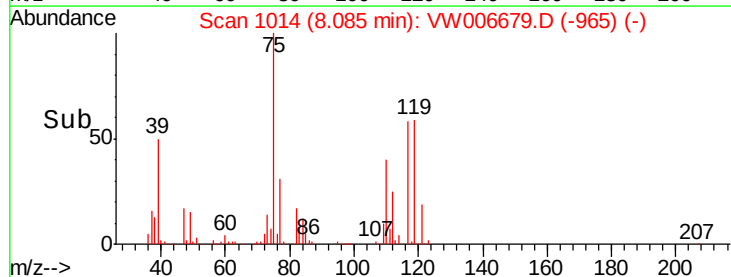
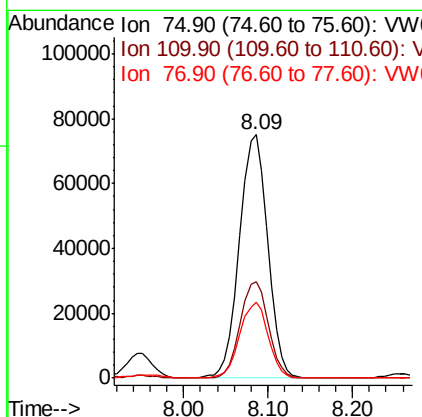
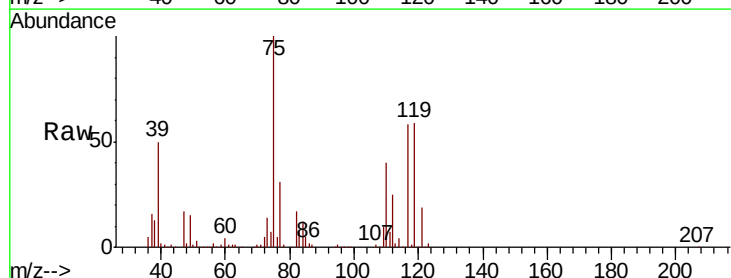
Manual Integrations
 APPROVED

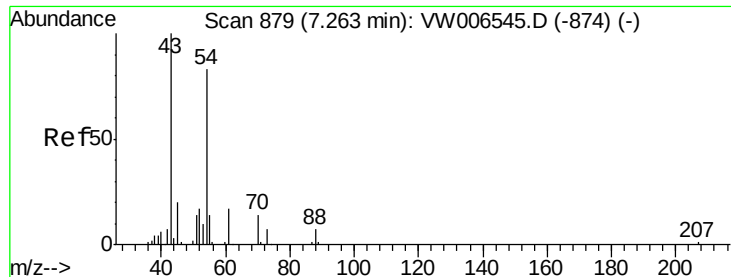
apatel
 11/7/2018 2:06:07 PM



#36
 1,1-Dichloropropene
 Concen: 53.758 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.3	19.5	58.5	
77	31.4	24.6	37.0	





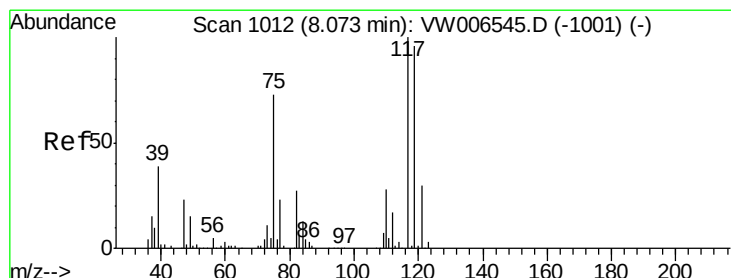
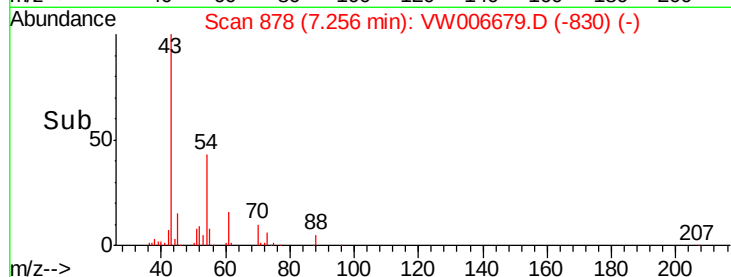
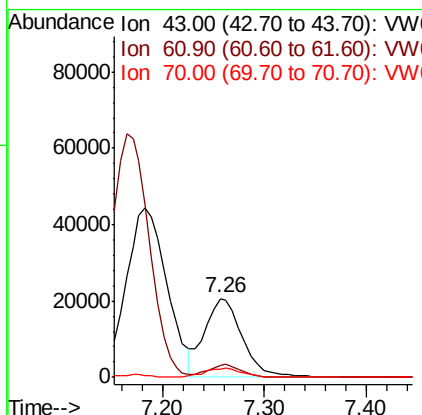
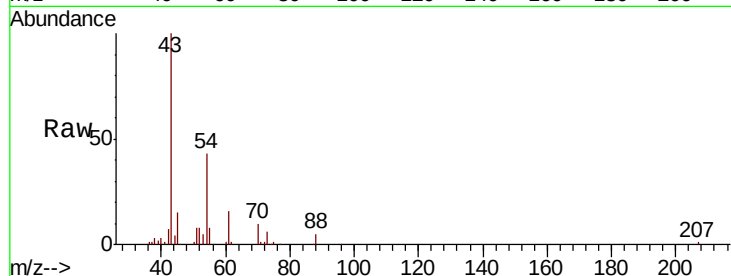
#37
Ethyl Acetate
Concen: 48.098 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.1	9.8	14.6

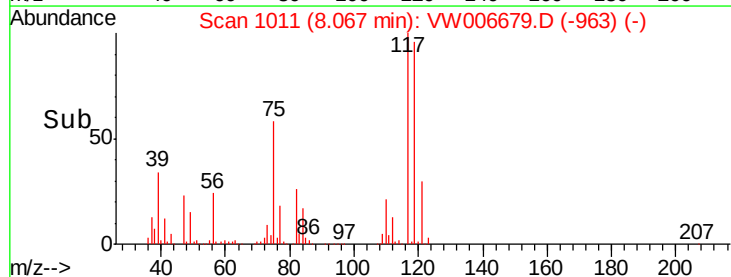
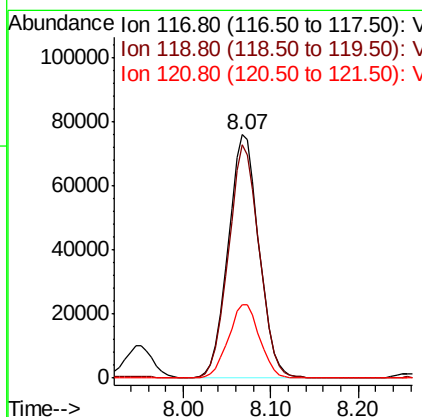
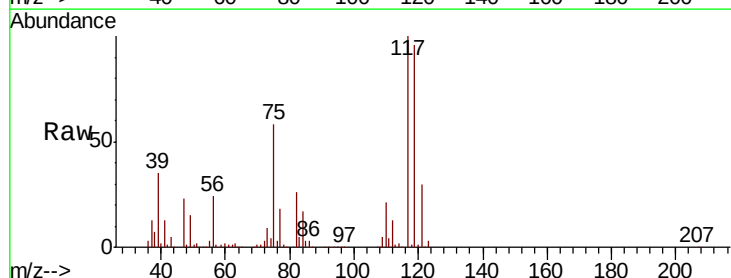
Manual Integrations
APPROVED

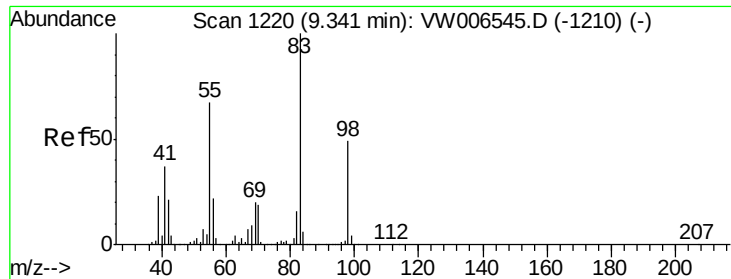
apatel
11/7/2018 2:06:07 PM



#38
Carbon Tetrachloride
Concen: 55.903 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
121	30.1	24.1	36.1





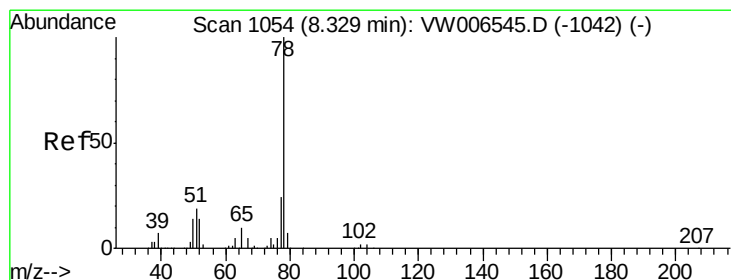
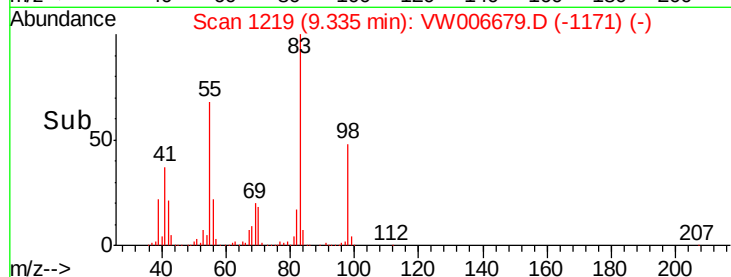
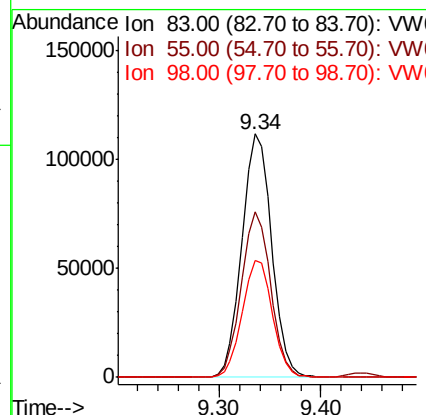
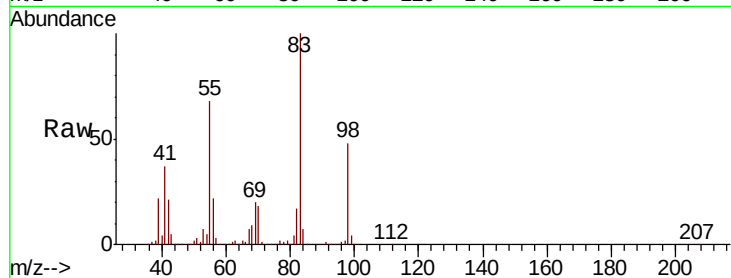
#39
Methvlcvclohexane
Concen: 56.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226823		
55	67.8		53.7	80.5
98	48.1		39.2	58.8

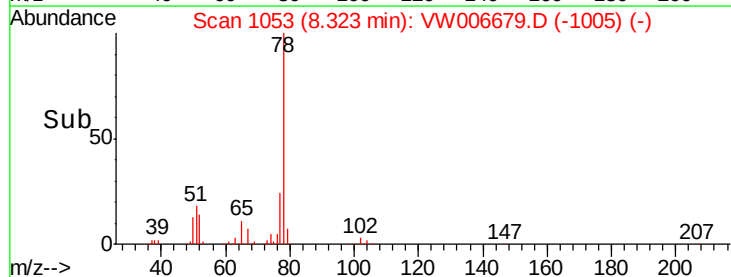
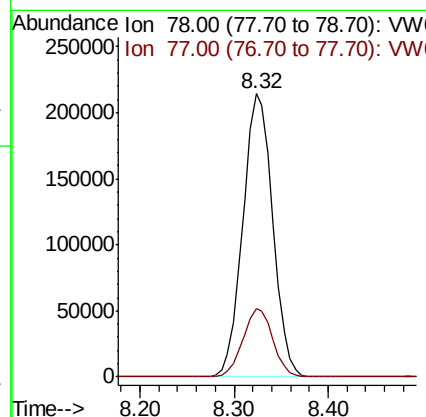
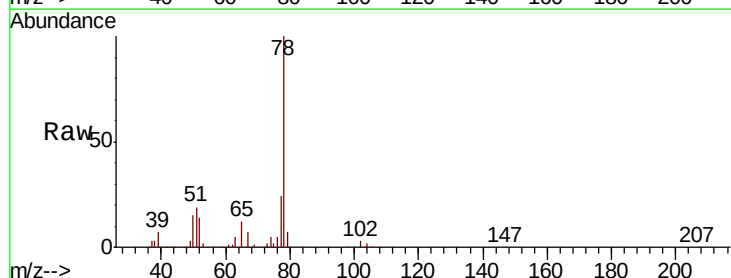
Manual Integrations
APPROVED

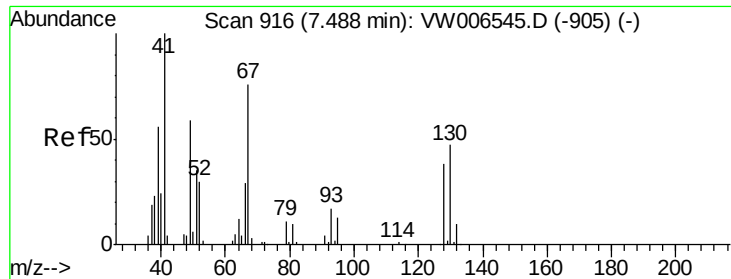
apatel
11/7/2018 2:06:07 PM



#40
Benzene
Concen: 52.521 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	474226		
77	24.2		19.2	28.8





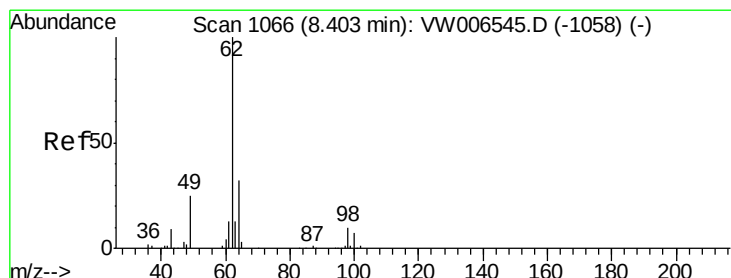
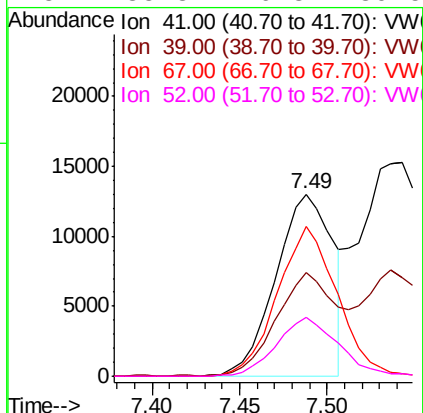
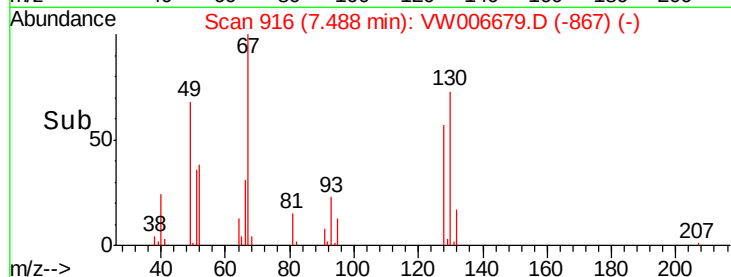
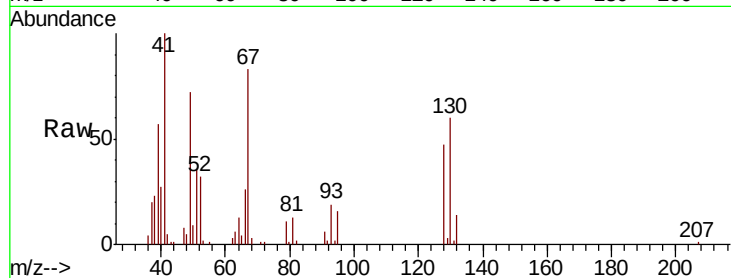
#41
Methacrylonitrile
Concen: 43.849 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.6	44.5	66.7
67	85.9	63.8	95.8
52	35.3	26.3	39.5

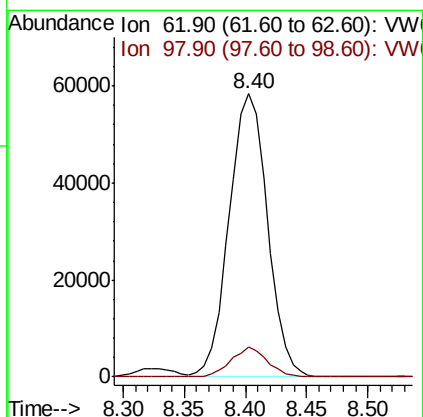
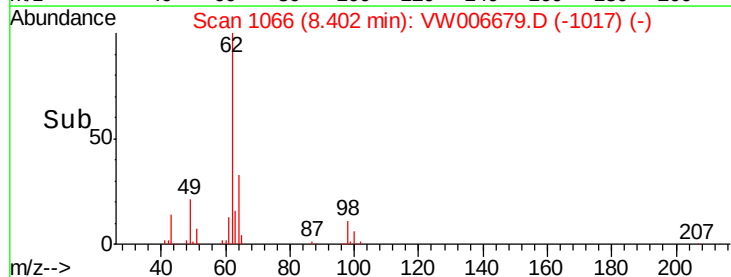
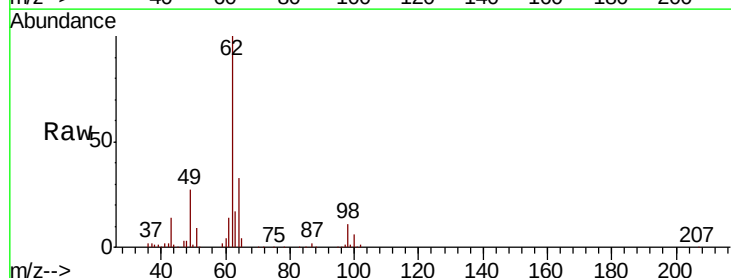
Manual Integrations
APPROVED

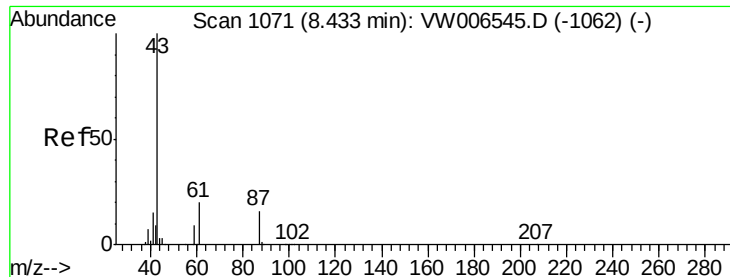
apatel
11/7/2018 2:06:07 PM



#42
1,2-Dichloroethane
Concen: 48.945 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.437 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

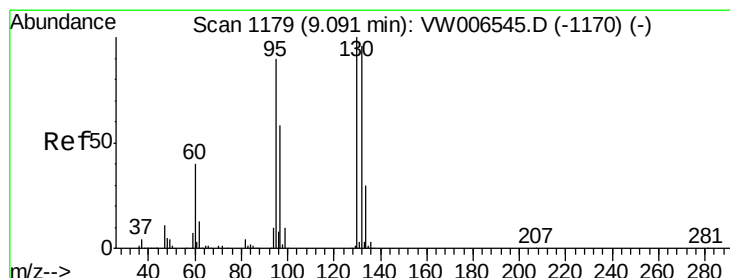
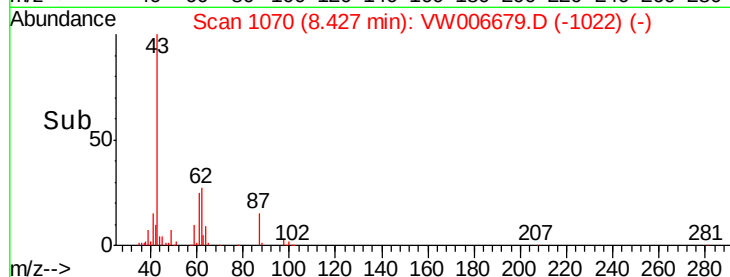
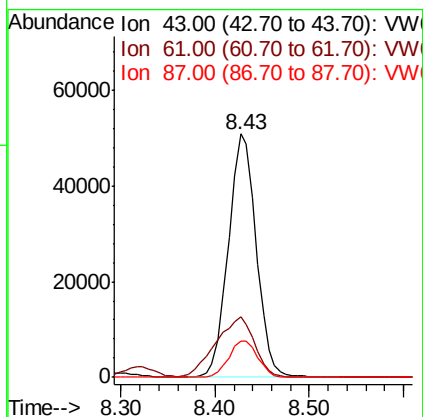
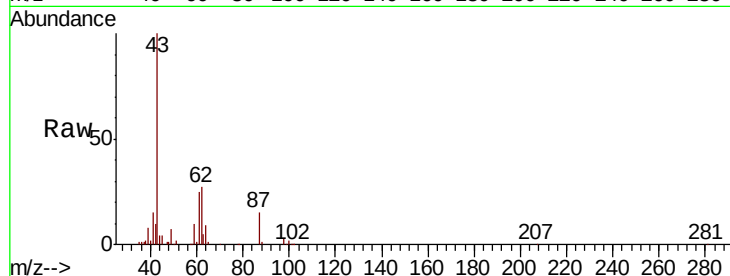
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	104280
Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.2	40.8
87	15.6	12.9	19.3

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#44

Trichloroethene

Concen: 53.164 ug/l

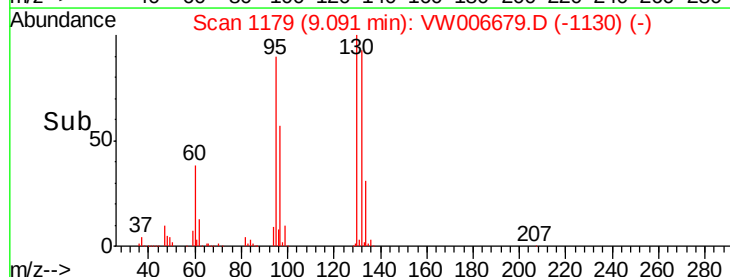
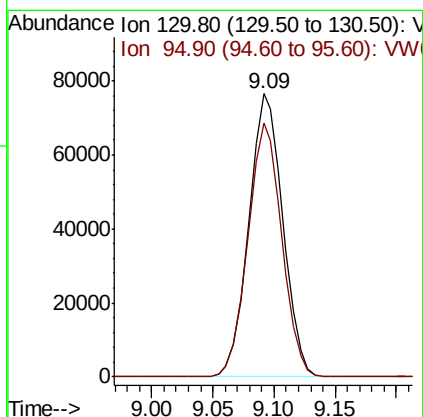
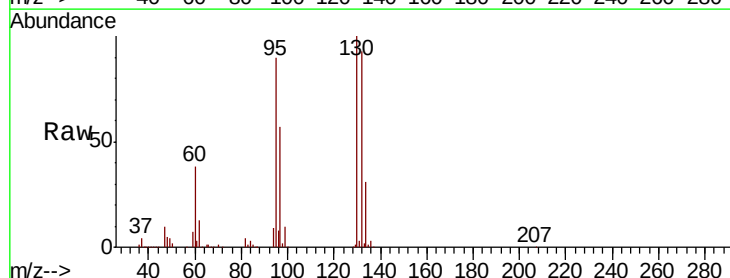
RT: 9.09 min Scan# 1179

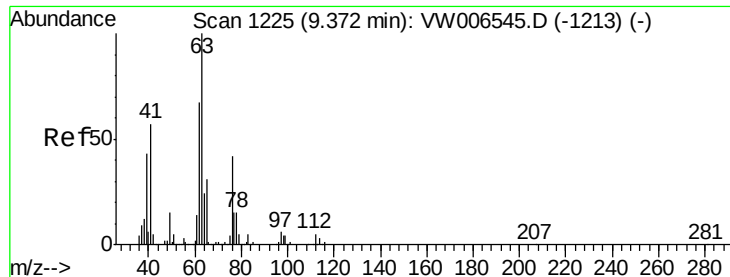
Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	130	Resp:	148130
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	179.2





#45

1,2-Dichloropropane

Concen: 52.266 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 109827

Ion Ratio Lower Upper

63 100

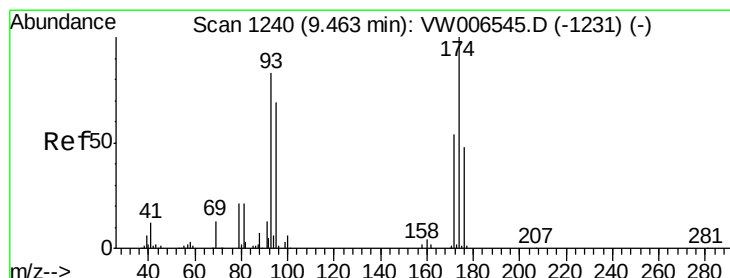
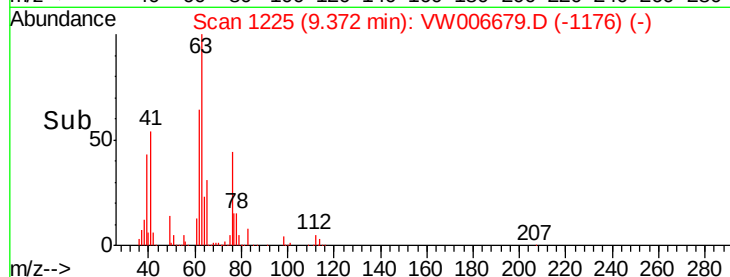
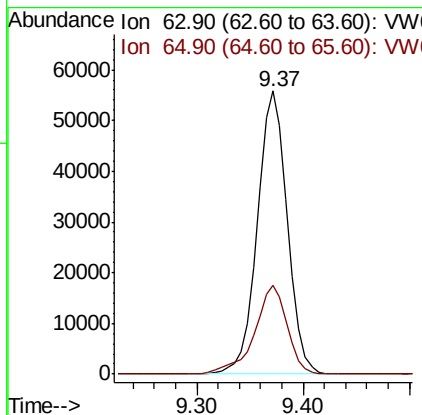
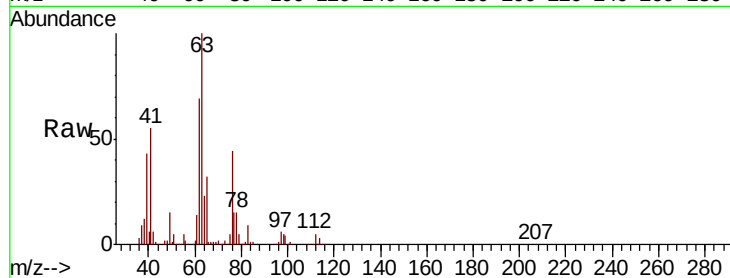
65 31.5 25.1 37.7

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#46

Dibromomethane

Concen: 49.142 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

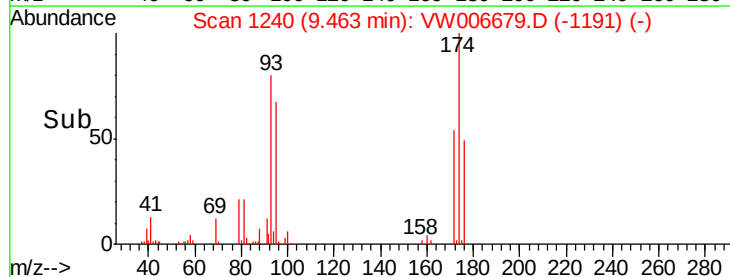
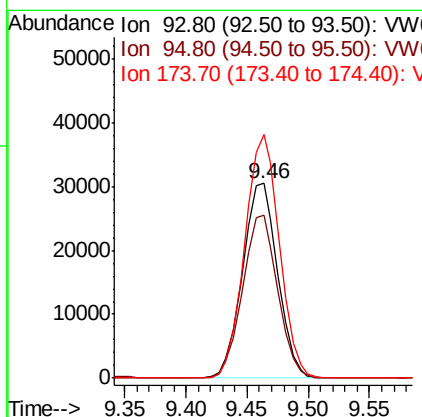
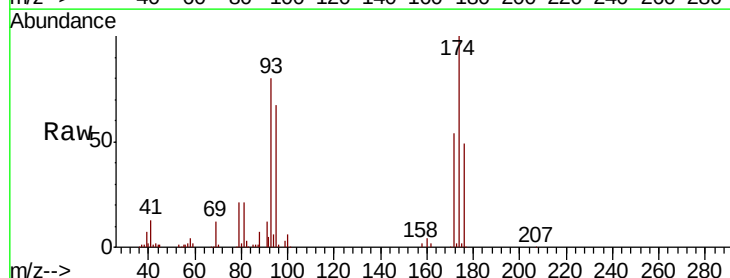
Tgt Ion: 93 Resp: 60701

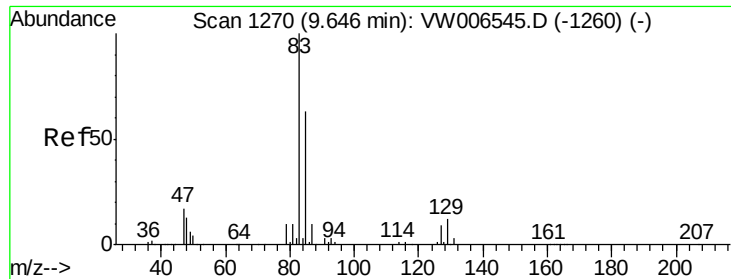
Ion Ratio Lower Upper

93 100

95 83.6 67.2 100.8

174 123.4 97.3 145.9





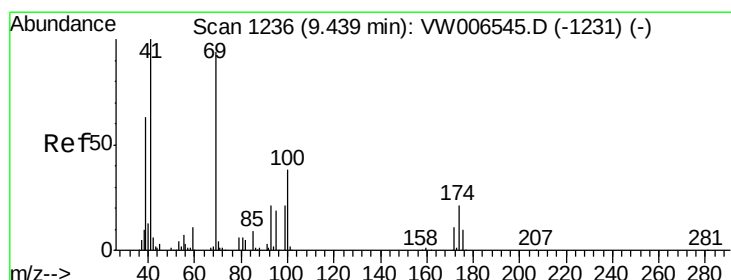
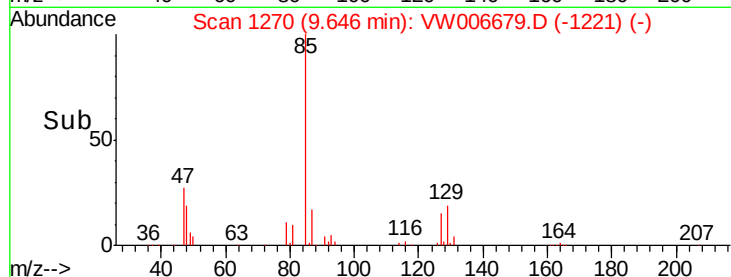
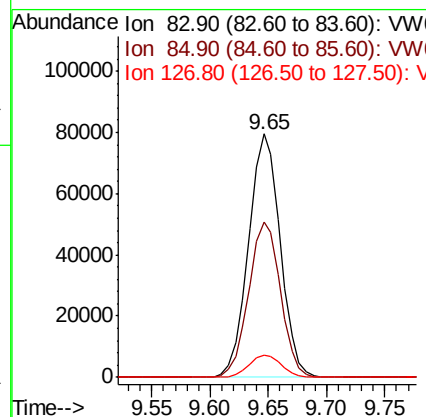
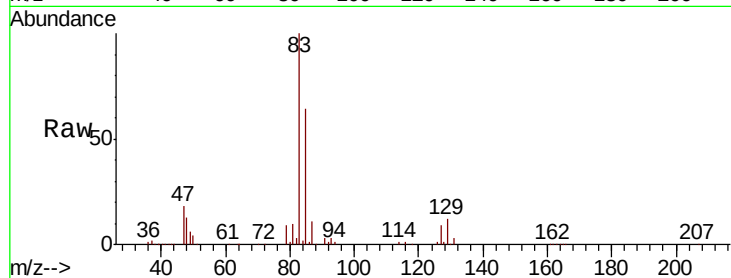
#47
Bromodichloromethane
Concen: 52.666 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	9.2	7.5	11.3

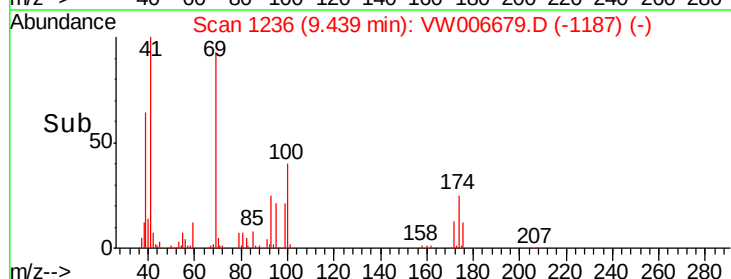
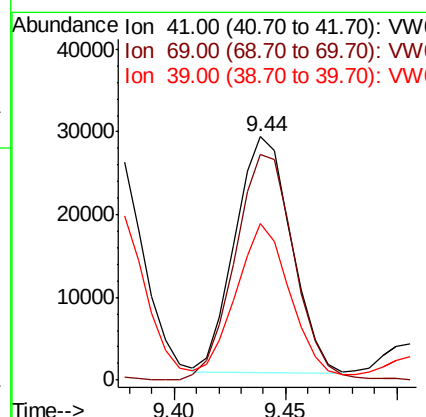
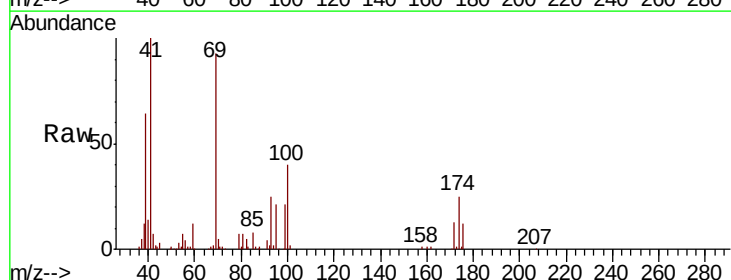
Manual Integrations
APPROVED

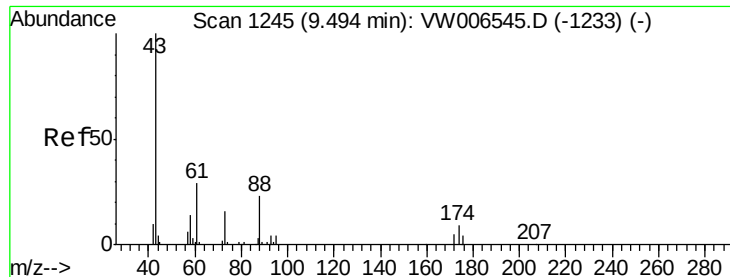
apatel
11/7/2018 2:06:07 PM



#48
Methyl methacrylate
Concen: 47.279 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.5	77.8	116.8
39	60.2	48.7	73.1





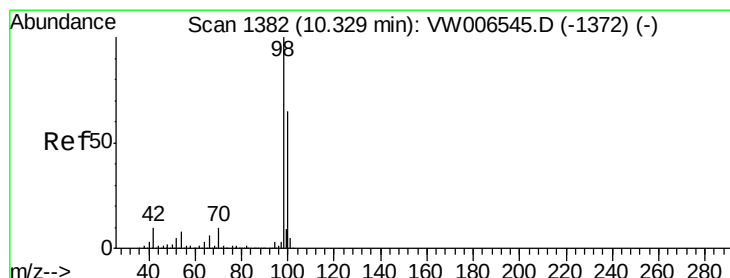
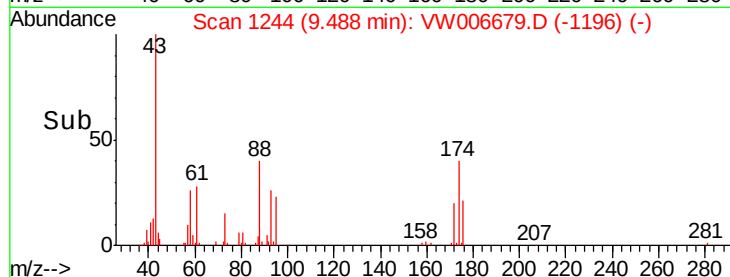
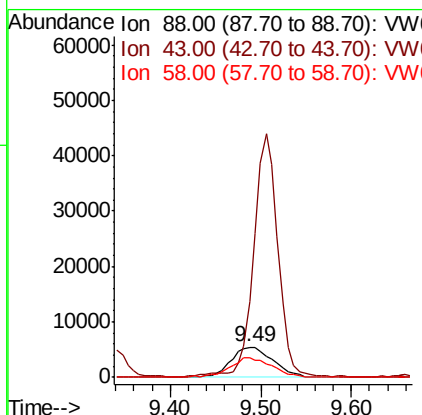
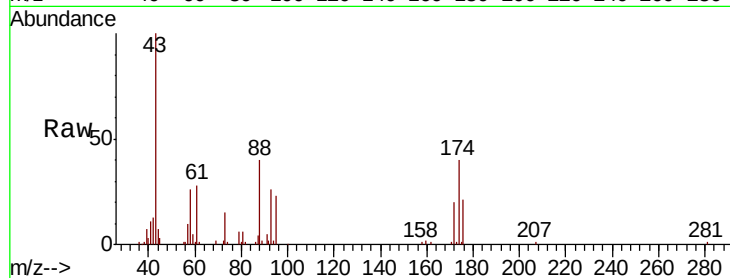
#49
1,4-Dioxane
Concen: 974.655 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	17619
Ion	Ratio	Lower	Upper
88	100		
43	462.5	356.6	534.8
58	65.8	51.4	77.2

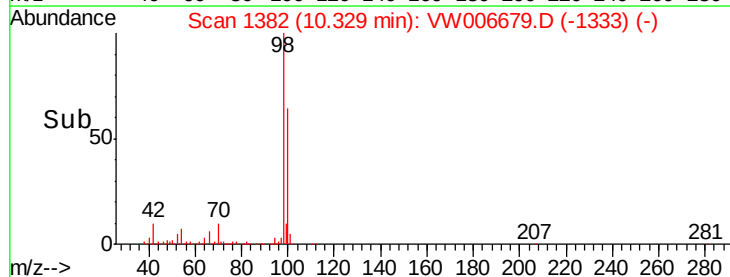
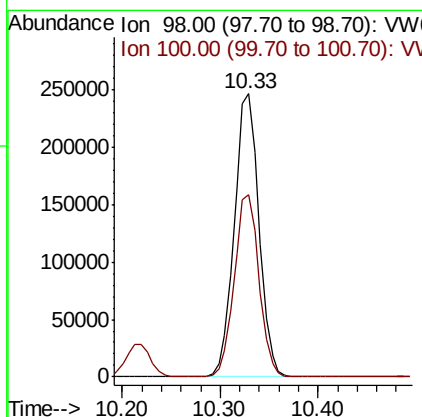
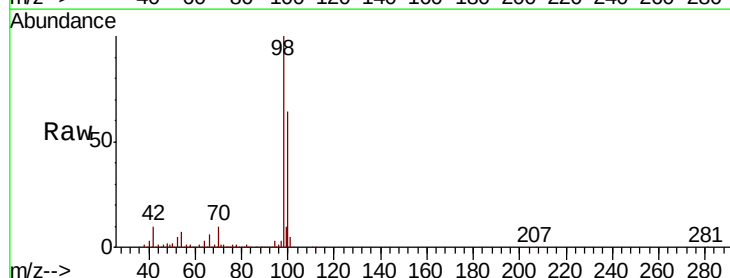
Manual Integrations
APPROVED

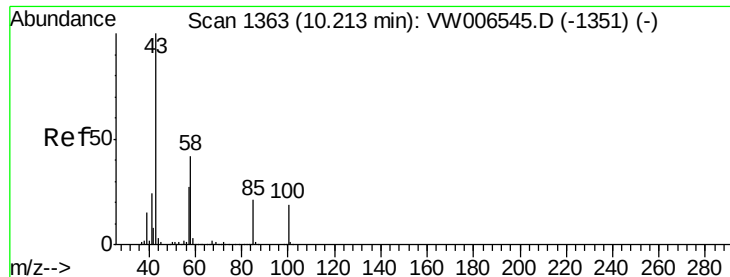
apatel
11/7/2018 2:06:07 PM



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	98	Resp	430524
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





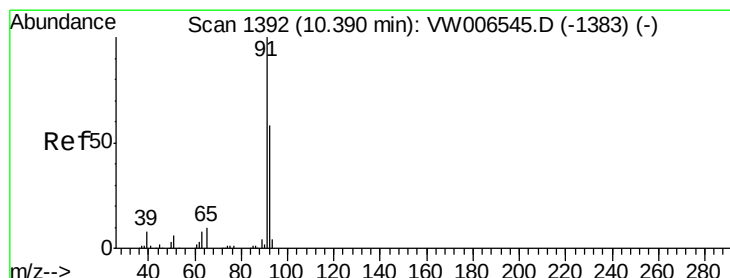
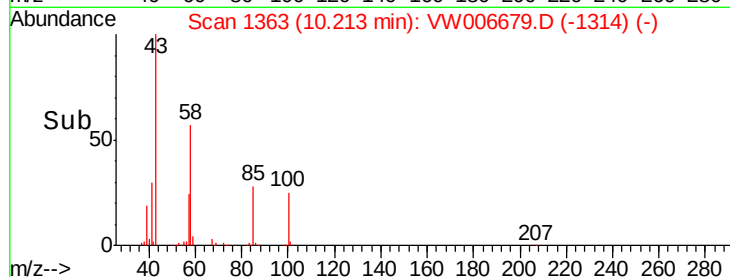
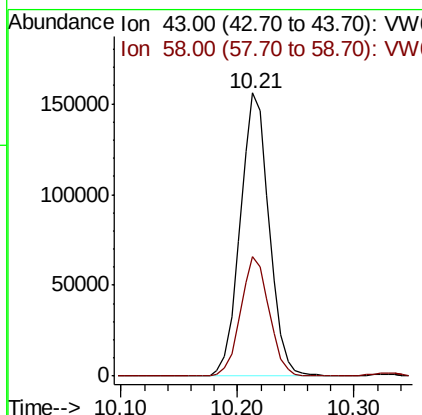
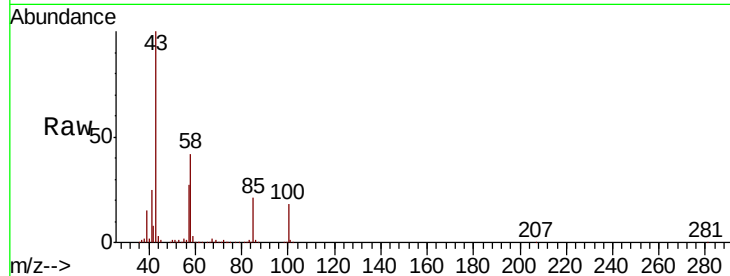
#51
 4-Methyl-2-Pentanone
 Concen: 238.846 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 269658
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.4 50.0

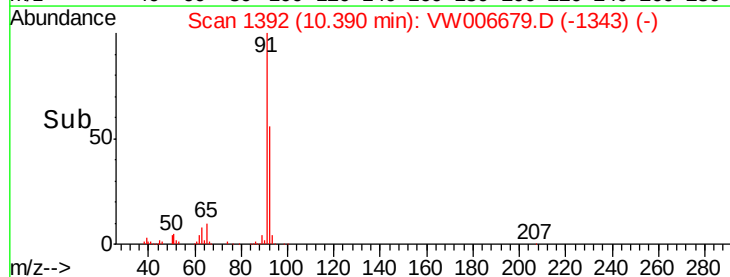
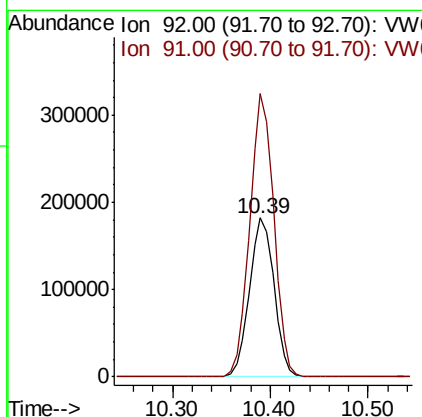
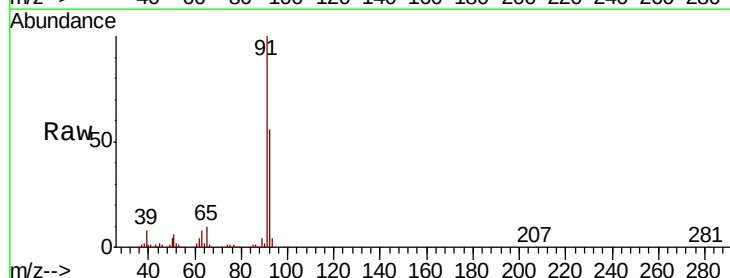
Manual Integrations
 APPROVED

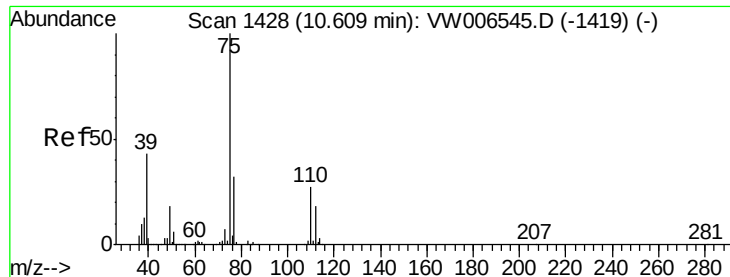
apatel
 11/7/2018 2:06:07 PM



#52
 Toluene
 Concen: 52.620 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 92 Resp: 318671
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.6 208.0





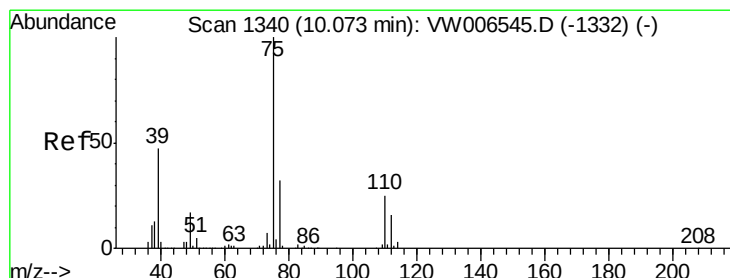
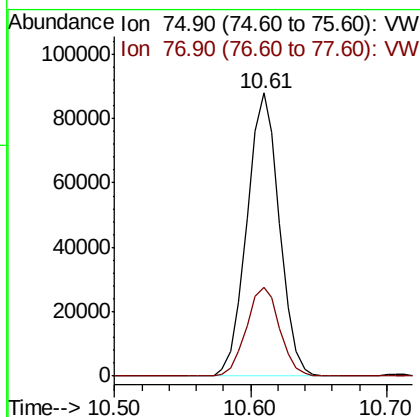
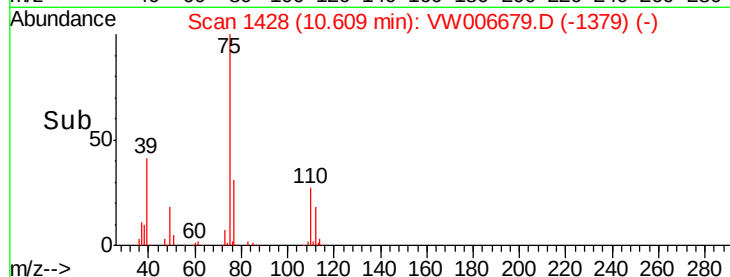
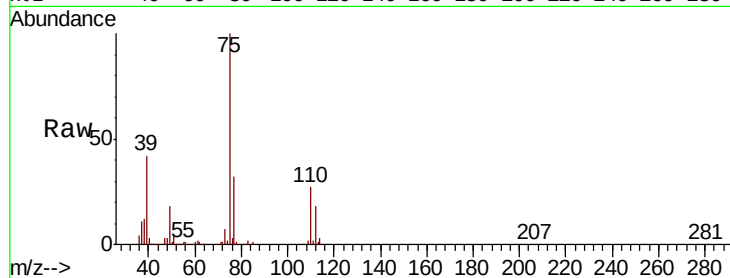
#53
 t-1,3-Dichloropropene
 Concen: 53.182 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 146795
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4

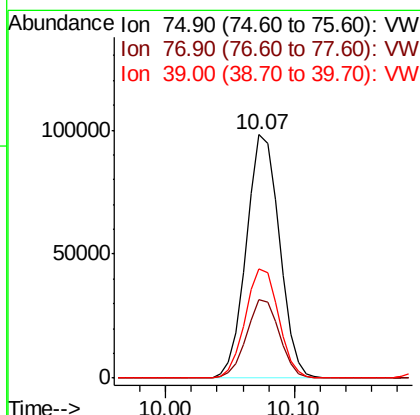
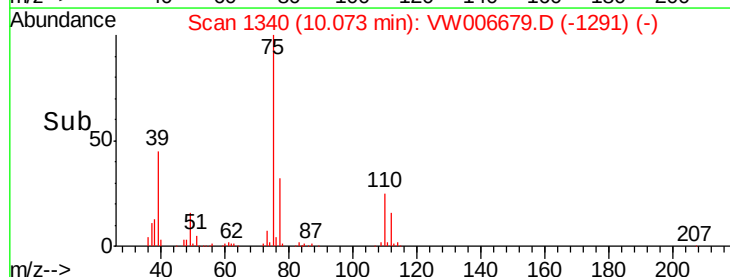
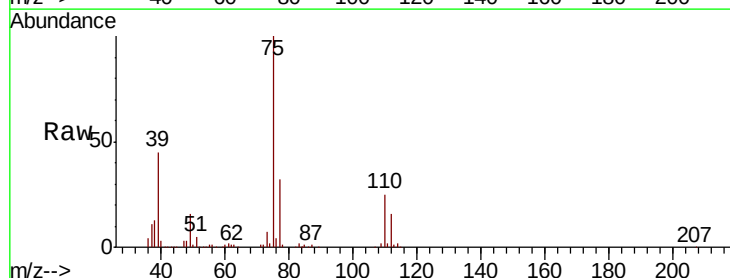
Manual Integrations
 APPROVED

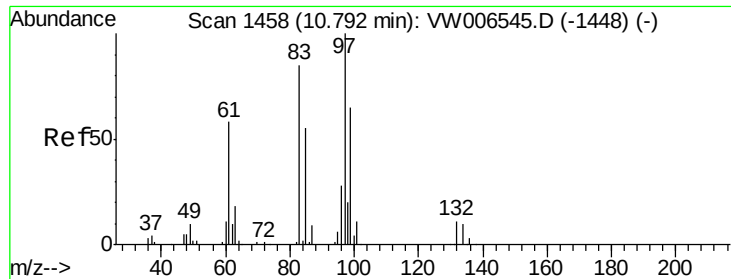
apatel
 11/7/2018 2:06:07 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.479 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion: 75 Resp: 174439
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5
 39 45.0 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 50.141 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

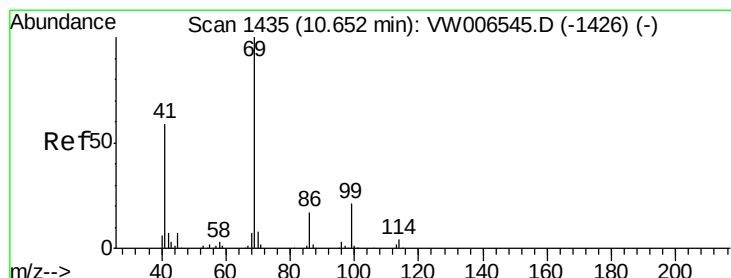
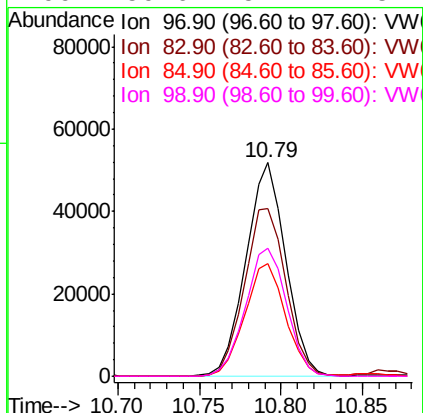
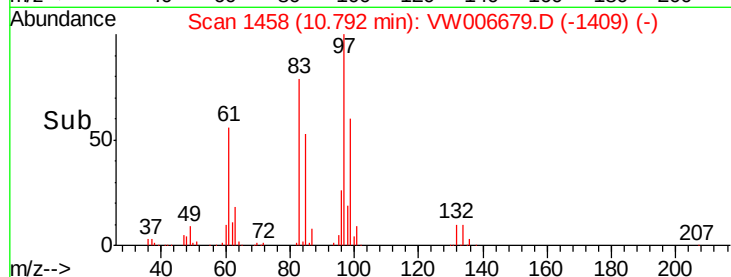
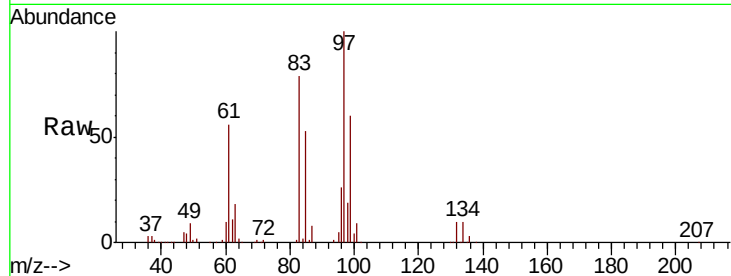
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	87877
Ion	Ratio	Lower	Upper
97	100		
83	78.7	67.9	101.9
85	53.0	44.0	66.0
99	59.6	52.2	78.2

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#56

Ethyl methacrylate

Concen: 48.947 ug/l

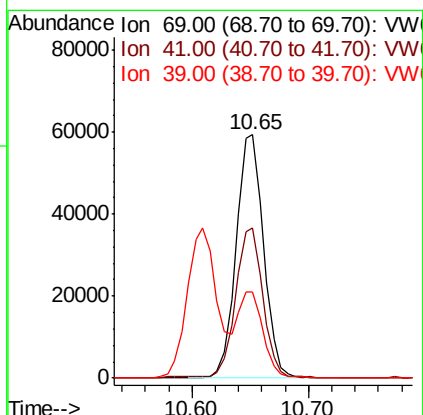
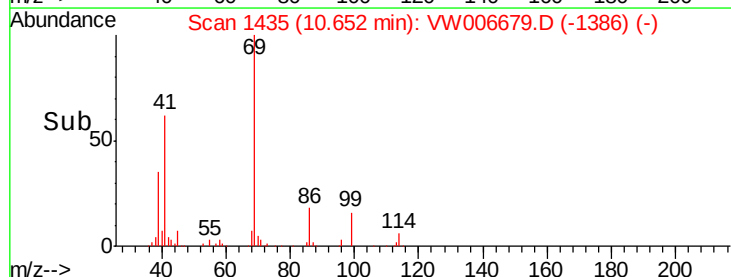
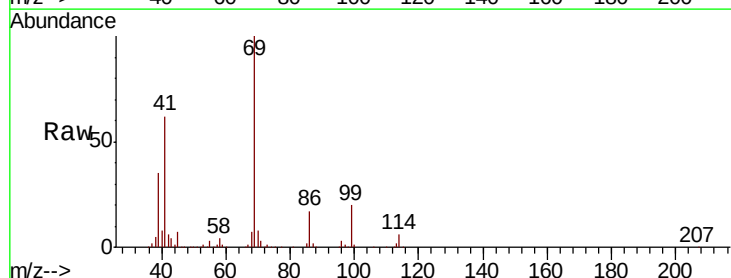
RT: 10.65 min Scan# 1435

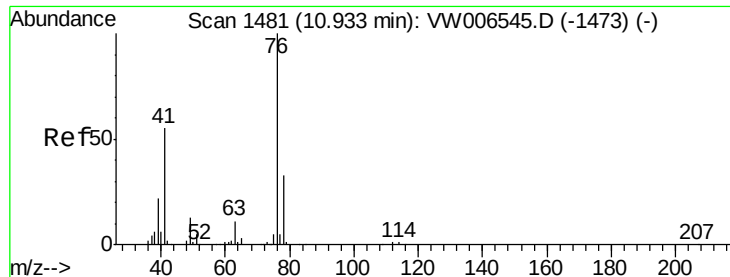
Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	69	Resp:	97503
Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.4	71.2
39	31.8	25.3	37.9





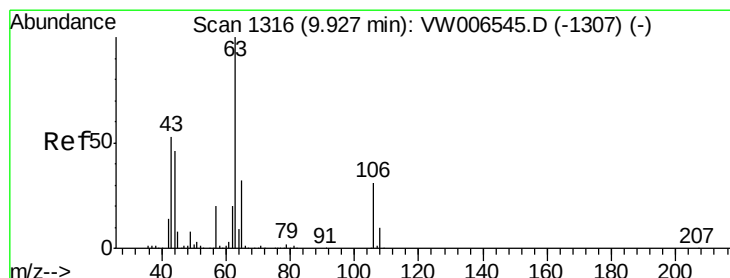
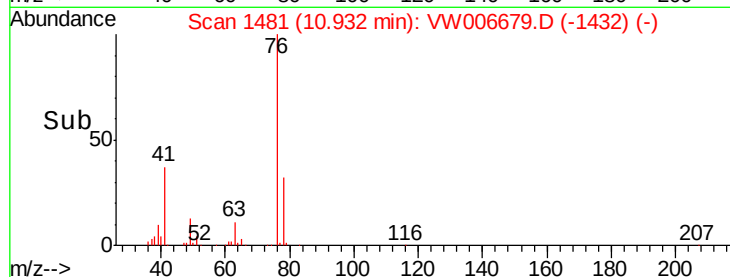
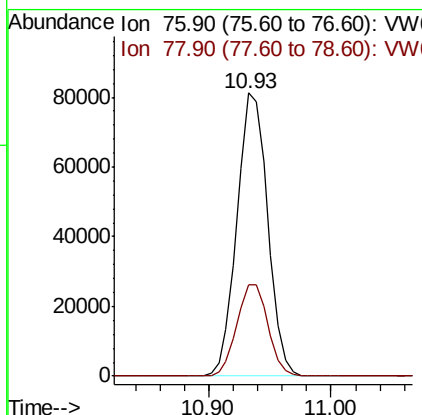
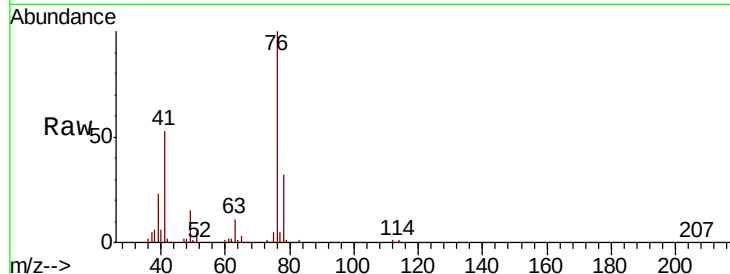
#57
 1,3-Dichloropropane
 Concen: 49.725 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.2	39.4

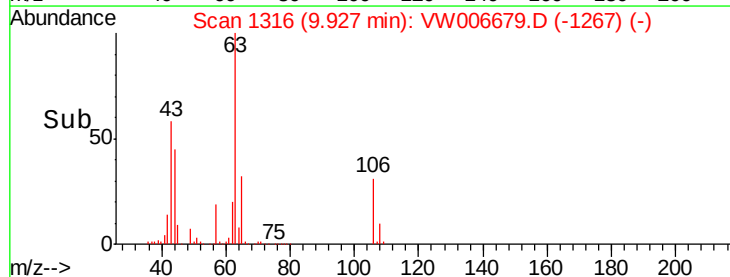
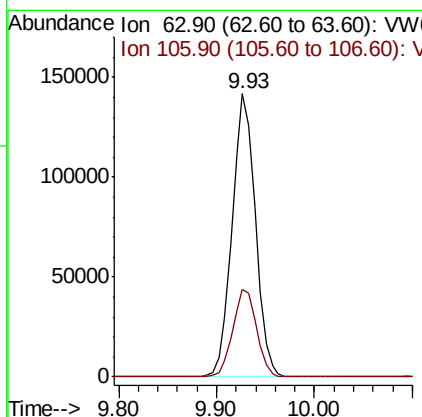
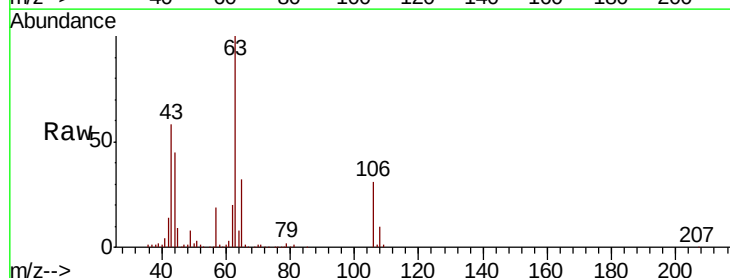
Manual Integrations
 APPROVED

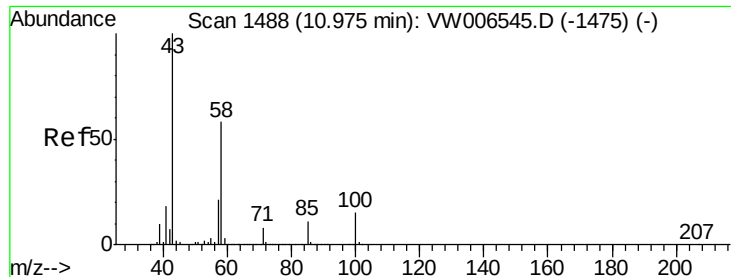
apatel
 11/7/2018 2:06:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.623 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.4	38.2





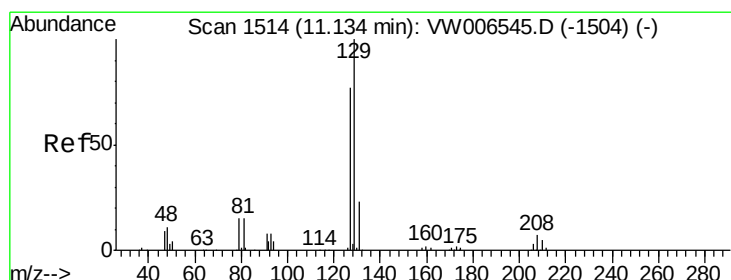
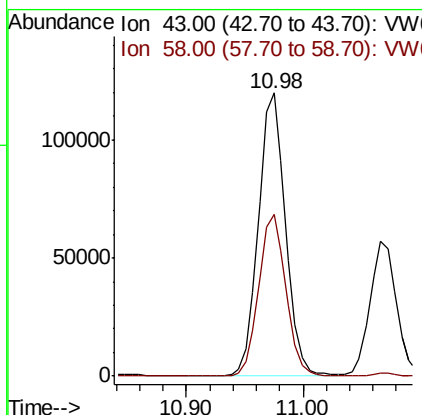
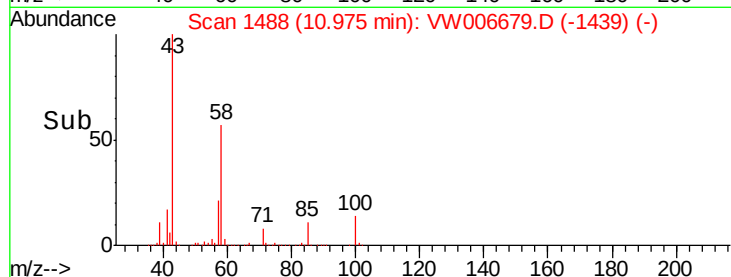
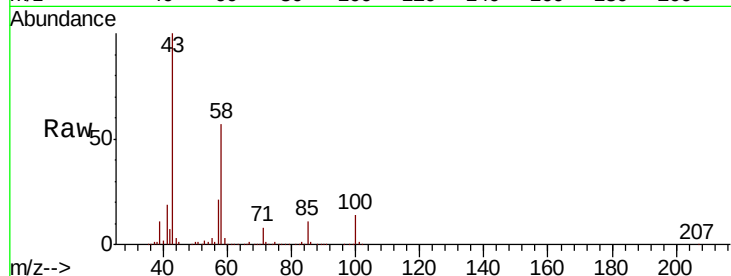
#59
2-Hexanone
Concen: 254.212 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 194932
Ion Ratio Lower Upper
43 100
58 57.3 28.8 86.4

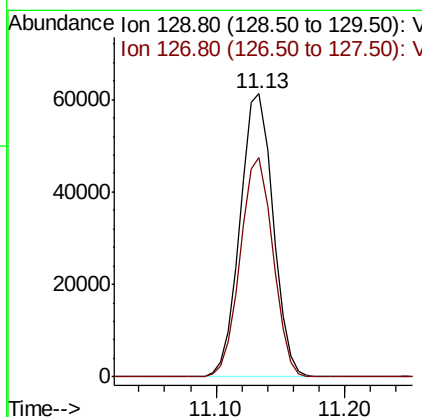
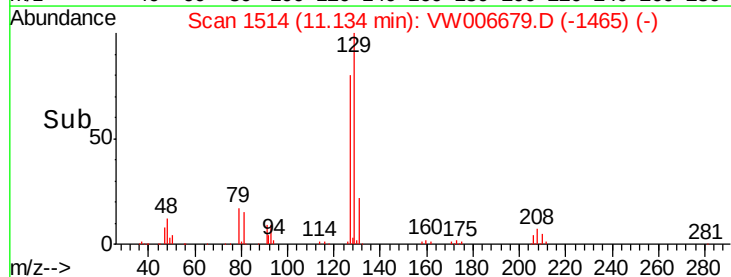
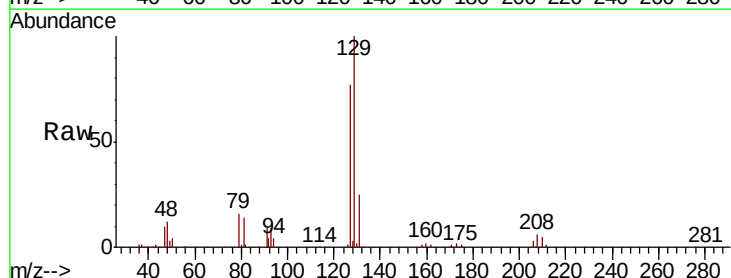
Manual Integrations
APPROVED

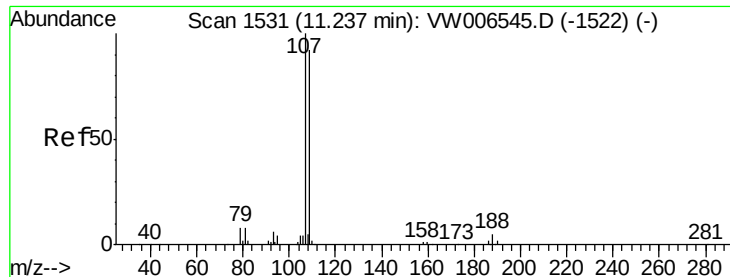
apatel
11/7/2018 2:06:07 PM



#60
Dibromochloromethane
Concen: 52.436 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 129 Resp: 108883
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.724 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 86541

Ion Ratio Lower Upper

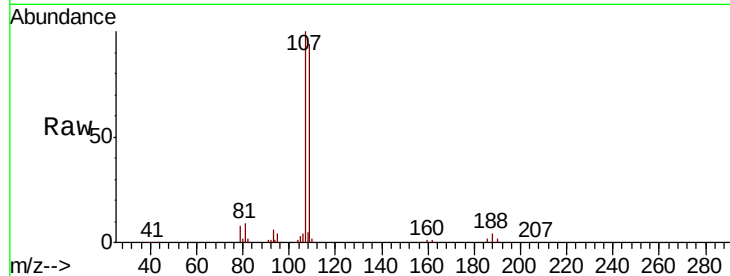
107 100

109 95.1 75.8 113.6

Manual Integrations
APPROVED

apatel

11/7/2018 2:06:07 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

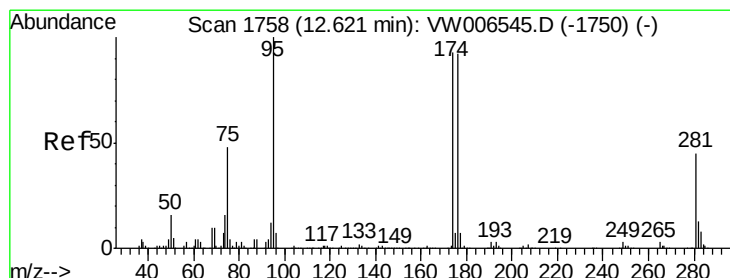
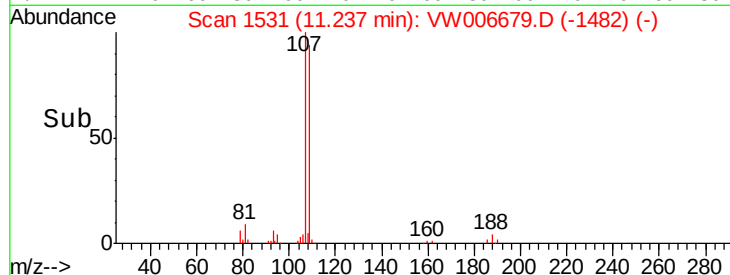
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

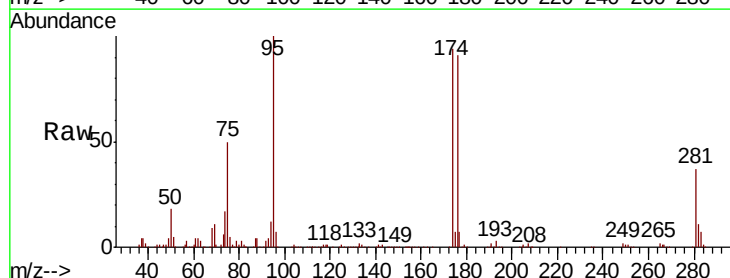
Tgt Ion: 95 Resp: 155476

Ion Ratio Lower Upper

95 100

174 98.0 0.0 192.4

176 95.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

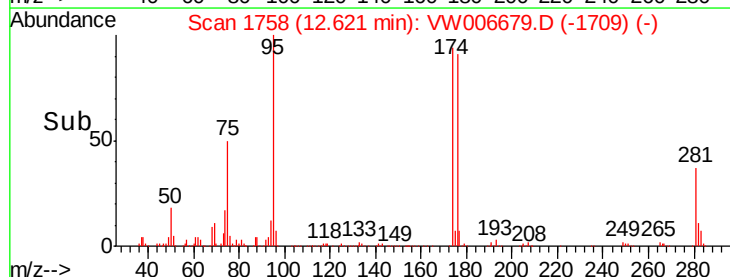
60000

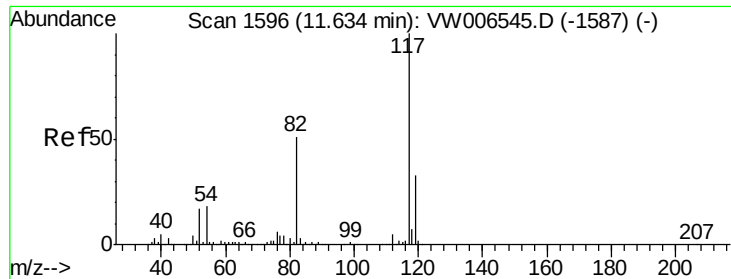
40000

20000

0

Time-->





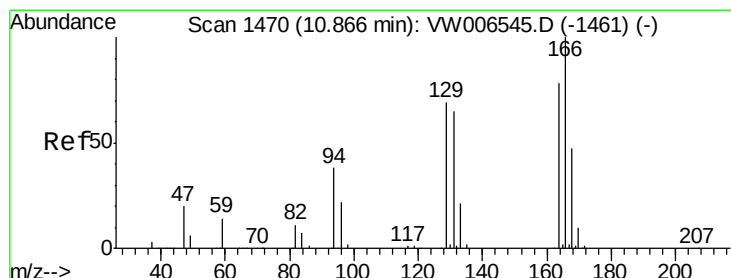
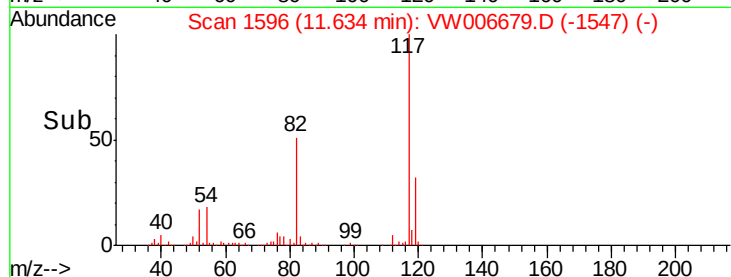
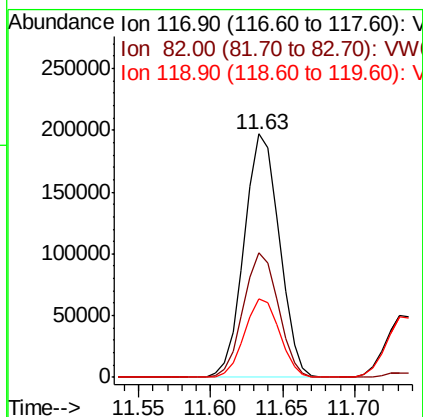
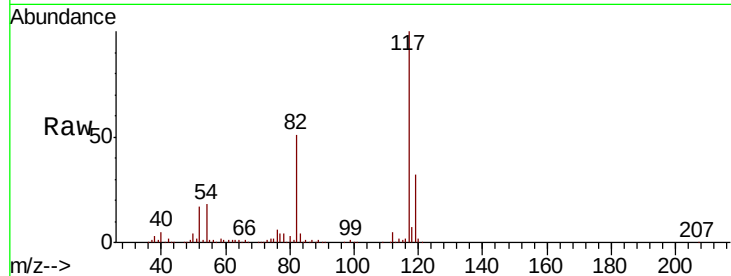
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	333271		
82	51.2		40.8	61.2
119	32.4		26.1	39.1

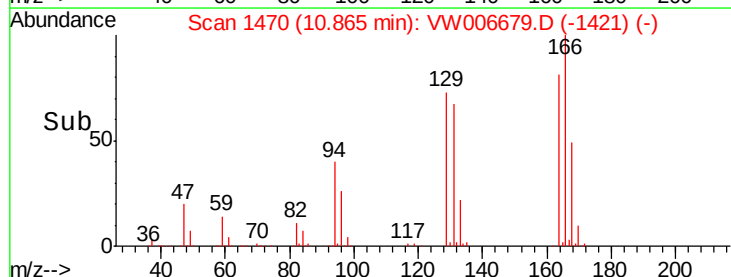
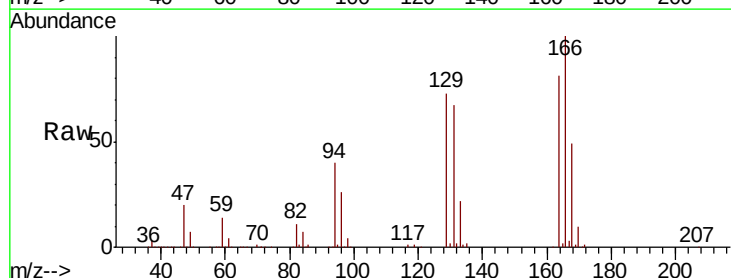
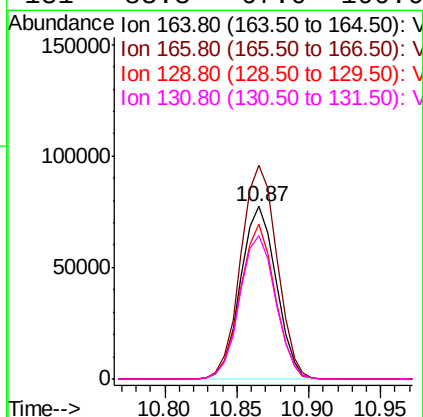
Manual Integrations
APPROVED

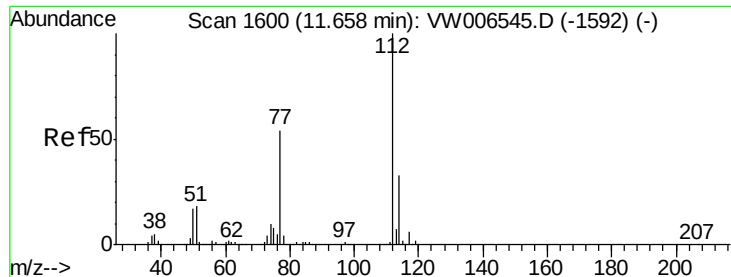
apatel
11/7/2018 2:06:07 PM



#64
Tetrachloroethene
Concen: 49.905 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132579		
166	124.0		102.8	154.2
129	90.0		70.9	106.3
131	83.3		67.0	100.6





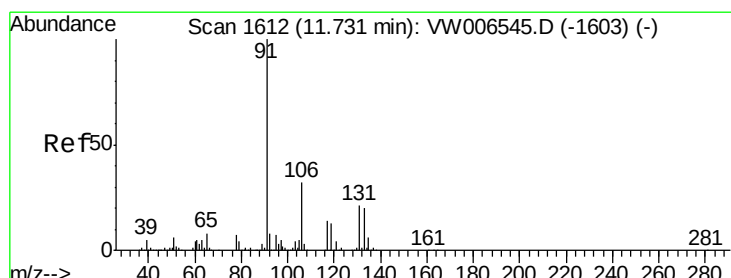
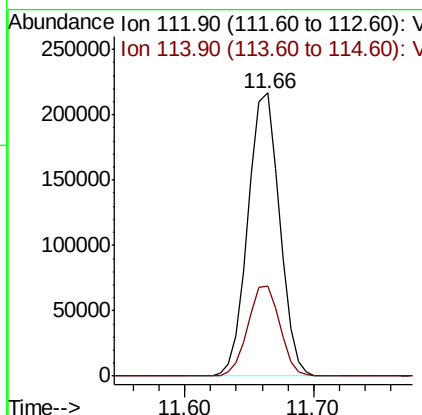
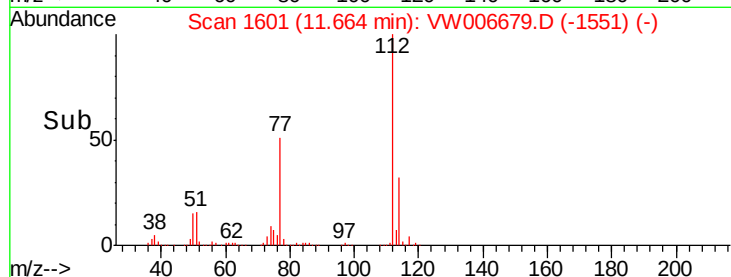
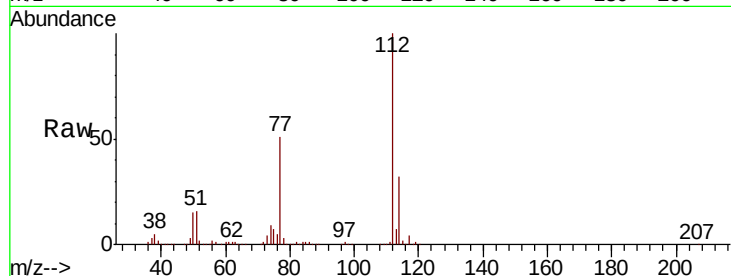
#65
Chlorobenzene
Concen: 52.342 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2

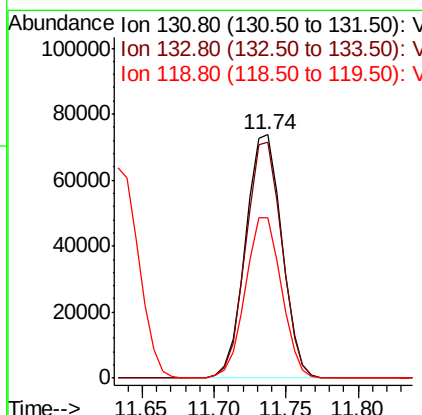
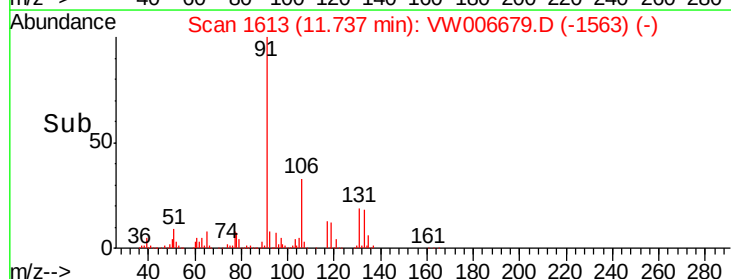
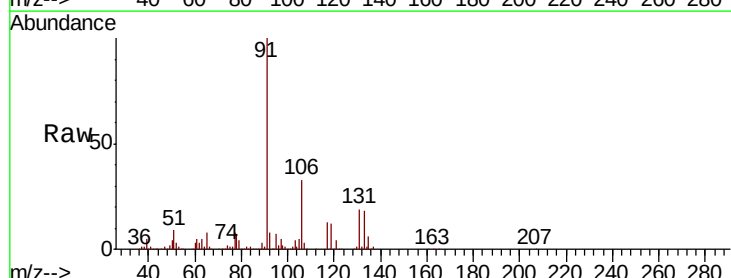
Manual Integrations
APPROVED

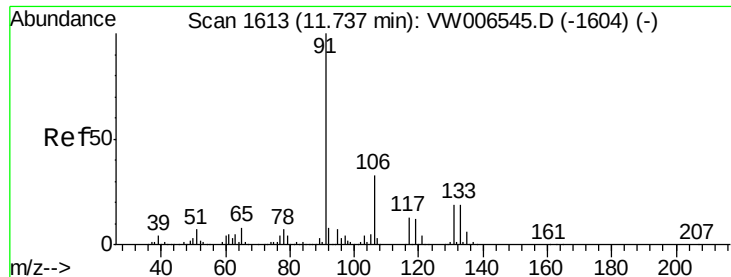
apatel
11/7/2018 2:06:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.239 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.5	142.5
119	65.6	31.9	95.5





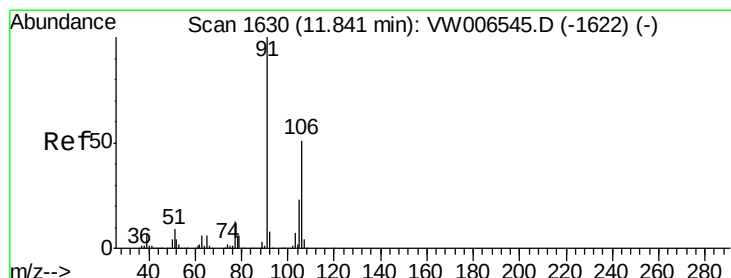
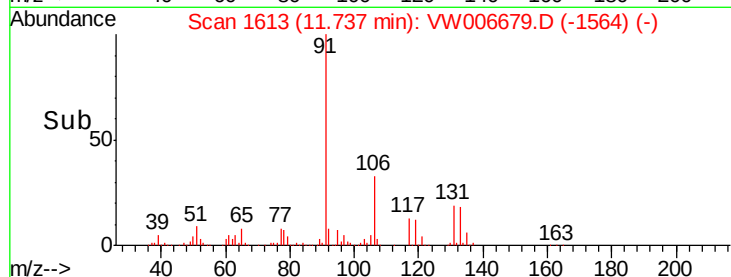
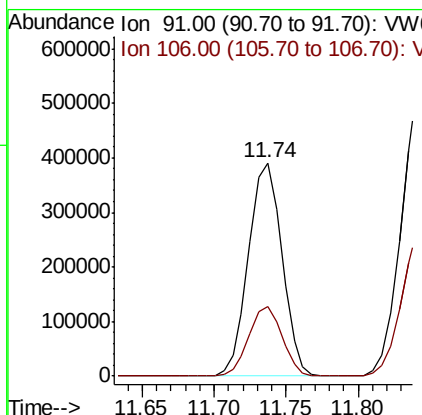
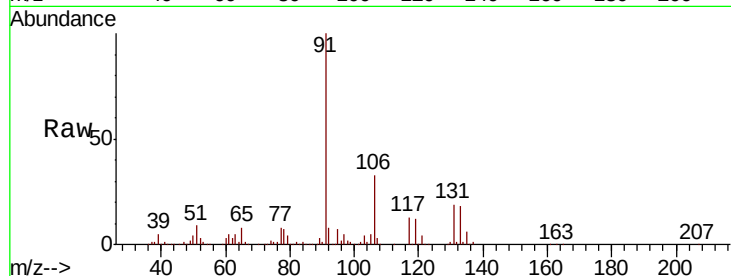
#67
Ethyl Benzene
Concen: 53.869 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 631446
Ion Ratio Lower Upper
91 100
106 32.7 26.3 39.5

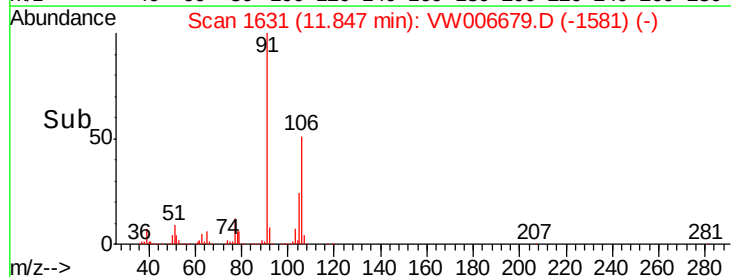
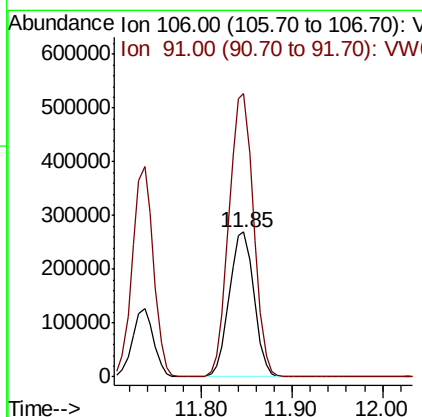
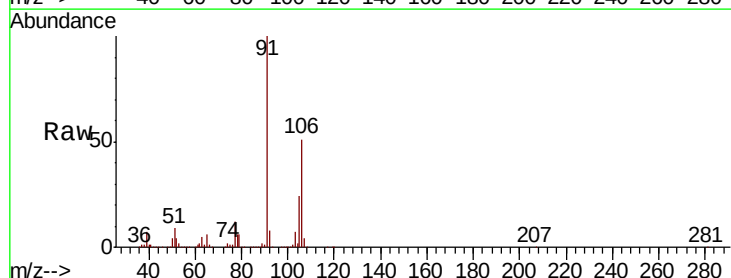
Manual Integrations
APPROVED

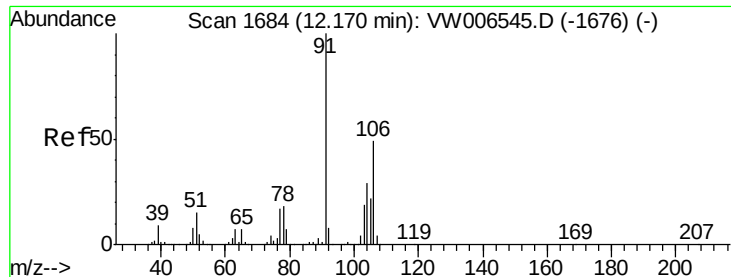
apatel
11/7/2018 2:06:07 PM



#68
m/p-Xylenes
Concen: 108.526 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 106 Resp: 508249
Ion Ratio Lower Upper
106 100
91 195.2 156.7 235.1





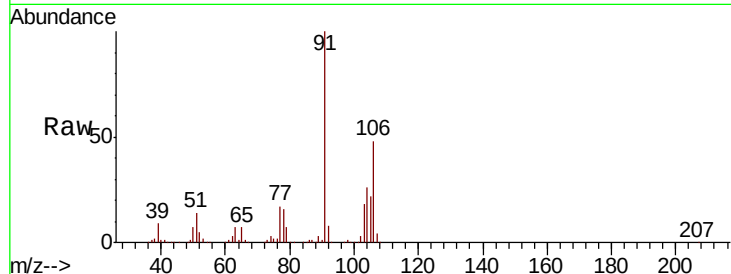
#69
o-Xylene
Concen: 53.096 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

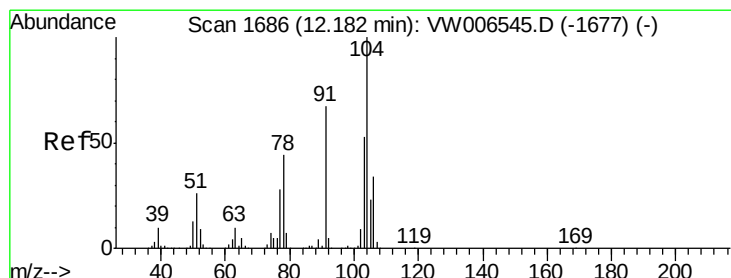
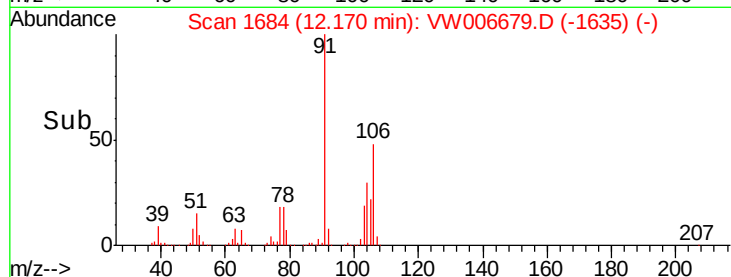
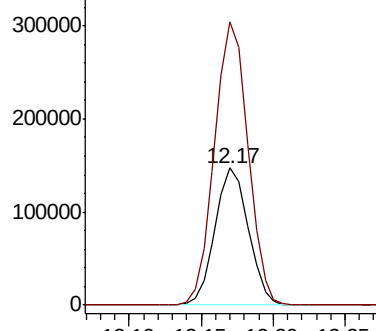
Tot Ion	Ratio	Lower	Upper
106	100		
91	207.4	102.8	308.4

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM

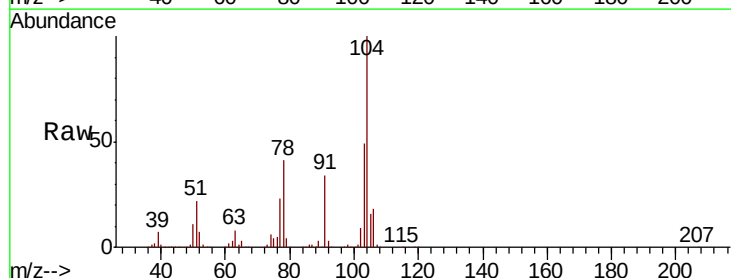


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

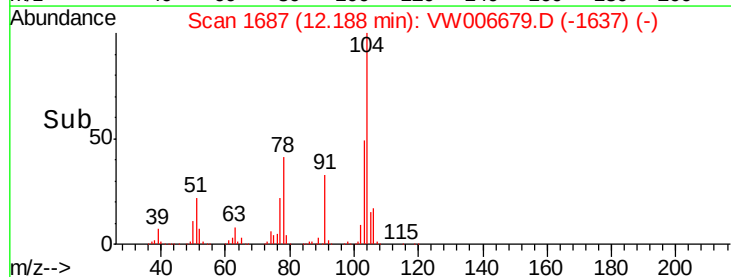
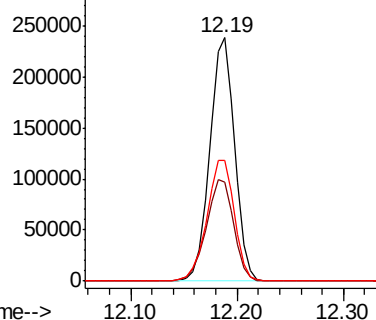


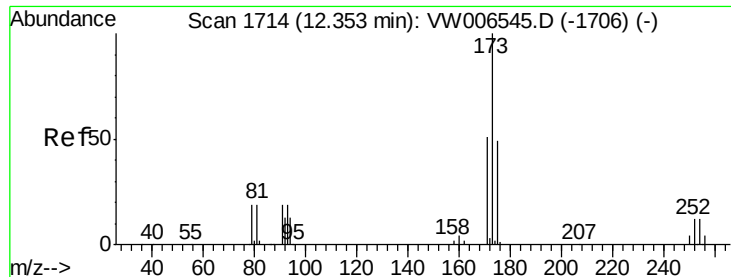
#70
Styrene
Concen: 53.673 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.2	55.8
103	55.0	44.2	66.2



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





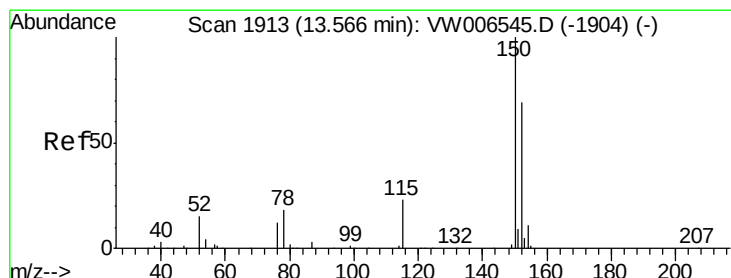
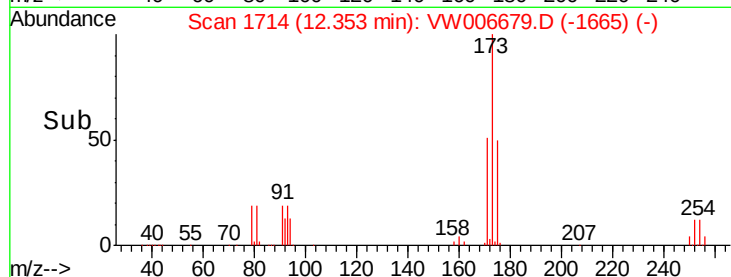
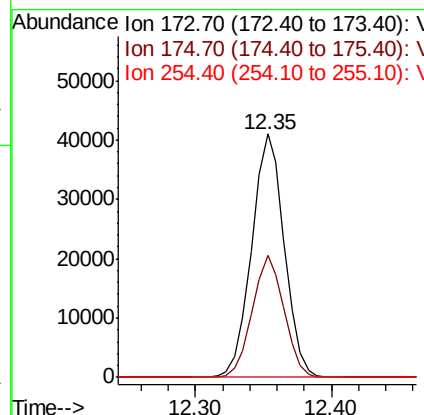
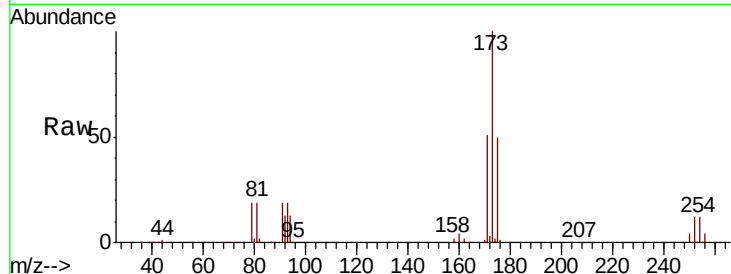
#71
 Bromoform
 Concen: 52.584 ug/l
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.1	0.1	0.1#

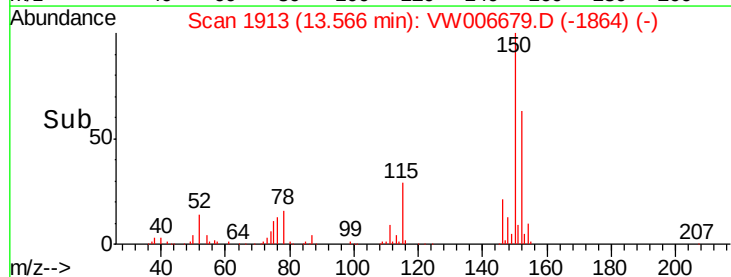
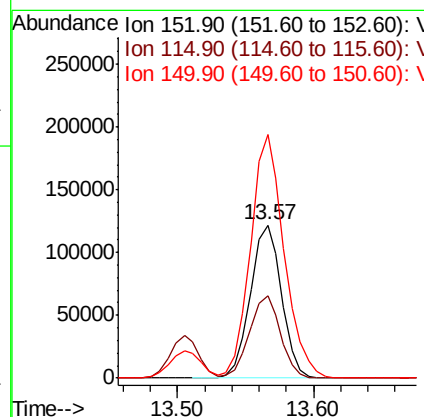
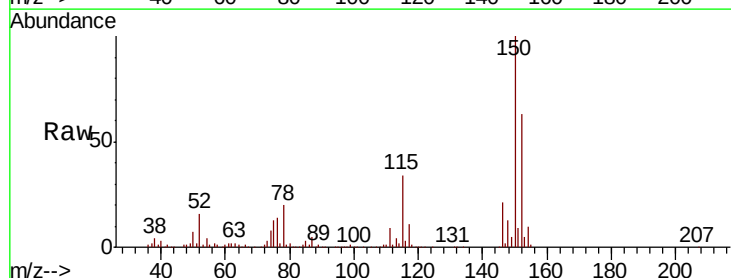
Manual Integrations
 APPROVED

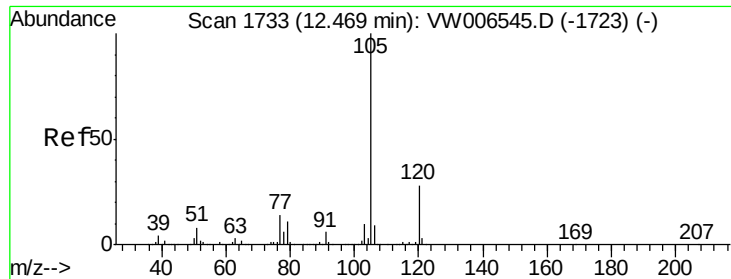
apatel
 11/7/2018 2:06:07 PM



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	172.0	0.0	344.6





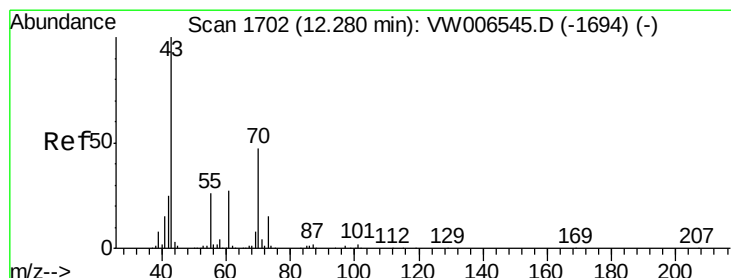
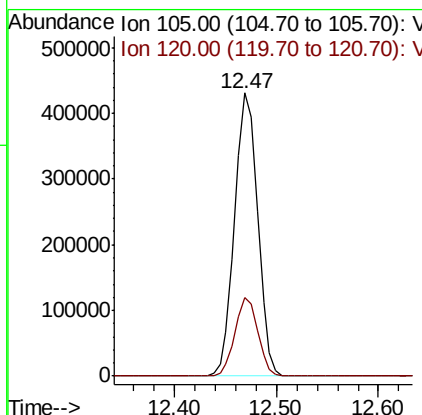
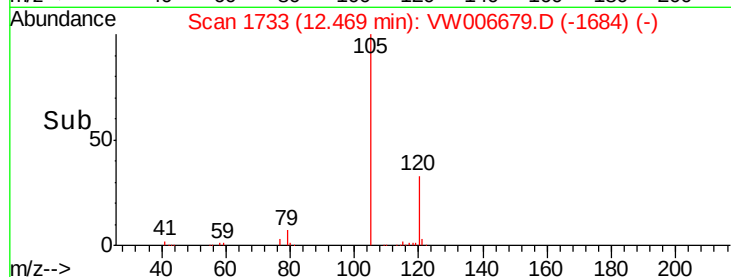
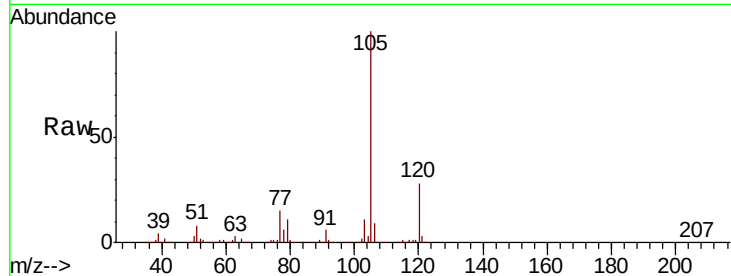
#73
Isopropylbenzene
Concen: 52.313 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

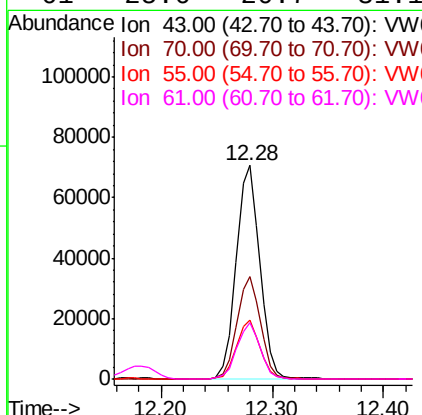
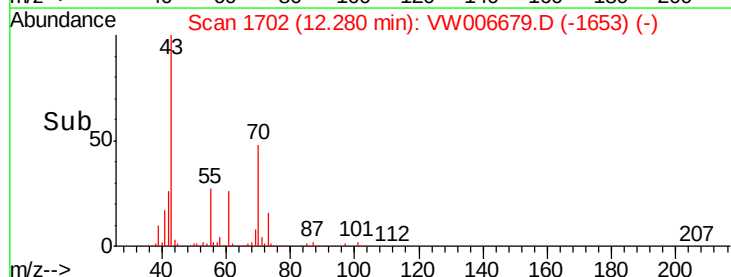
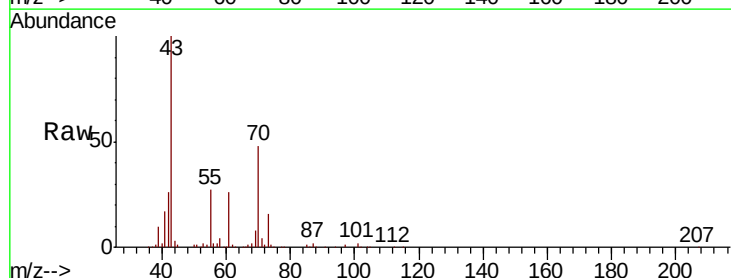
Manual Integrations
APPROVED

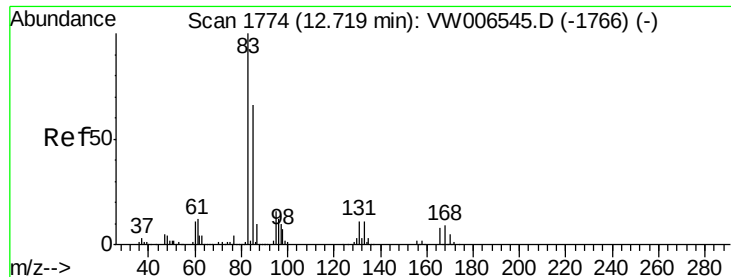
apatel
11/7/2018 2:06:07 PM



#74
N-ethyl acetate
Concen: 46.833 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.6	36.9	55.3
55	27.4	20.7	31.1
61	25.6	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

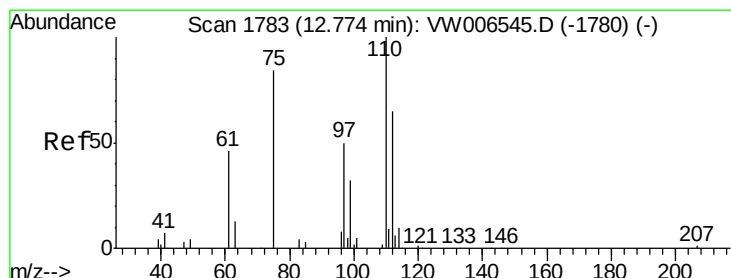
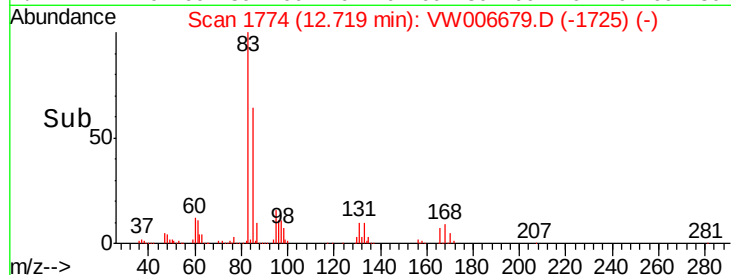
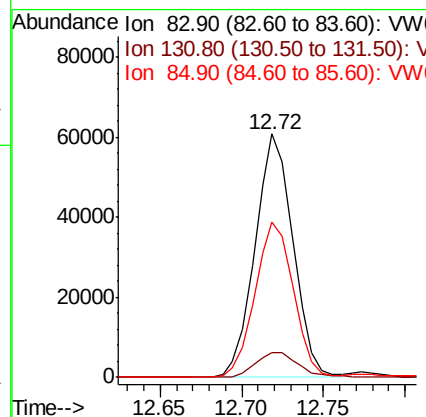
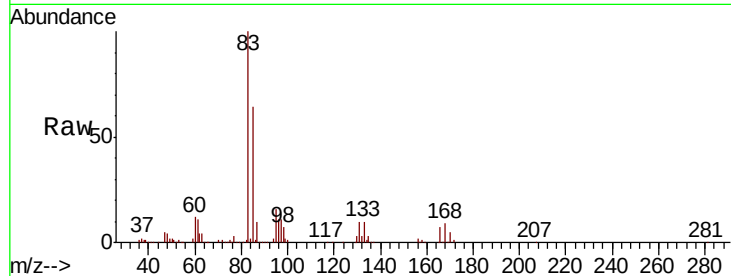
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	98644
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	64.7	32.3	96.8

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#76

1,2,3-Trichloropropane

Concen: 41.158 ug/l m

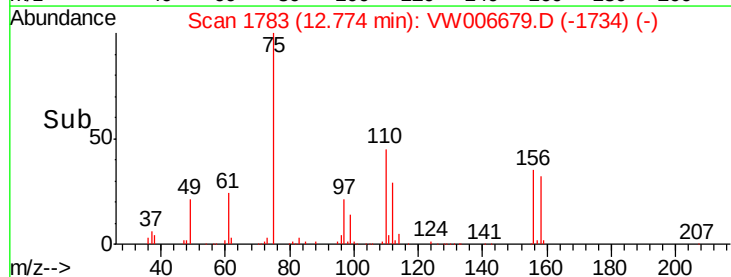
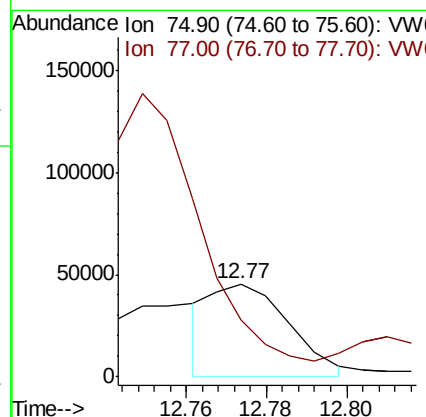
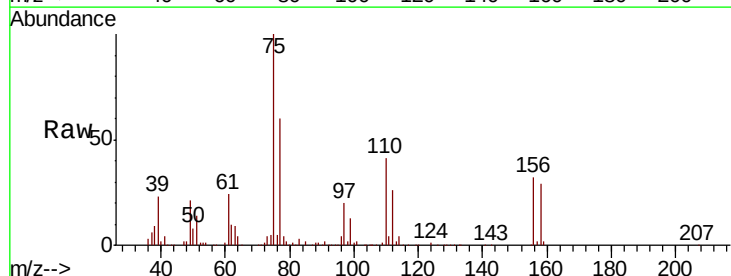
RT: 12.77 min Scan# 1783

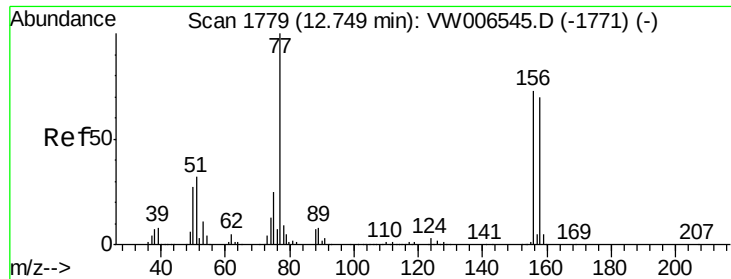
Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	75	Resp:	62592
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.939 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

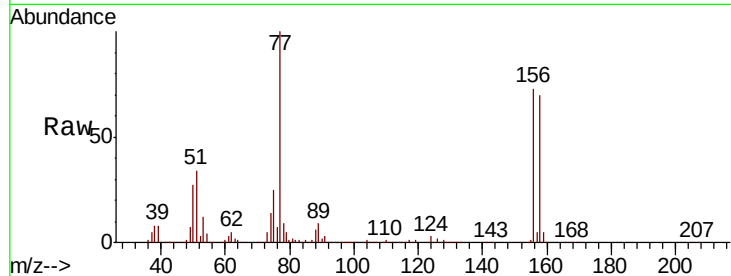
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	150.0	75.9	227.8	
158	97.1	48.6	145.9	

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM

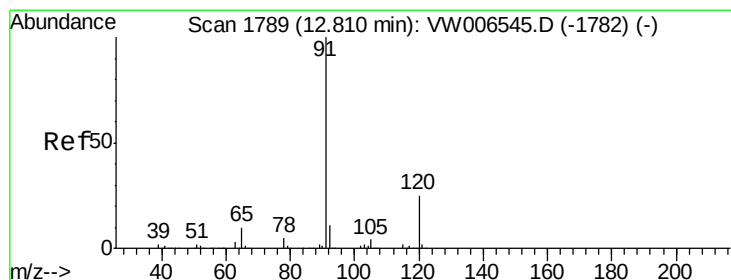
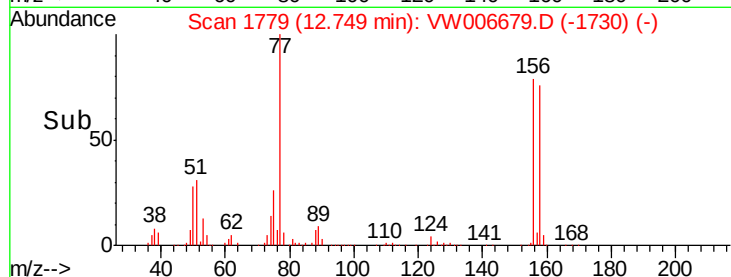
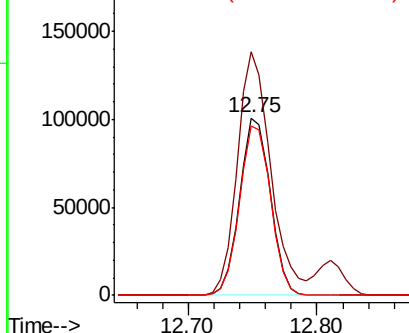


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.506 ug/l

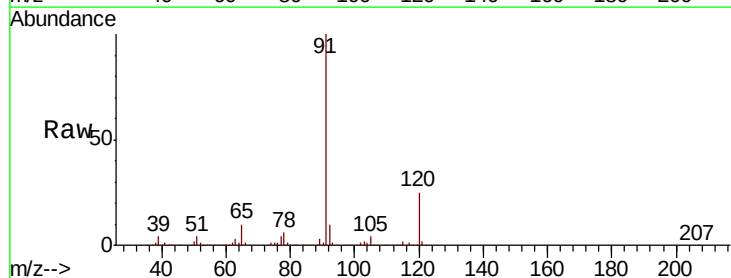
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

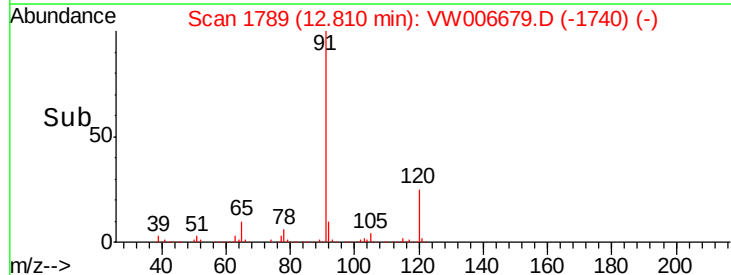
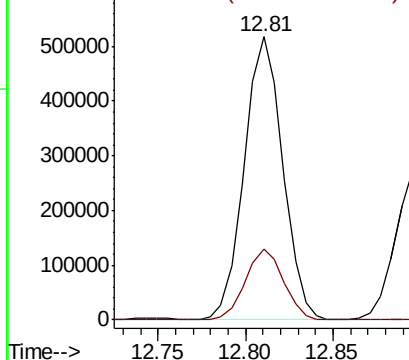
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.8	12.4	37.0	

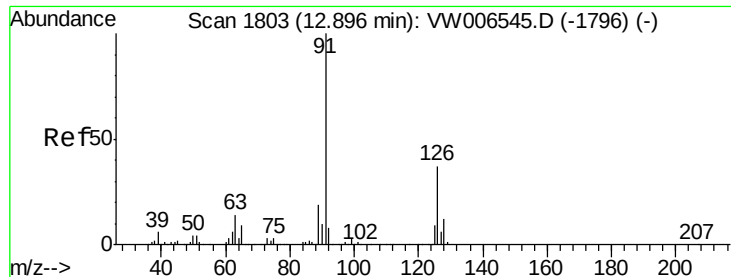


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





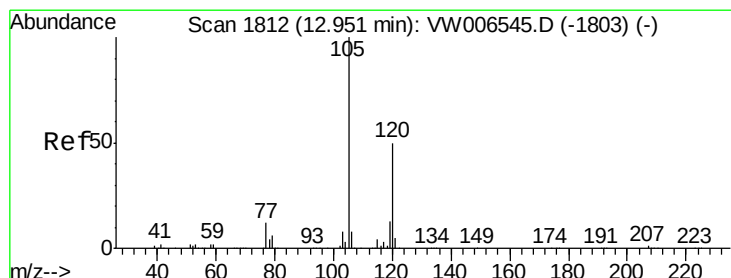
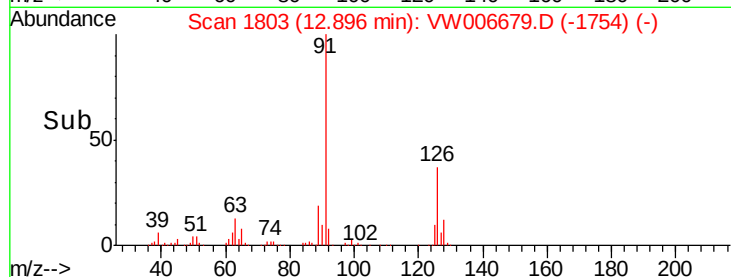
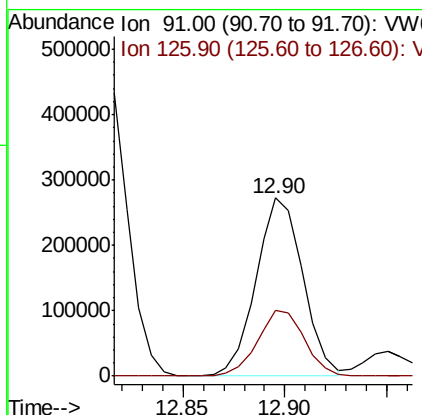
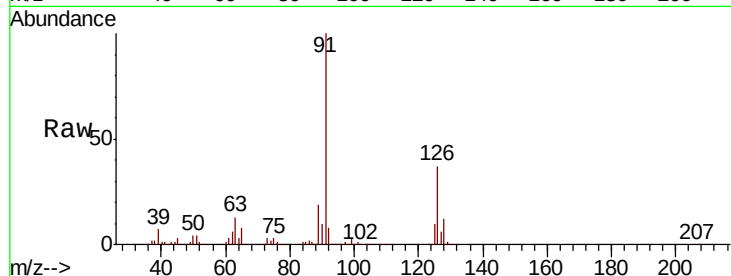
#79
2-Chlorotoluene
Concen: 51.517 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 436654
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

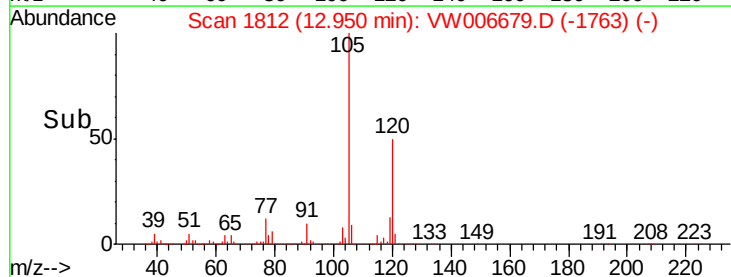
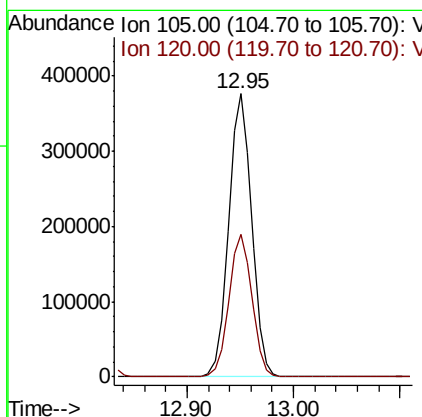
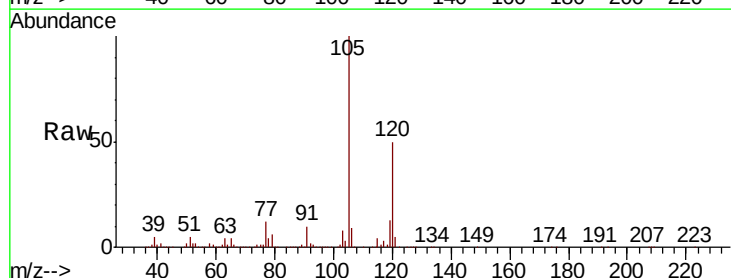
Manual Integrations
APPROVED

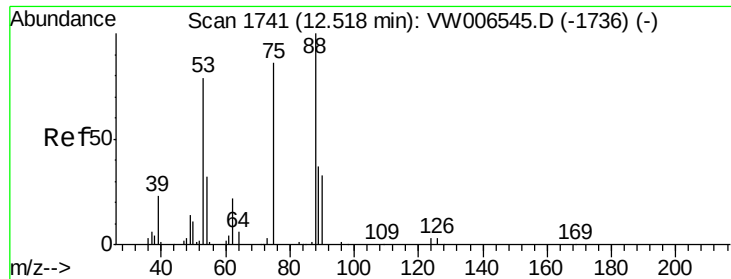
apatel
11/7/2018 2:06:07 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.798 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion: 105 Resp: 569547
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.790 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

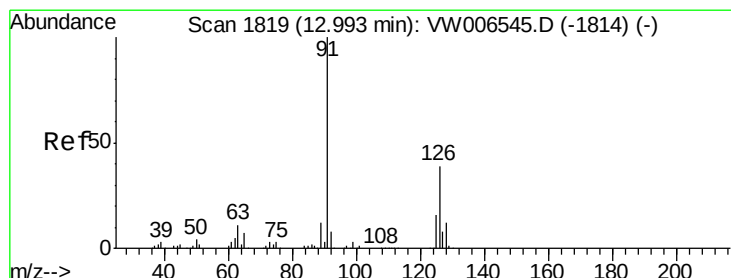
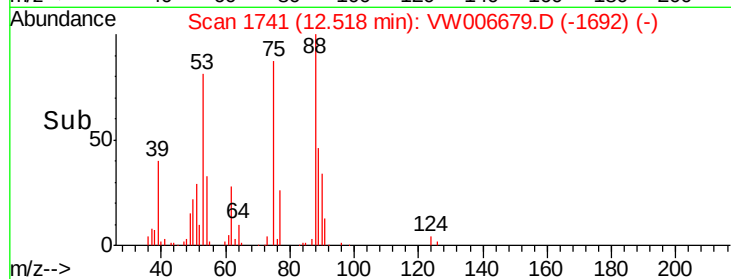
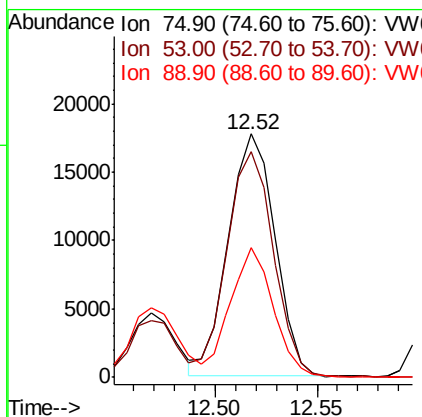
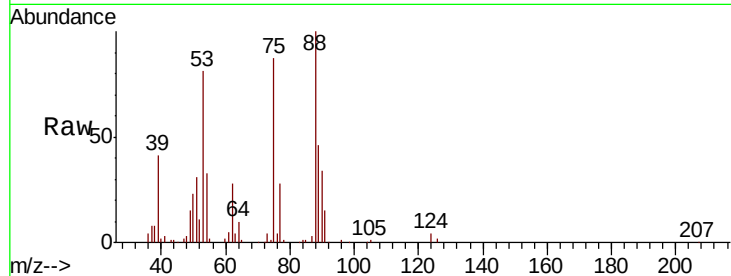
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	27991
Ion	Ratio	Lower	Upper
75	100		
53	94.5	77.2	115.8
89	49.6	38.6	58.0

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#82

4-Chlorotoluene

Concen: 51.170 ug/l

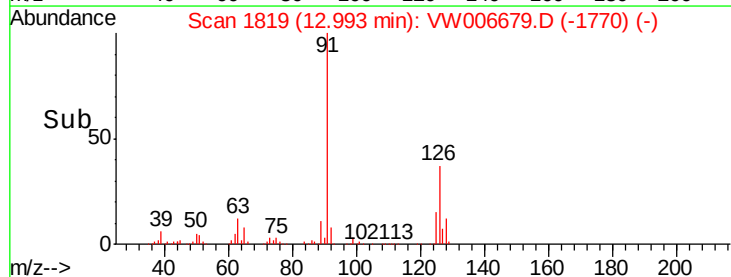
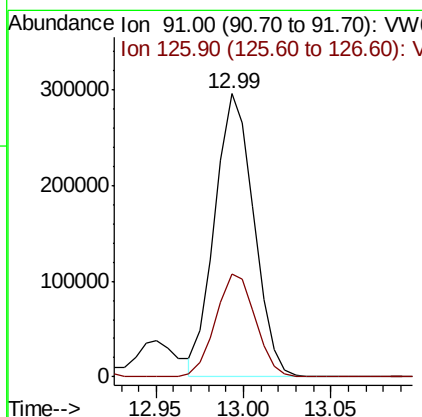
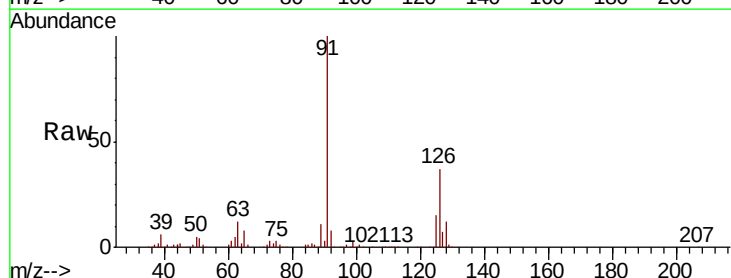
RT: 12.99 min Scan# 1819

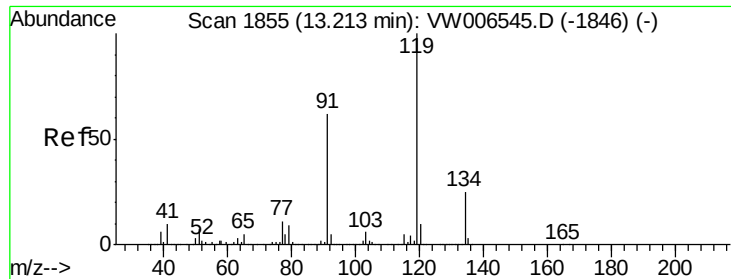
Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion:	91	Resp:	458845
Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5





#83

tert-Butylbenzene

Concen: 52.855 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

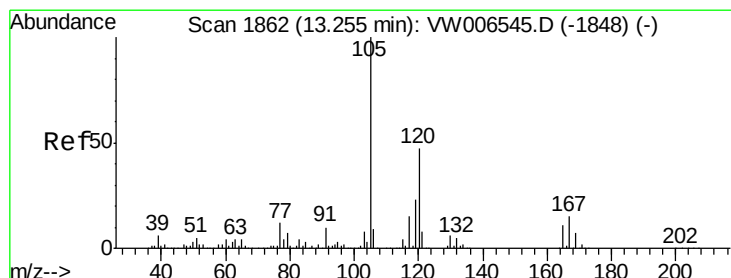
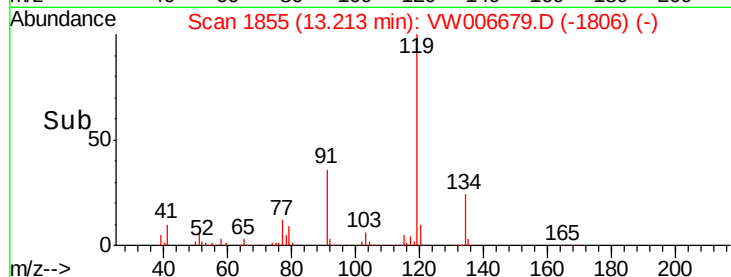
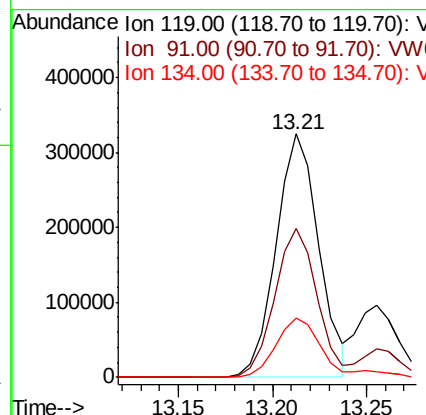
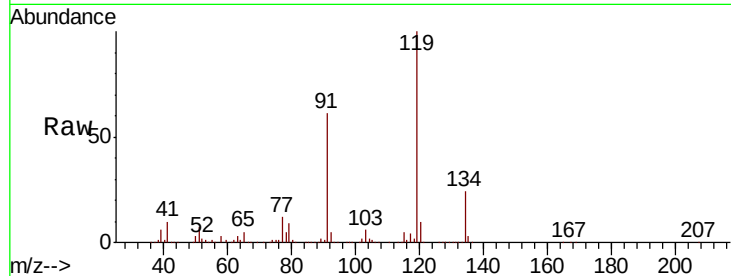
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	508448		
91	61.8		30.4	91.3
134	27.0		13.5	40.4

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#84

1,2,4-Trimethylbenzene

Concen: 52.263 ug/l

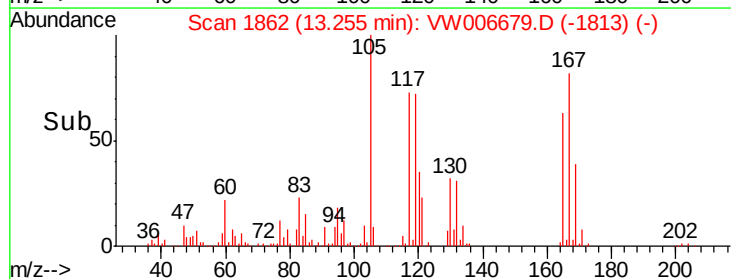
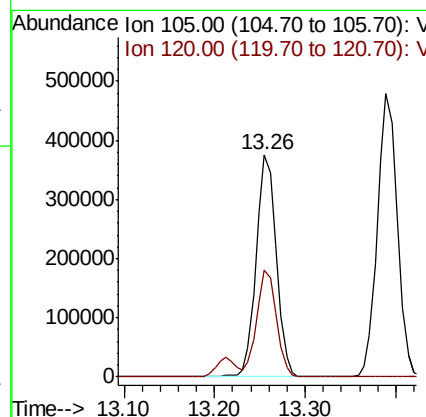
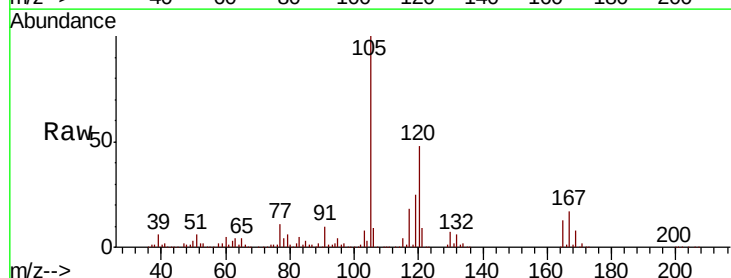
RT: 13.26 min Scan# 1862

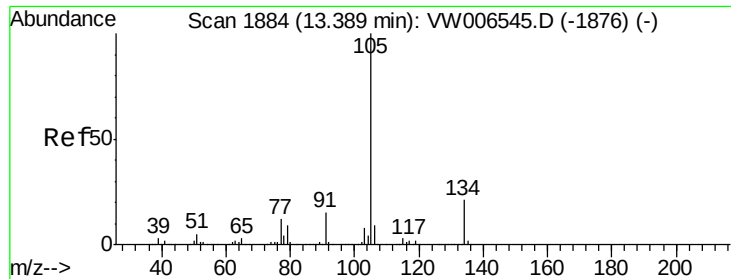
Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	578272		
120	46.9		23.2	69.6





#85

sec-Butylbenzene

Concen: 54.043 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 728129

Ion Ratio Lower Upper

105 100

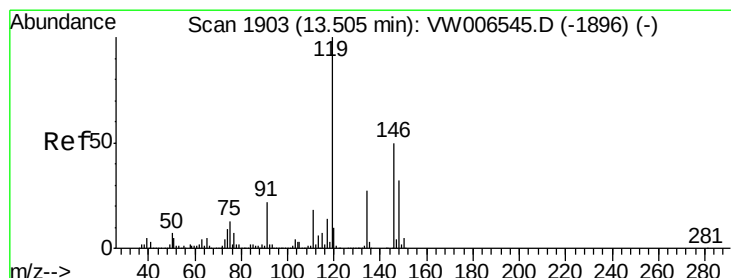
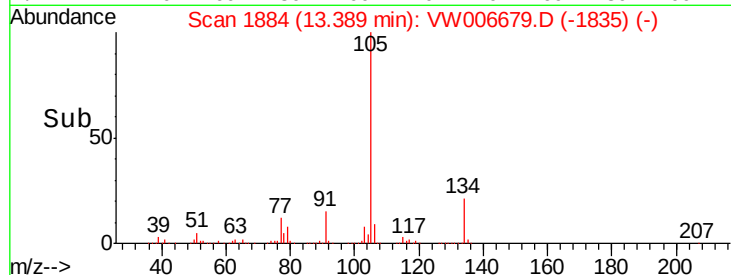
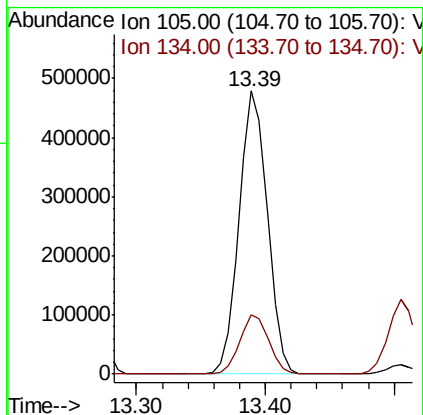
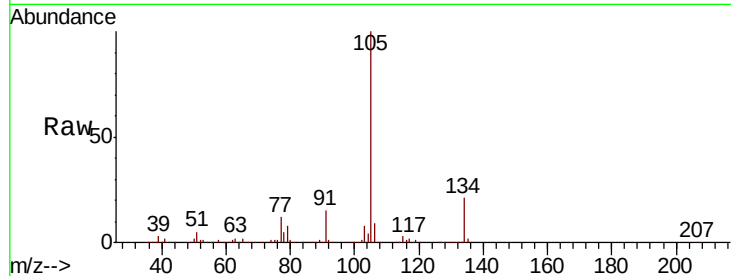
134 21.2 10.6 31.8

Manual Integrations

APPROVED

apatel

11/7/2018 2:06:07 PM



#86

p-Isopropyltoluene

Concen: 53.976 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006679.D

Acq: 06 Nov 2018 11:46

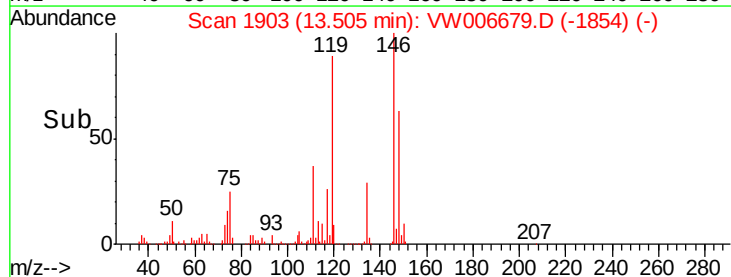
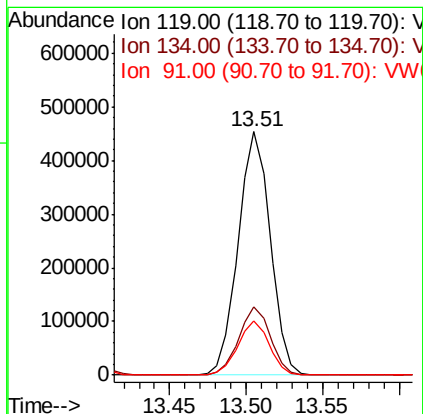
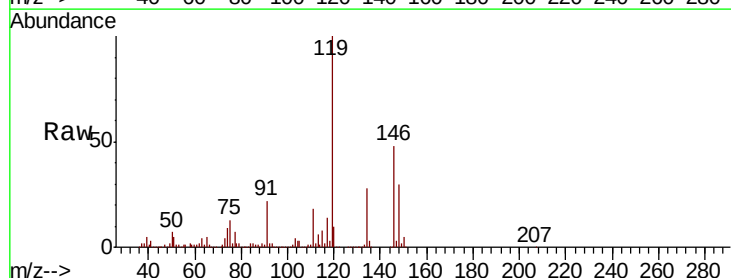
Tgt Ion:119 Resp: 661709

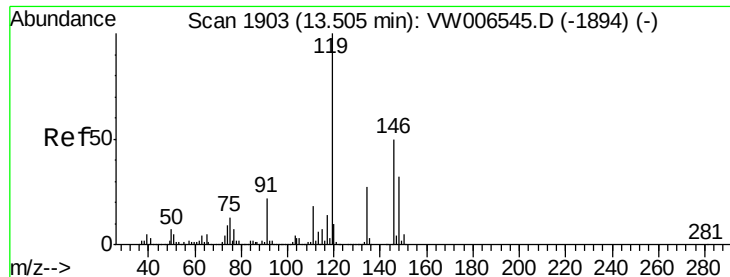
Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.7

91 21.8 10.9 32.6





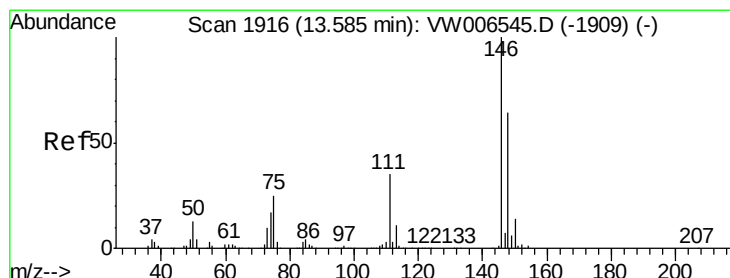
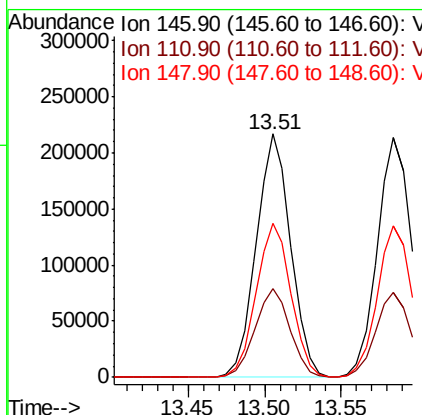
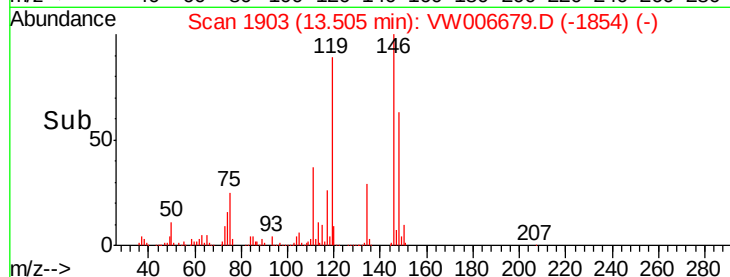
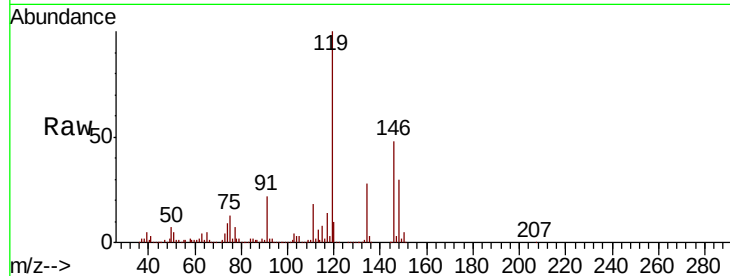
#87
 1,3-Dichlorobenzene
 Concen: 51.872 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.6
148	63.7	32.1	96.3

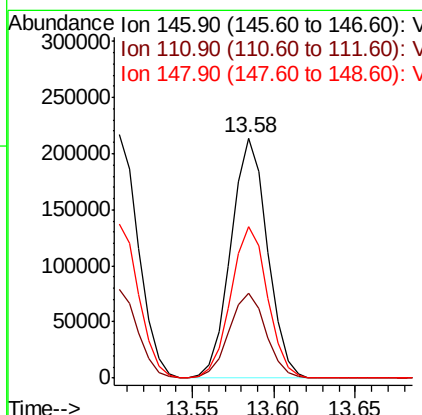
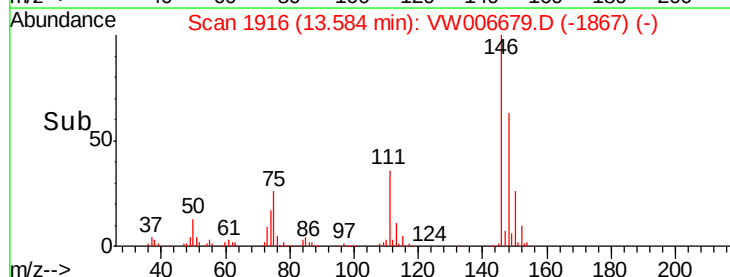
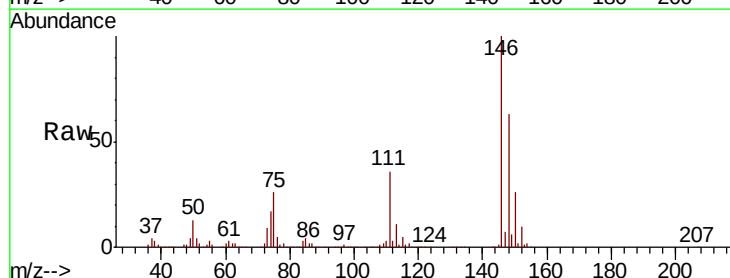
Manual Integrations
 APPROVED

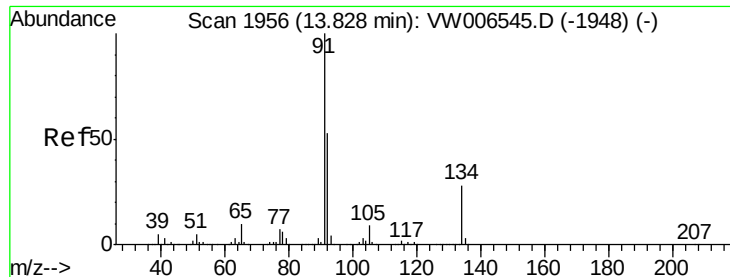
apatel
 11/7/2018 2:06:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.277 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.7
148	63.6	32.1	96.5





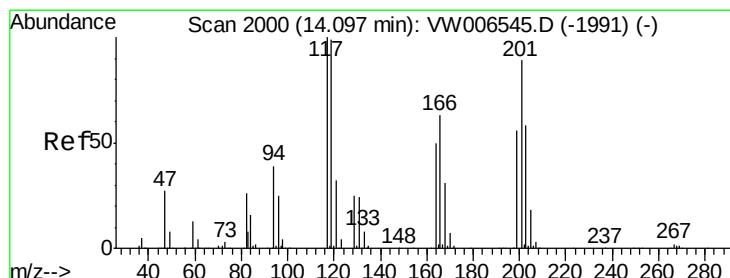
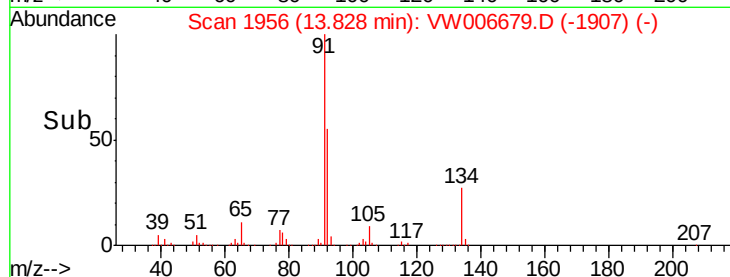
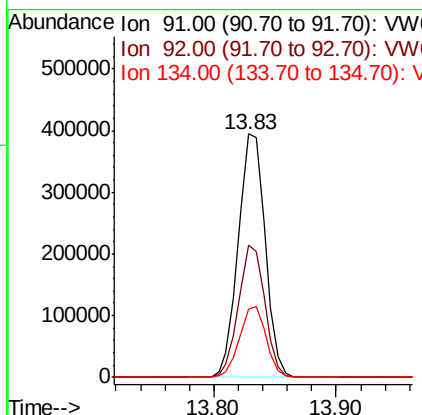
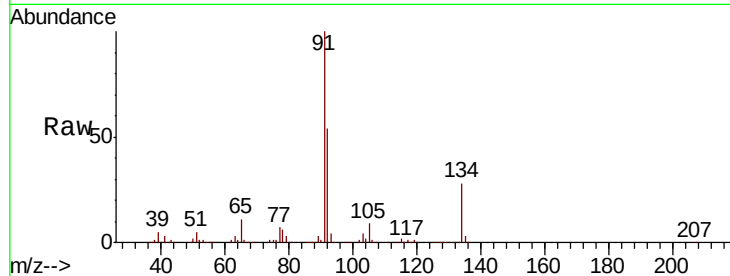
#89
n-Butylbenzene
Concen: 55.148 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	28.8	14.3	42.9

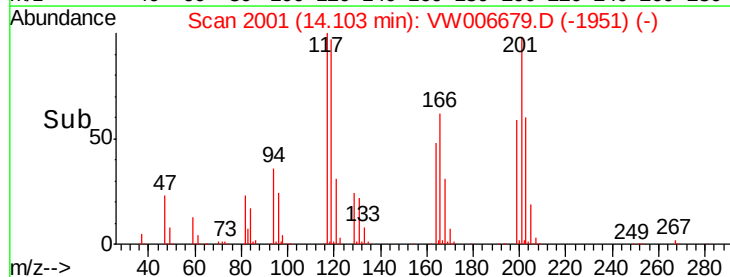
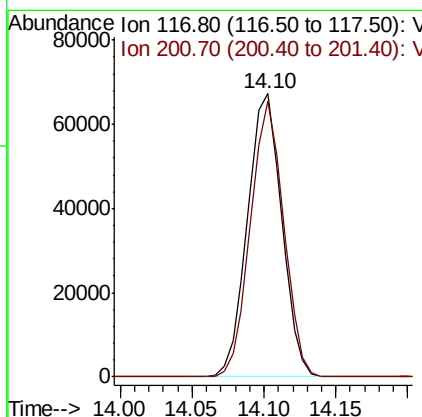
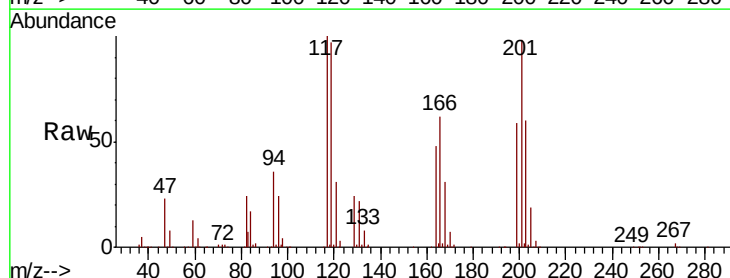
Manual Integrations
APPROVED

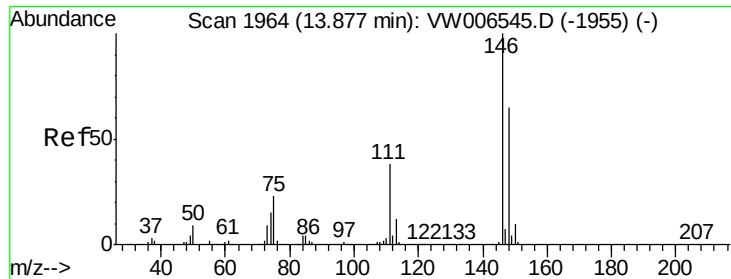
apatel
11/7/2018 2:06:07 PM



#90
Hexachloroethane
Concen: 54.933 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	46.8	140.3





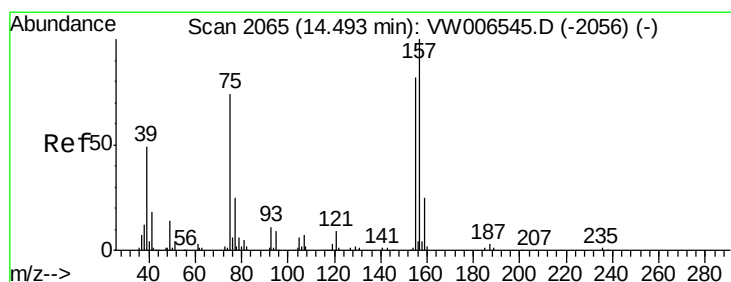
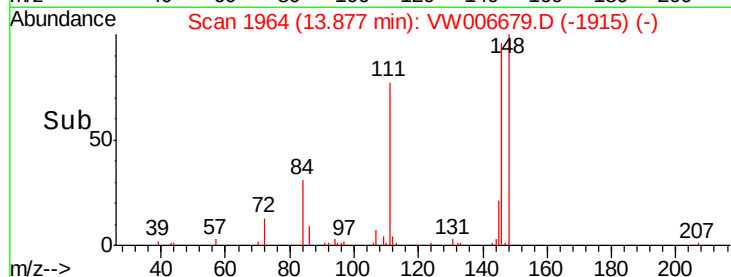
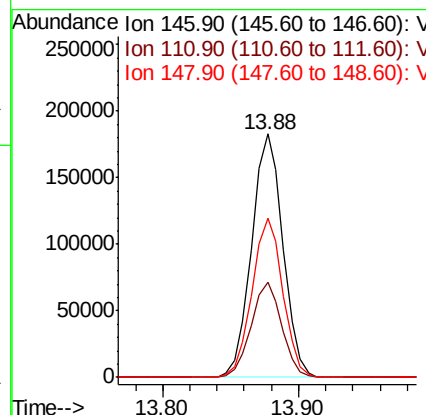
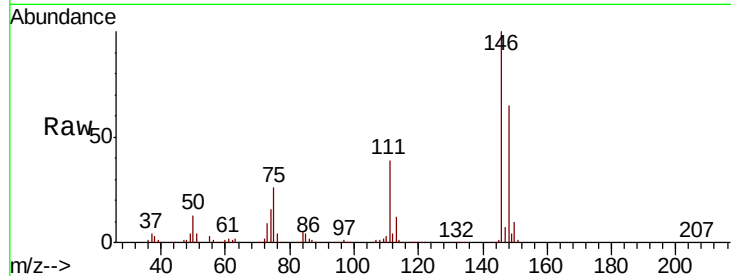
#91
 1,2-Dichlorobenzene
 Concen: 50.059 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294810		
111	38.1	19.1	57.5	
148	64.4	32.0	96.0	

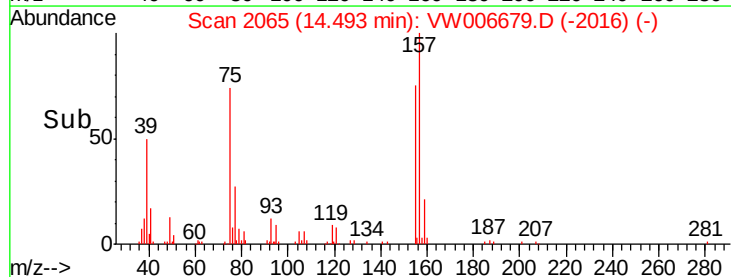
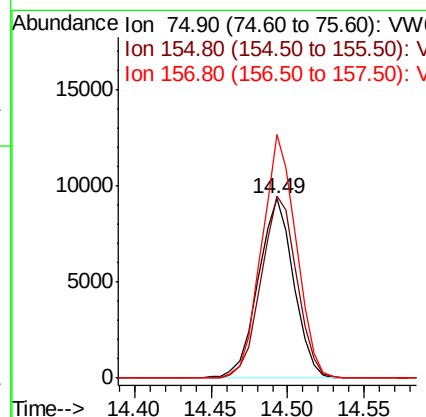
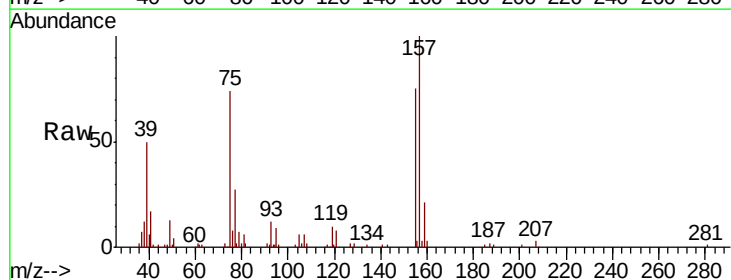
Manual Integrations
 APPROVED

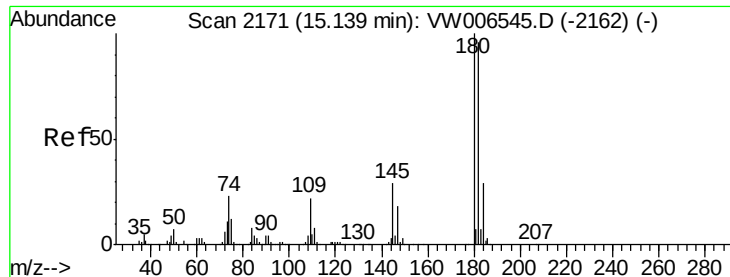
apatel
 11/7/2018 2:06:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.933 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15115		
155	101.7	50.6	151.8	
157	131.8	65.0	195.0	





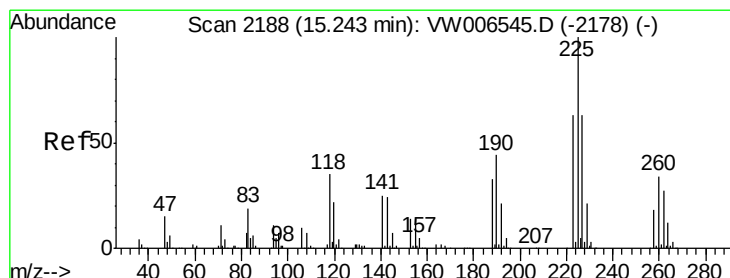
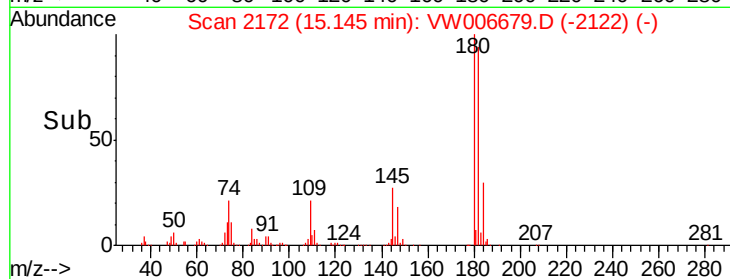
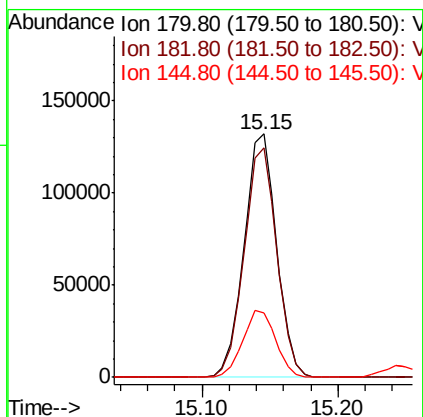
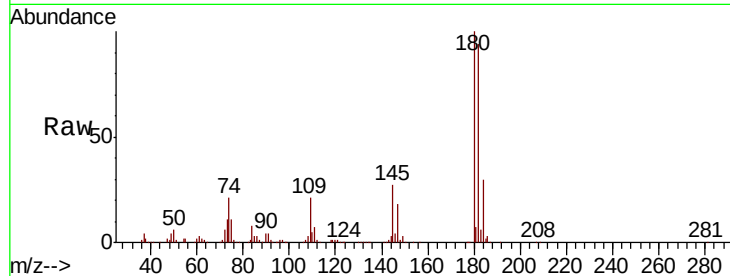
#93
 1,2,4-Trichlorobenzene
 Concen: 50.321 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	220358		
182	94.8	47.5	142.6	
145	28.0	14.0	42.0	

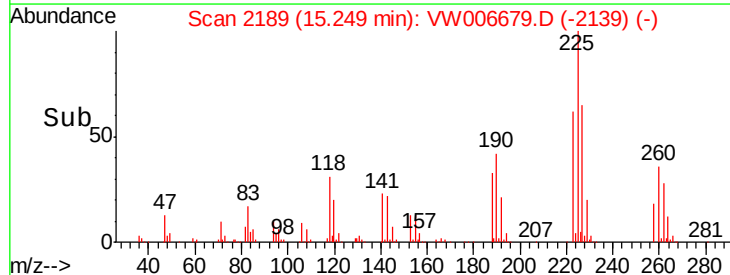
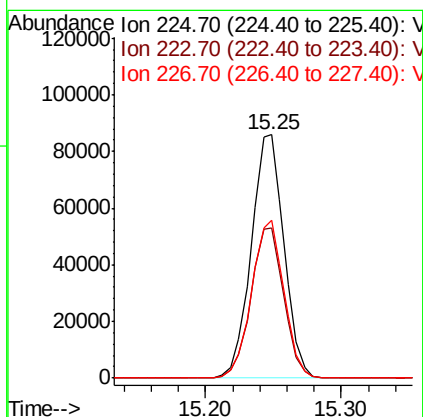
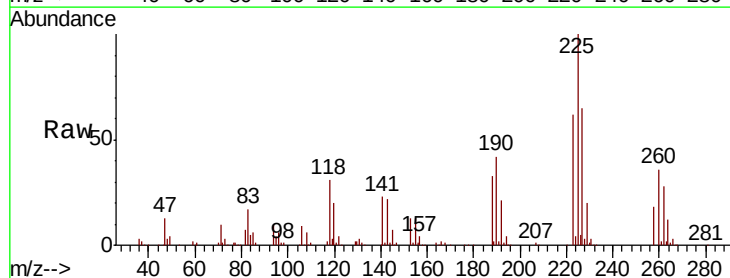
Manual Integrations
 APPROVED

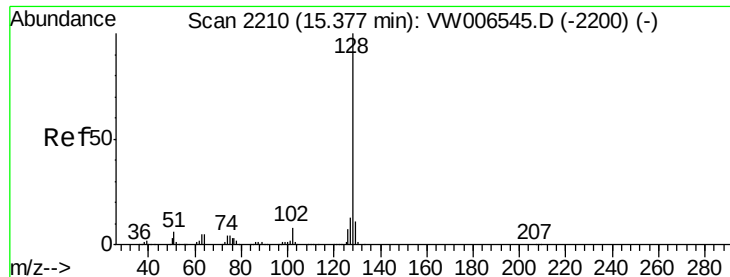
apatel
 11/7/2018 2:06:07 PM



#94
 Hexachlorobutadiene
 Concen: 53.016 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006679.D
 Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144693		
223	62.2	31.4	94.2	
227	64.1	32.2	96.6	





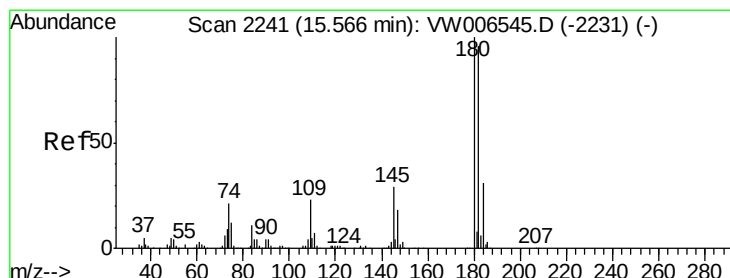
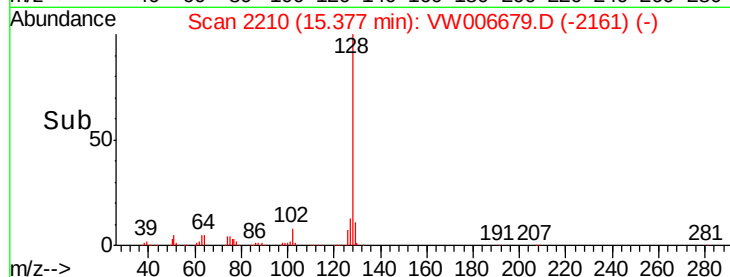
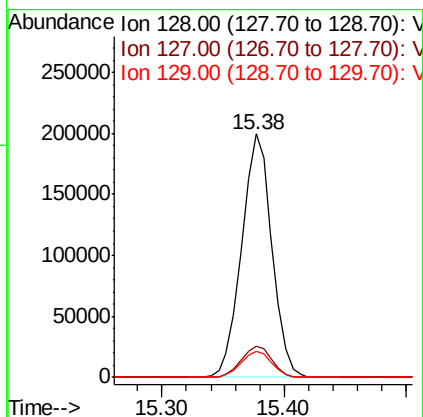
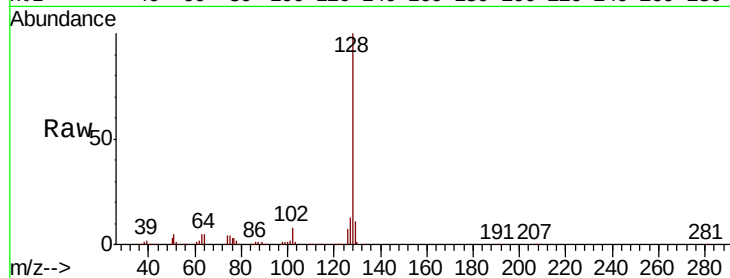
#95
Naphthalene
Concen: 48.464 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.709 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006679.D
Acq: 06 Nov 2018 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.2	144.6
145	29.6	14.9	44.5

