

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006809.D
 Acq On : 12 Nov 2018 15:23
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:50 AM

Quant Time: Nov 13 02:51:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	448834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	255146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109480	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
35) Dibromofluoromethane	7.89	113	118875	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
50) Toluene-d8	10.33	98	510112	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
62) 4-Bromofluorobenzene	12.62	95	191432	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	128120	44.092	ug/l	98
3) Chloromethane	2.21	50	147144	44.918	ug/l	99
4) Vinyl Chloride	2.36	62	161149	45.827	ug/l	100
5) Bromomethane	2.78	94	113583	48.011	ug/l	98
6) Chloroethane	2.92	64	100531	44.304	ug/l	99
7) Trichlorofluoromethane	3.26	101	208577	44.935	ug/l	99
8) Diethyl Ether	3.69	74	60479	44.403	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	134267	42.659	ug/l	99
10) Methyl Iodide	4.28	142	196786	44.610	ug/l	100
11) Tert butyl alcohol	5.20	59	39475	233.719	ug/l	100
12) 1,1-Dichloroethene	4.04	96	117456	44.180	ug/l	99
13) Acrolein	3.90	56	38509	217.999	ug/l	99
14) Allyl chloride	4.68	41	158422	45.305	ug/l	100
15) Acrylonitrile	5.38	53	119367	231.407	ug/l	99
16) Acetone	4.14	43	85892	232.440	ug/l	99
17) Carbon Disulfide	4.38	76	383849	45.654	ug/l	100
18) Methyl Acetate	4.68	43	55201	43.671	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	292608	46.358	ug/l	99
20) Methylene Chloride	4.92	84	150131	44.005	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	136651	43.583	ug/l	100
22) Diisopropyl ether	6.32	45	332780	45.824	ug/l	99
23) Vinyl Acetate	6.26	43	962417	235.082	ug/l	99
24) 1,1-Dichloroethane	6.22	63	212154	44.049	ug/l	100
25) 2-Butanone	7.18	43	142209	227.562	ug/l	99
26) 2,2-Dichloropropane	7.18	77	211318	43.606	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	149605	44.755	ug/l	99
28) Bromochloromethane	7.52	49	79084	46.942	ug/l	99
29) Tetrahydrofuran	7.54	42	90601	226.544	ug/l	99
30) Chloroform	7.68	83	232329	44.179	ug/l	97
31) Cyclohexane	7.96	56	215194	43.649	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	223022	43.935	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196089	45.166	ug/l	100
37) Ethyl Acetate	7.26	43	64977	45.769	ug/l	98
38) Carbon Tetrachloride	8.07	117	209795	44.461	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006809.D
 Acq On : 12 Nov 2018 15:23
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 ICVVW111218

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:50 AM

Quant Time: Nov 13 02:51:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260872	46.314	ug/l	97
40) Benzene	8.33	78	550122	45.568	ug/l	100
41) Methacrylonitrile	7.49	41	41294	47.372	ug/l	94
42) 1,2-Dichloroethane	8.40	62	143982	44.515	ug/l	99
43) Isopropyl Acetate	8.43	43	128041	46.375	ug/l	99
44) Trichloroethene	9.10	130	170841	44.849	ug/l	99
45) 1,2-Dichloropropane	9.37	63	129038	45.861	ug/l	98
46) Dibromomethane	9.46	93	70330	44.905	ug/l	100
47) Bromodichloromethane	9.65	83	174126	44.823	ug/l	99
48) Methyl methacrylate	9.44	41	62714	46.329	ug/l	99
49) 1,4-Dioxane	9.47	88	23304	984.844	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	330922	239.028	ug/l	99
52) Toluene	10.39	92	399825	46.716	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	178513	46.677	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	210727	46.467	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105527	45.406	ug/l	99
56) Ethyl methacrylate	10.65	69	124415	48.846	ug/l	97
57) 1,3-Dichloropropane	10.93	76	167986	45.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	295851	231.917	ug/l	100
59) 2-Hexanone	10.97	43	238179	249.418	ug/l	98
60) Dibromochloromethane	11.13	129	131382	46.199	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101631	46.044	ug/l	99
64) Tetrachloroethene	10.87	164	165847	46.109	ug/l	99
65) Chlorobenzene	11.66	112	462553	46.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	149376	46.232	ug/l	99
67) Ethyl Benzene	11.74	91	802098	47.251	ug/l	99
68) m/p-Xylenes	11.84	106	652185	93.901	ug/l	100
69) o-Xylene	12.17	106	301890	46.703	ug/l	97
70) Styrene	12.18	104	493753	47.724	ug/l	99
71) Bromoform	12.35	173	82137	46.581	ug/l #	100
73) Isopropylbenzene	12.47	105	839016	47.374	ug/l	99
74) N-amyl acetate	12.27	43	132389	49.438	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	114843	46.875	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90344m	49.134	ug/l	
77) Bromobenzene	12.75	156	207452	46.460	ug/l	99
78) n-propylbenzene	12.81	91	985257	47.135	ug/l	100
79) 2-Chlorotoluene	12.90	91	546873	46.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	718959	47.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	35562	47.840	ug/l	99
82) 4-Chlorotoluene	12.99	91	583590	46.640	ug/l	100
83) tert-Butylbenzene	13.21	119	638853	47.470	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	732972	47.306	ug/l	100
85) sec-Butylbenzene	13.39	105	900805	47.235	ug/l	100
86) p-Isopropyltoluene	13.51	119	829236	47.804	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	424073	46.599	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	419344	46.575	ug/l	100
89) n-Butylbenzene	13.83	91	753688	47.543	ug/l	100
90) Hexachloroethane	14.10	117	130620	47.059	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	370982	46.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18758	47.823	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006809.D
Acq On : 12 Nov 2018 15:23
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111218

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM

Quant Time: Nov 13 02:51:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	283531	47.386	ug/l	99
94) Hexachlorobutadiene	15.24	225	174818	46.109	ug/l	100
95) Naphthalene	15.38	128	438840	49.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	240150	46.769	ug/l	99

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

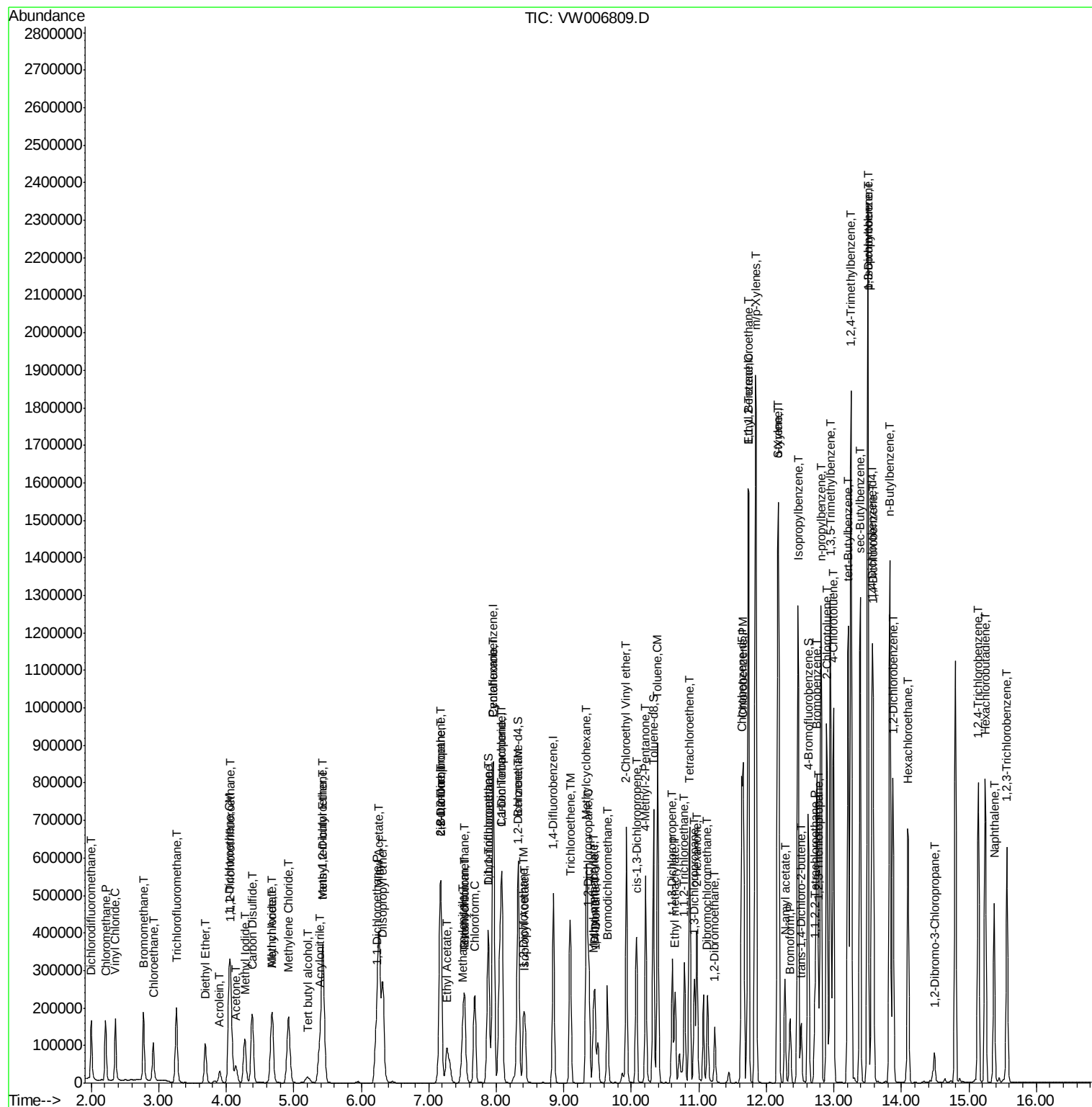
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006809.D
Acq On : 12 Nov 2018 15:23
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

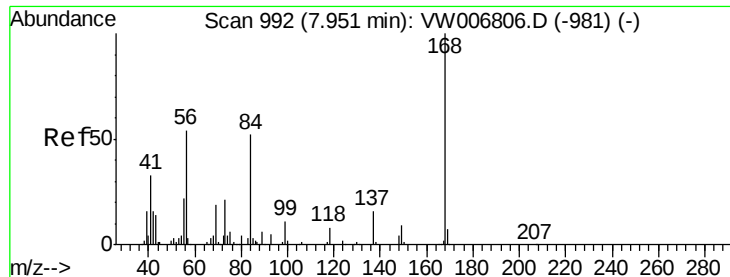
Instrument :
MSVOA_W
ClientSampleId :
ICVWV111218

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM

Quant Time: Nov 13 02:51:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion:168 Resp: 351974

Ion Ratio Lower Upper

168 100

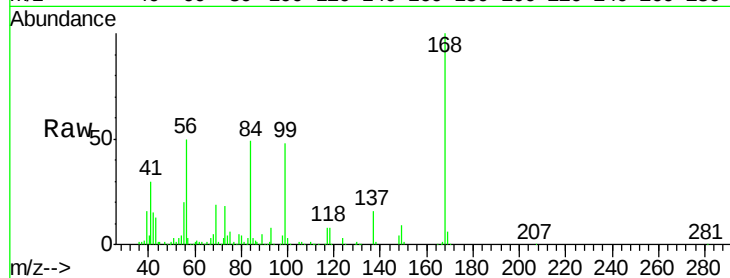
99 48.3 37.3 55.9

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

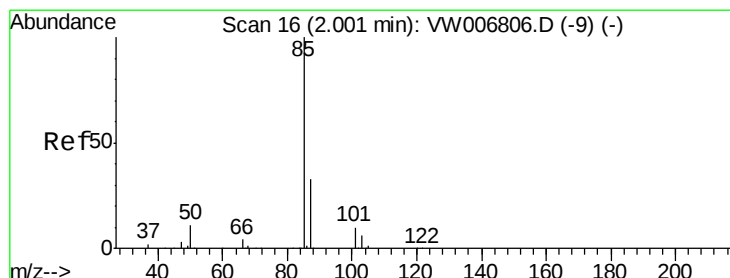
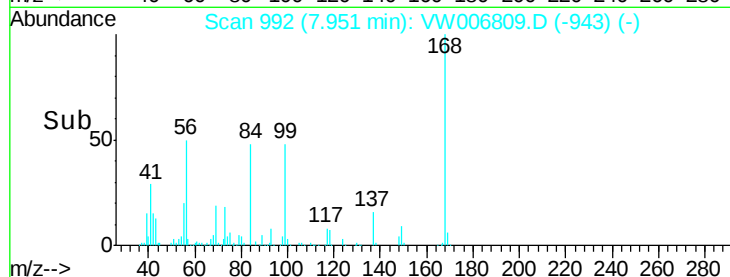
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 44.092 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006809.D

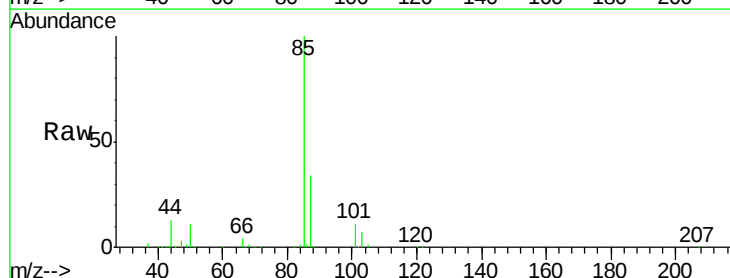
Acq: 12 Nov 2018 15:23

Tgt Ion: 85 Resp: 128120

Ion Ratio Lower Upper

85 100

87 34.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

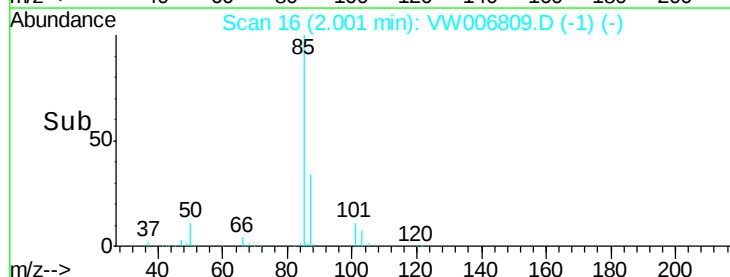
60000

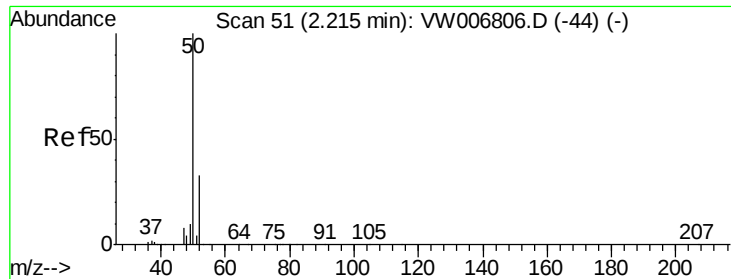
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 44.918 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 50 Resp: 147144

Ion Ratio Lower Upper

50 100

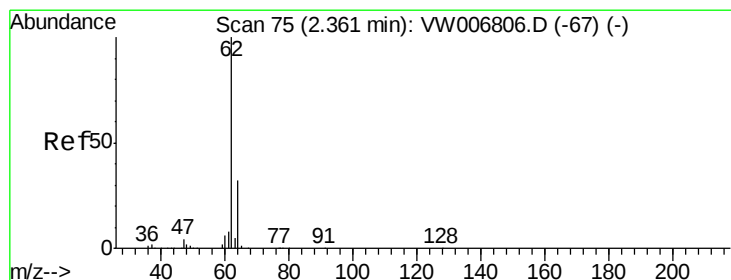
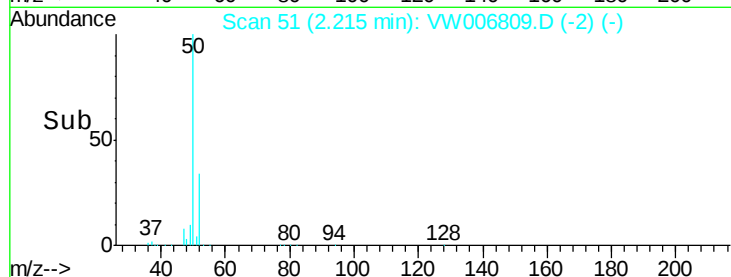
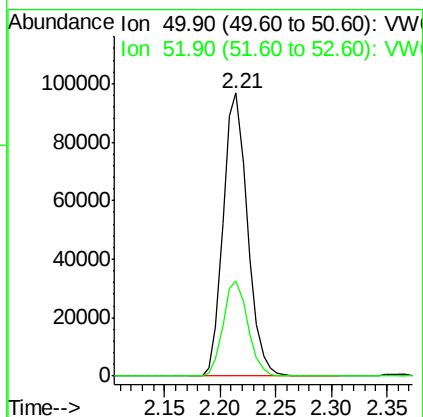
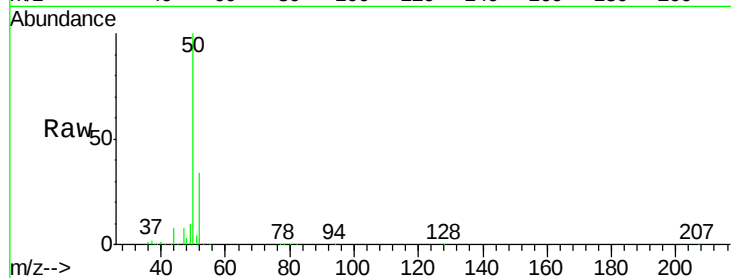
52 33.6 26.2 39.4

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



#4

Vinyl Chloride

Concen: 45.827 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006809.D

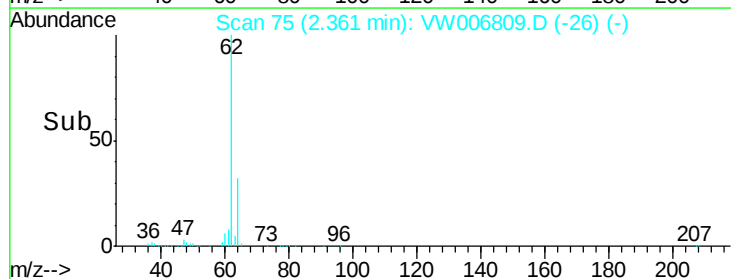
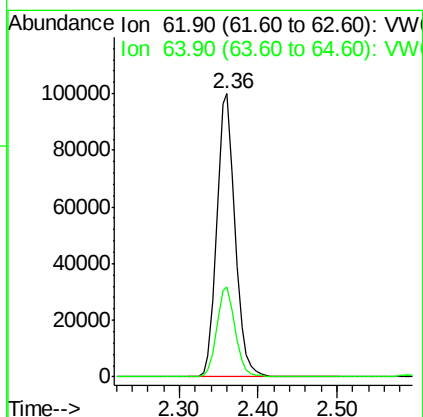
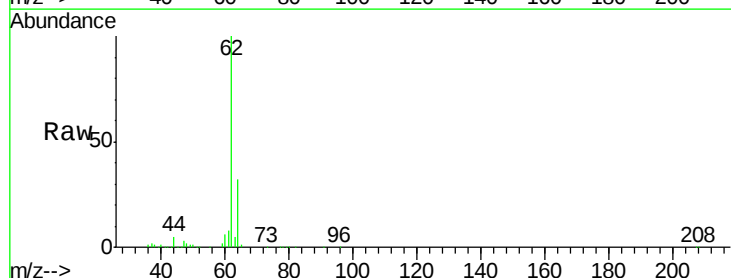
Acq: 12 Nov 2018 15:23

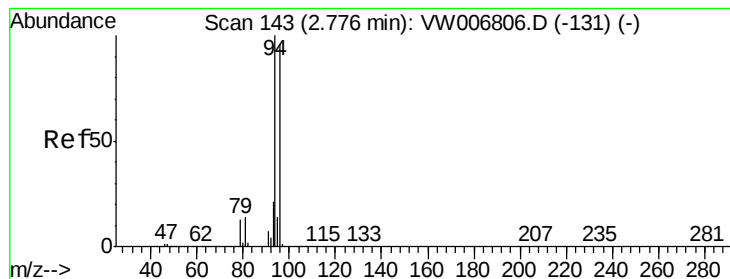
Tgt Ion: 62 Resp: 161149

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 48.011 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 94 Resp: 113583

Ion Ratio Lower Upper

94 100

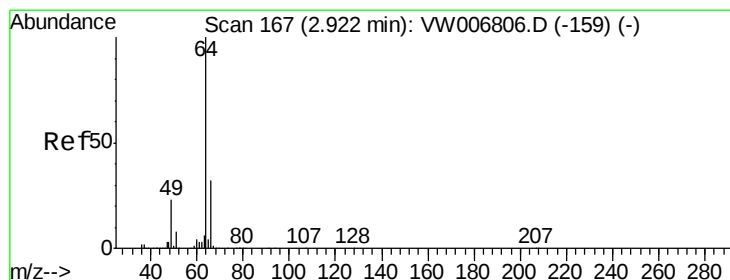
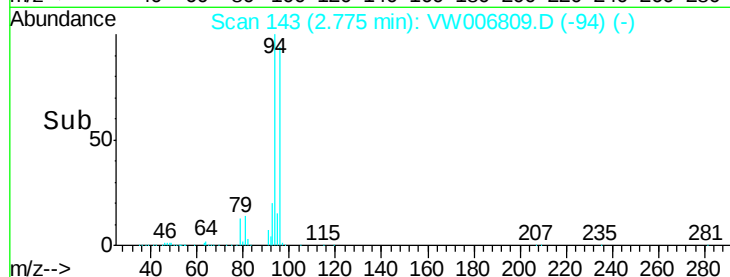
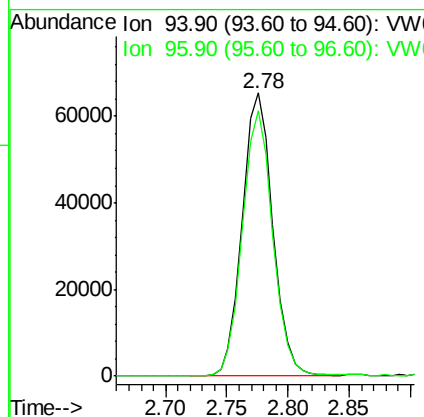
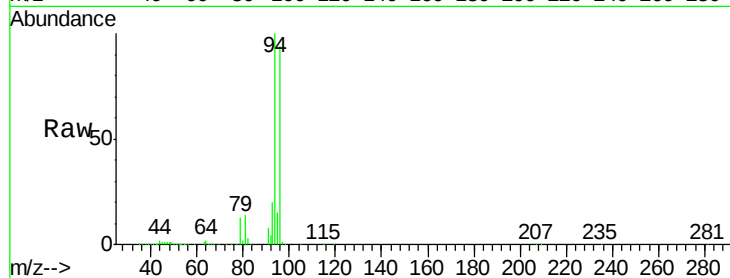
96 93.6 76.8 115.2

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



#6

Chloroethane

Concen: 44.304 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006809.D

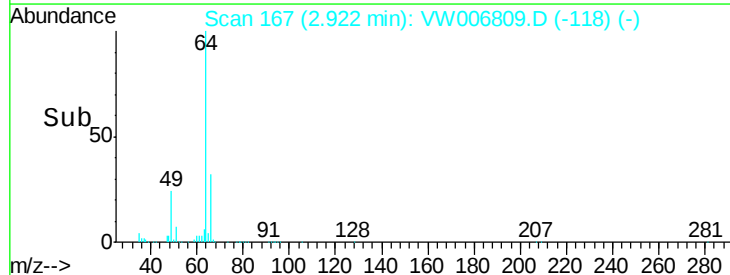
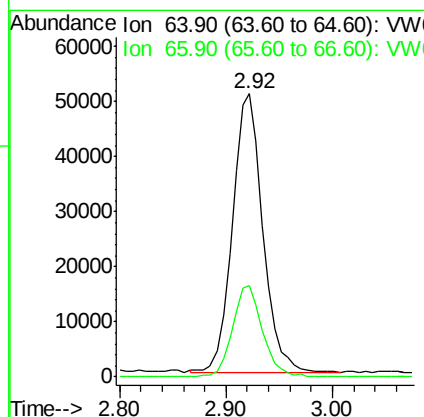
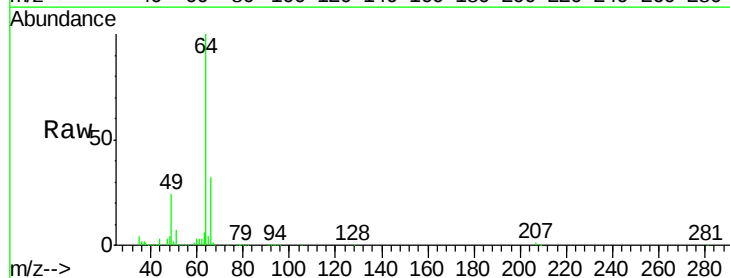
Acq: 12 Nov 2018 15:23

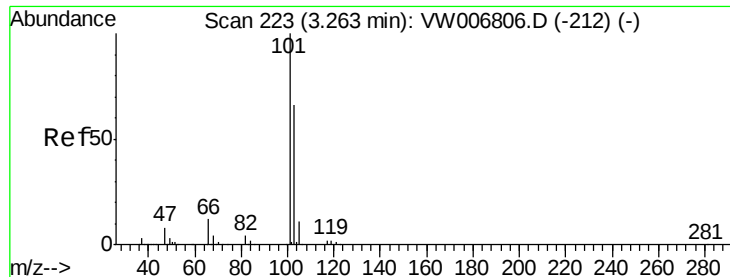
Tgt Ion: 64 Resp: 100531

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

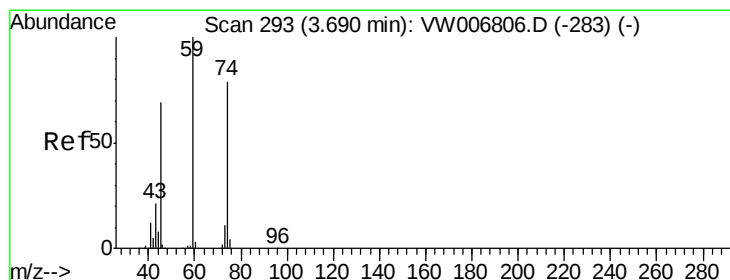
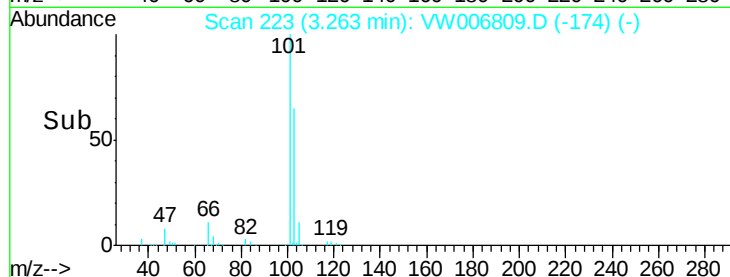
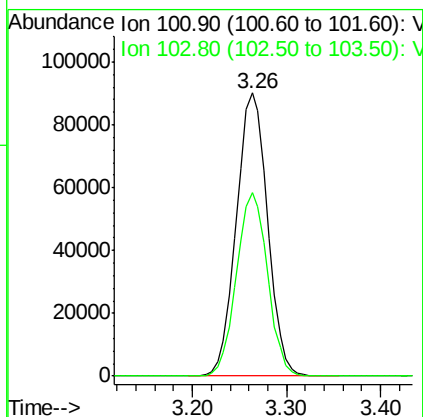
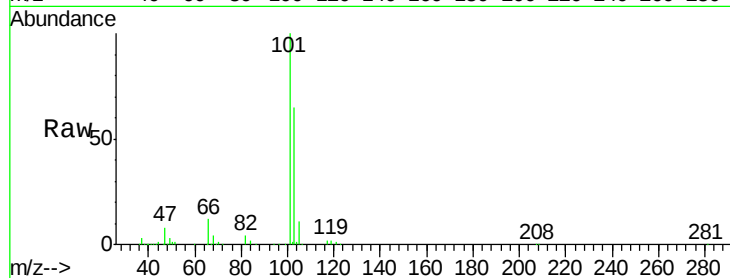
Trichlorofluoromethane
Concen: 44.935 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	208577		
103	64.8	52.6	79.0	

Manual Integrations
APPROVED

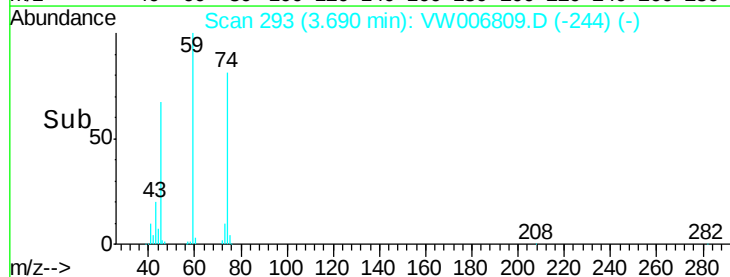
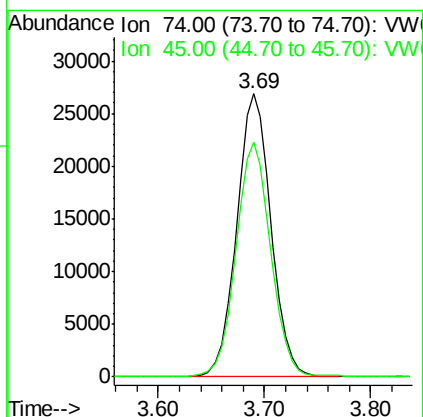
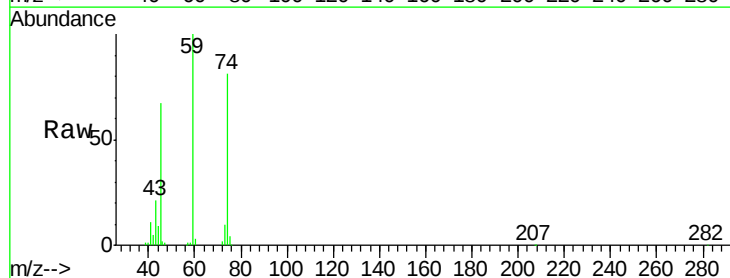
apatel
11/13/2018 11:53:50 AM

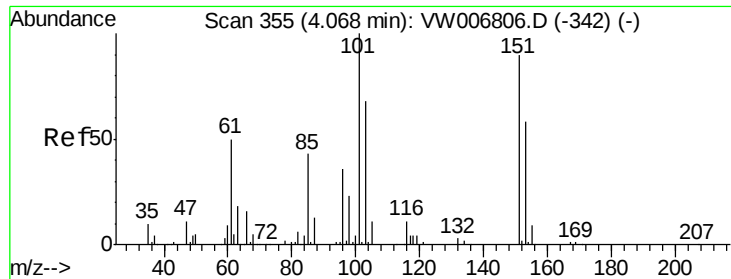


#8

Diethyl Ether
Concen: 44.403 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60479		
45	84.7	43.1	129.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.659 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

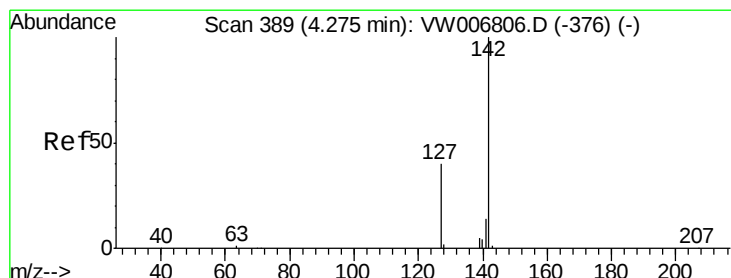
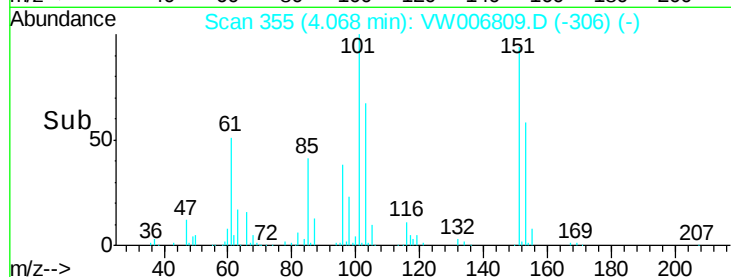
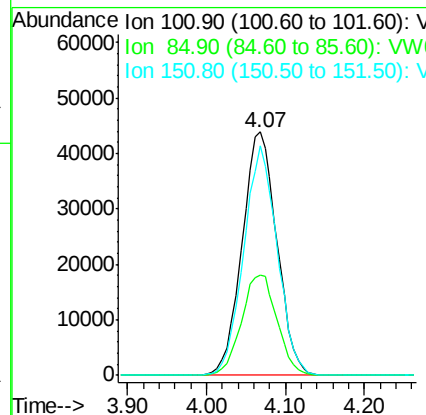
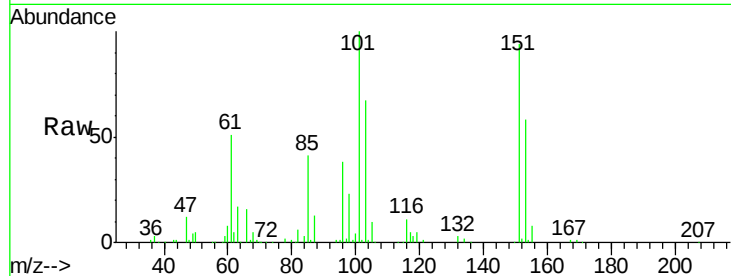
ClientSampleId :

ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	134267		
85	42.3	33.8	50.8	
151	90.9	71.4	107.0	

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#10

Methyl Iodide

Concen: 44.610 ug/l

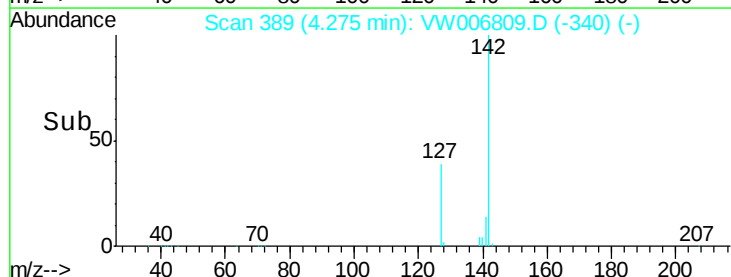
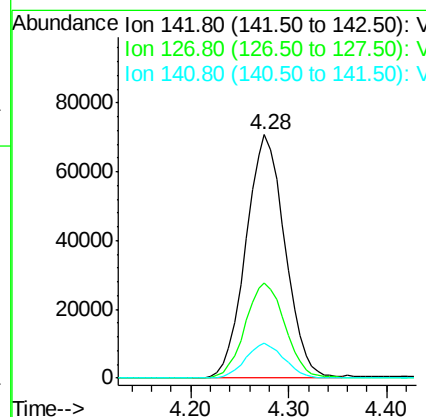
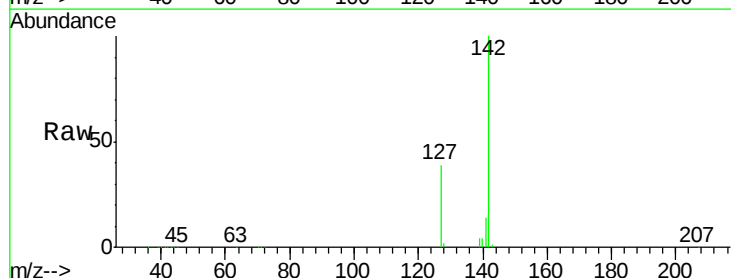
RT: 4.28 min Scan# 389

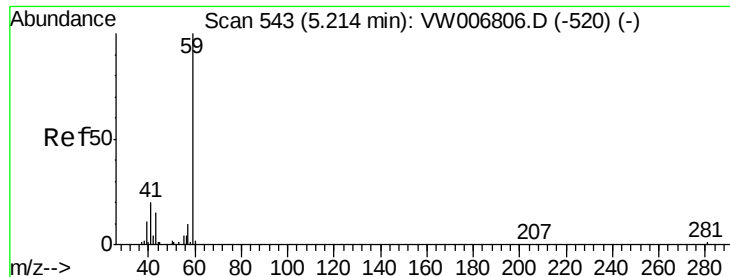
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	196786		
127	40.1	31.8	47.8	
141	14.2	11.5	17.3	





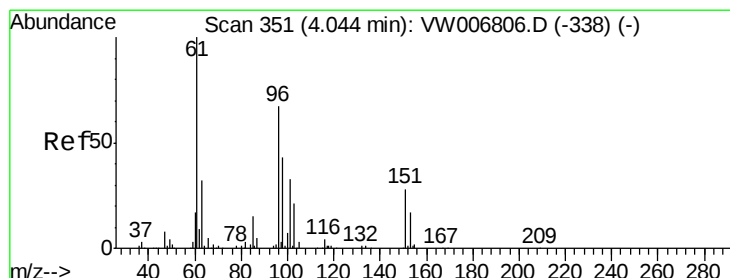
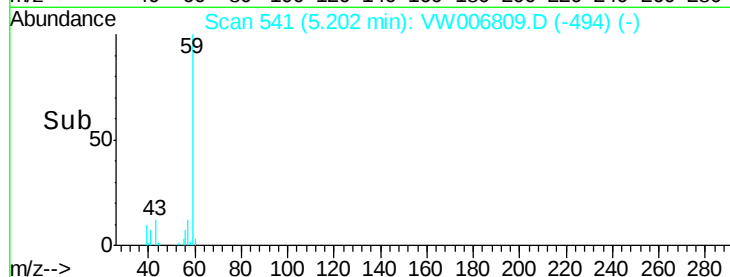
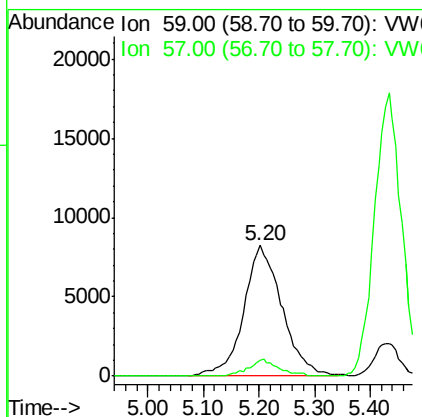
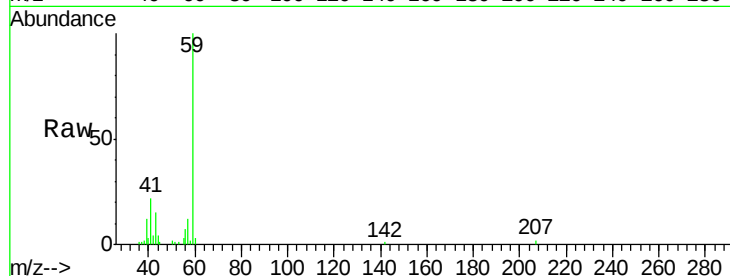
#11
Tert butyl alcohol
Concen: 233.719 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 59 Resp: 39475
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

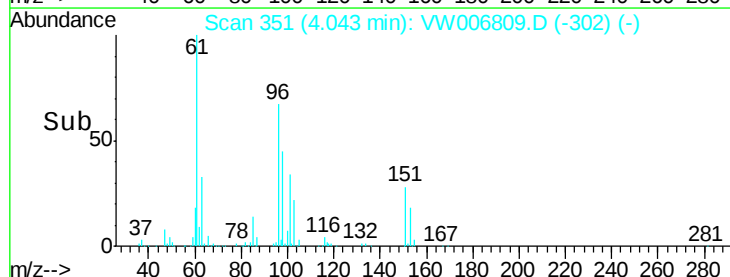
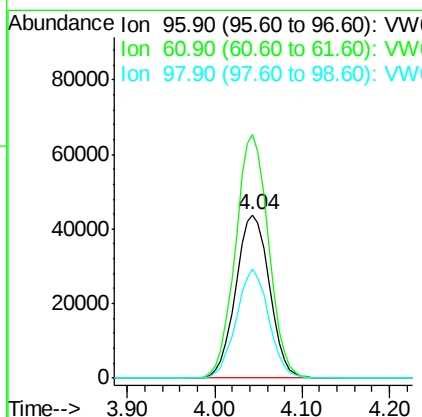
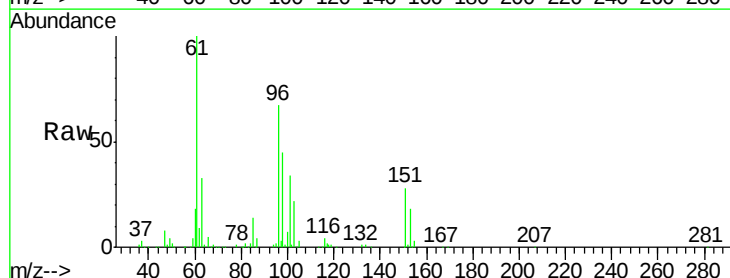
Manual Integrations
APPROVED

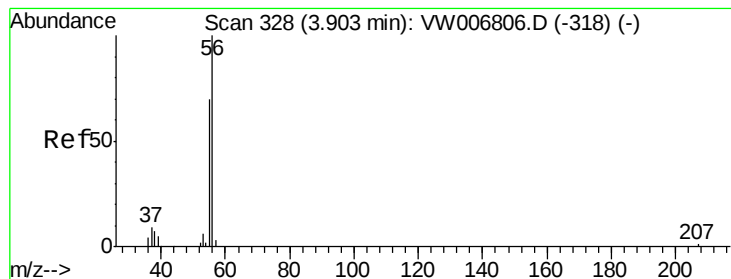
apatel
11/13/2018 11:53:50 AM



#12
1,1-Dichloroethene
Concen: 44.180 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 96 Resp: 117456
Ion Ratio Lower Upper
96 100
61 149.2 119.8 179.6
98 66.9 51.5 77.3





#13

Acrolein

Concen: 217.999 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 56 Resp: 38509

Ion Ratio Lower Upper

56 100

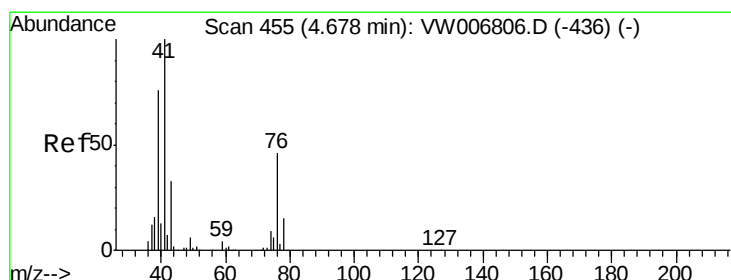
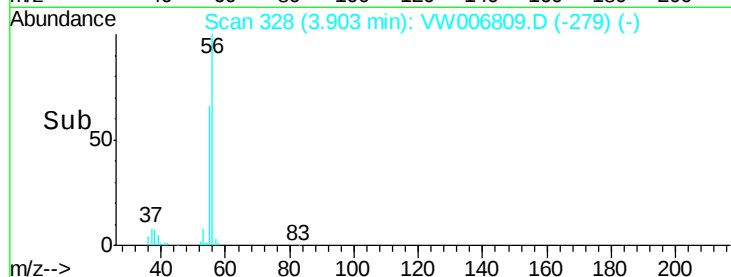
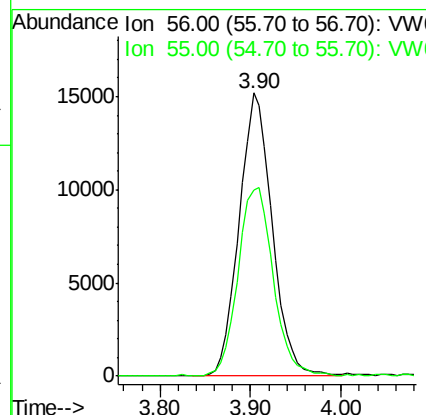
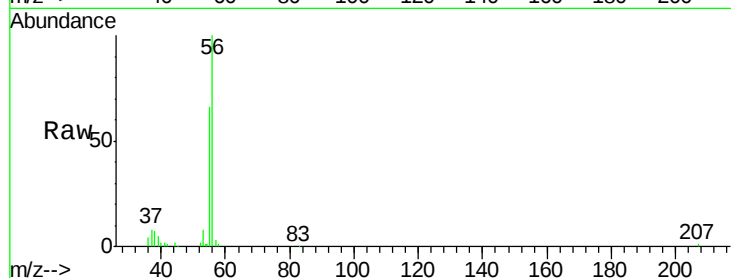
55 70.9 56.1 84.1

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



#14

Allyl chloride

Concen: 45.305 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

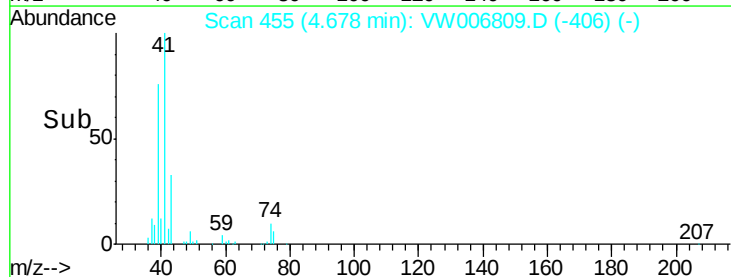
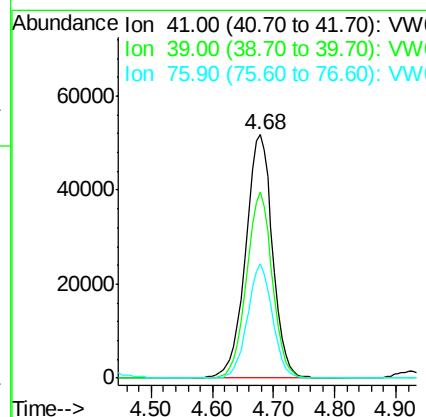
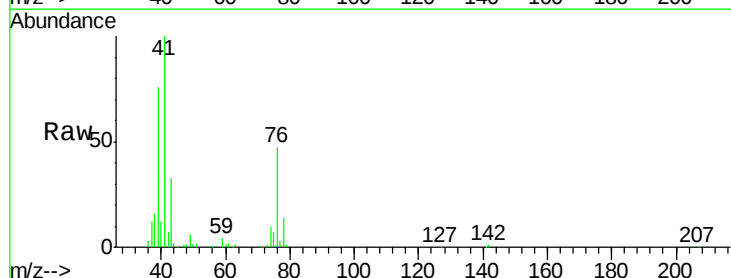
Tgt Ion: 41 Resp: 158422

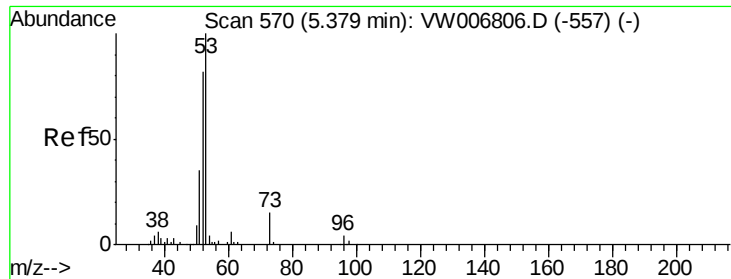
Ion Ratio Lower Upper

41 100

39 73.3 58.9 88.3

76 43.4 34.4 51.6





#15

Acrylonitrile

Concen: 231.407 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

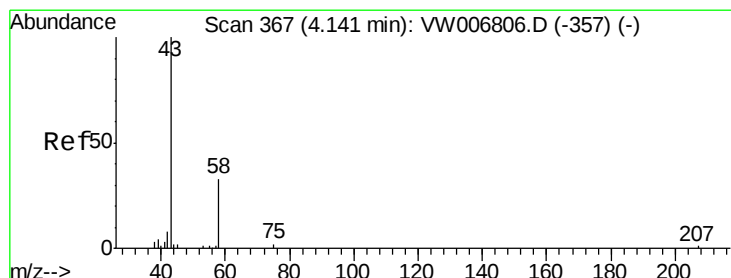
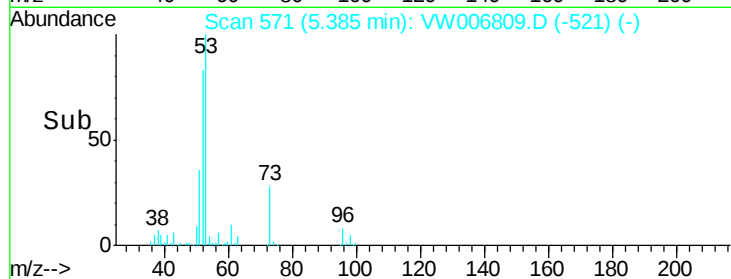
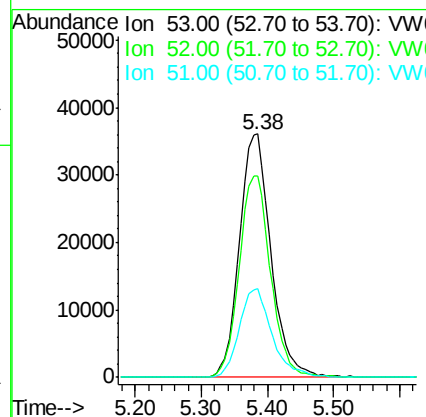
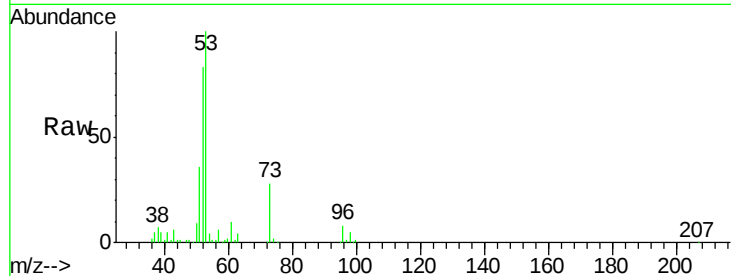
ClientSampleId :

ICVW111218

Tgt Ion:	53	Resp:	119367
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.2	97.8
51	37.8	30.0	45.0

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#16

Acetone

Concen: 232.440 ug/l

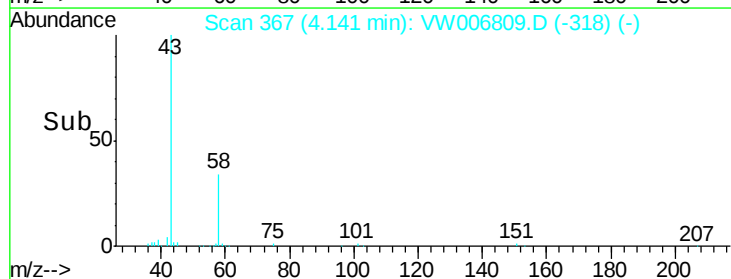
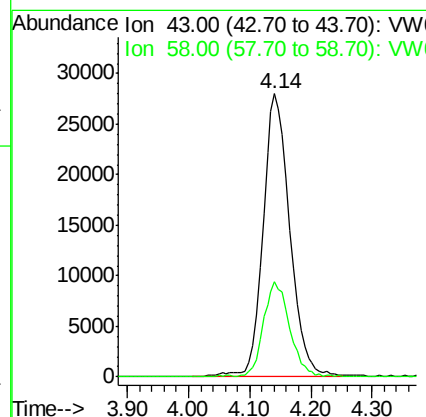
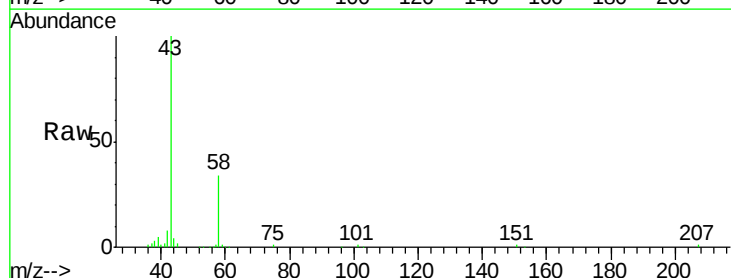
RT: 4.14 min Scan# 367

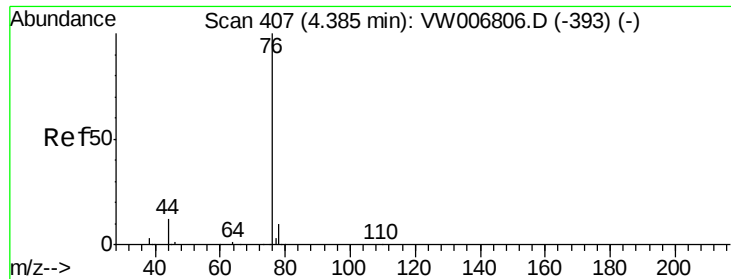
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	43	Resp:	85892
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.5	39.7





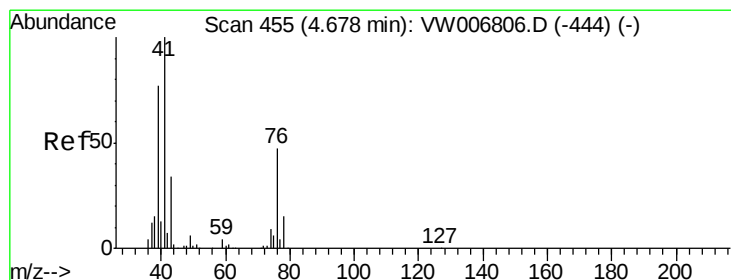
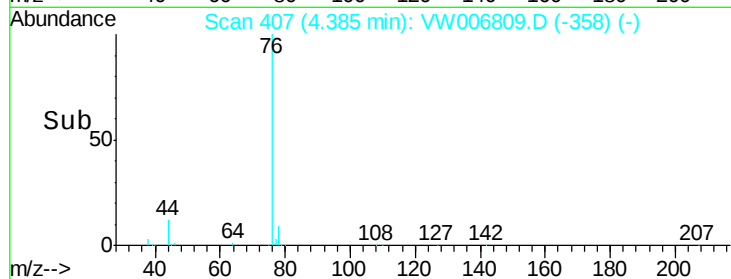
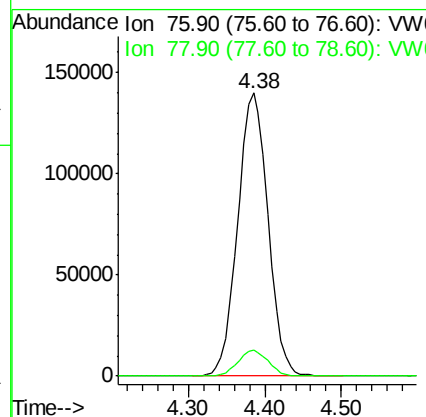
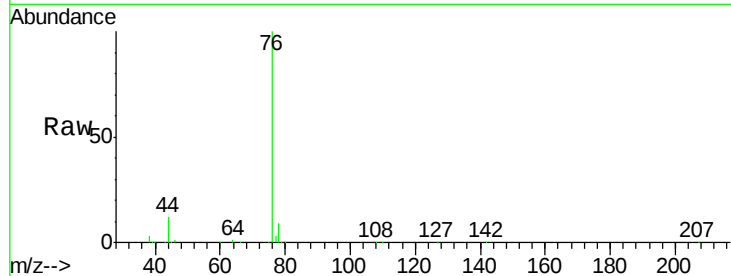
#17
Carbon Disulfide
Concen: 45.654 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

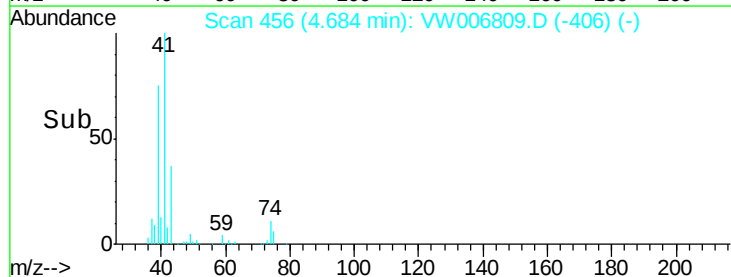
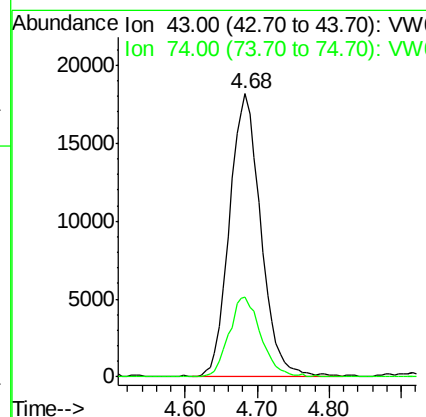
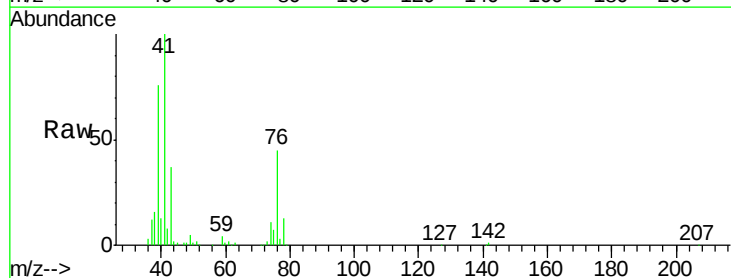
Manual Integrations
APPROVED

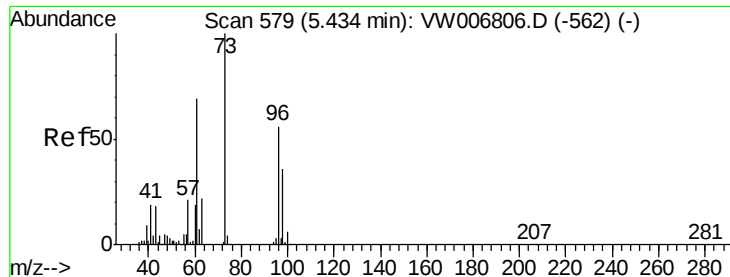
apatel
11/13/2018 11:53:50 AM



#18
Methyl Acetate
Concen: 43.671 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	21.9	32.9





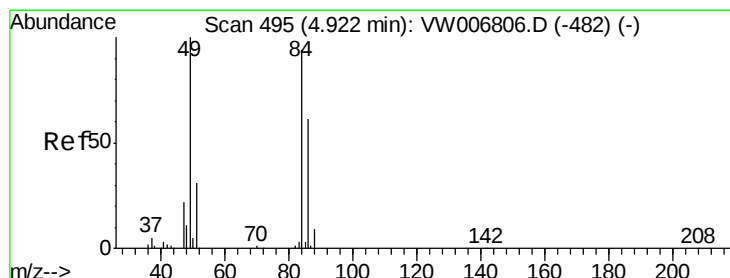
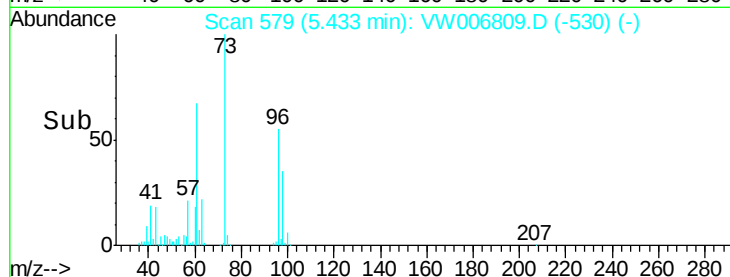
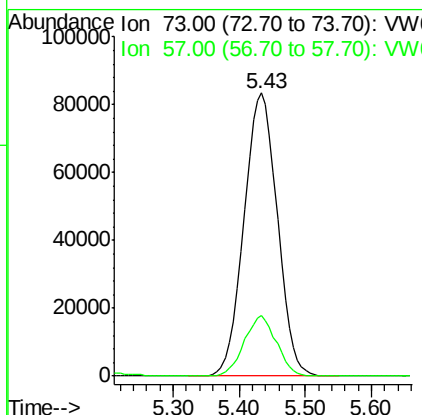
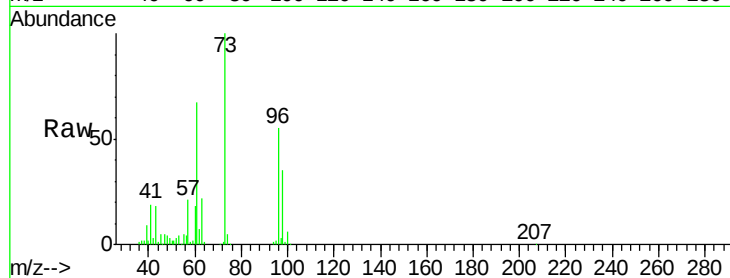
#19
Methyl tert-butyl Ether
Concen: 46.358 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 73 Resp: 292608
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2

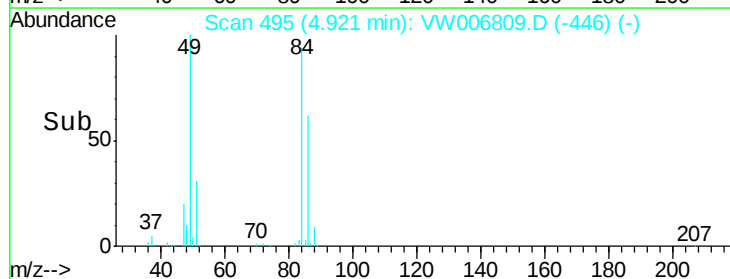
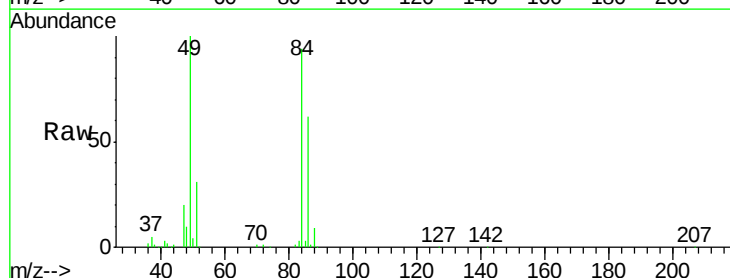
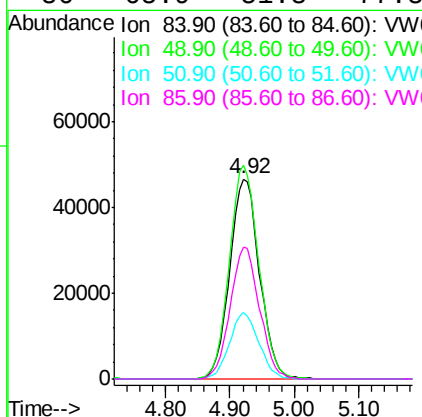
Manual Integrations
APPROVED

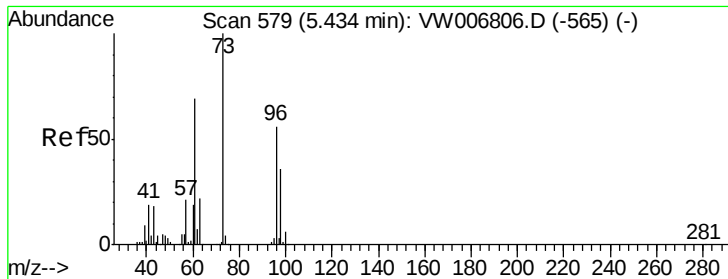
apatel
11/13/2018 11:53:50 AM



#20
Methylene Chloride
Concen: 44.005 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 84 Resp: 150131
Ion Ratio Lower Upper
84 100
49 106.7 84.8 127.2
51 33.5 26.2 39.4
86 65.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 43.583 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

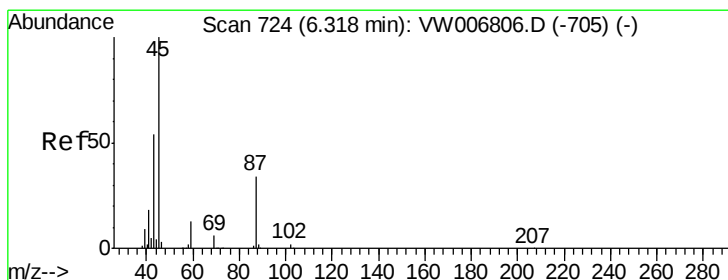
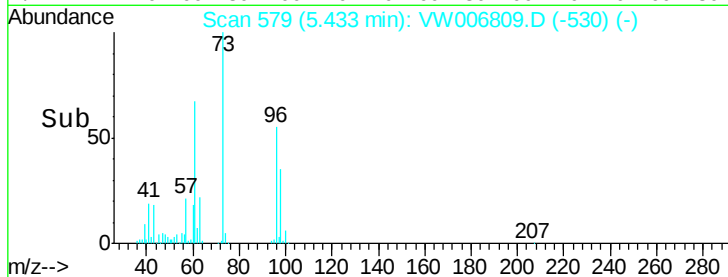
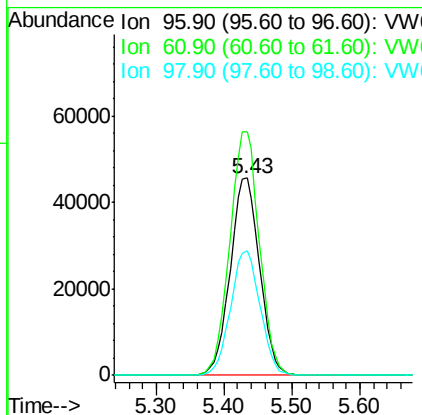
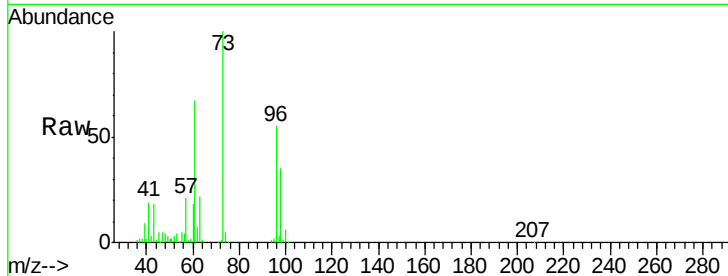
ClientSampleId :

ICVW111218

Tgt Ion:	96	Resp:	136651
Ion	Ratio	Lower	Upper
96	100		
61	123.3	98.7	148.1
98	63.2	51.2	76.8

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#22

Diisopropyl ether

Concen: 45.824 ug/l

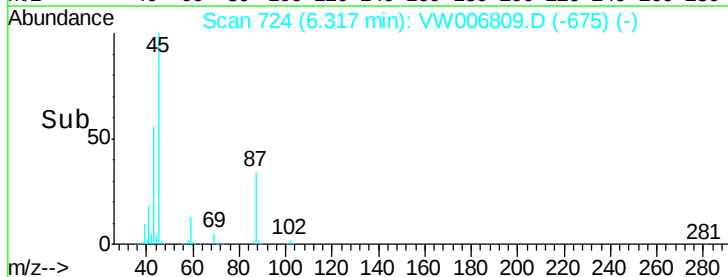
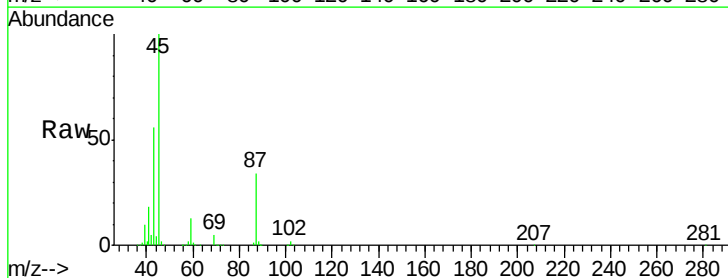
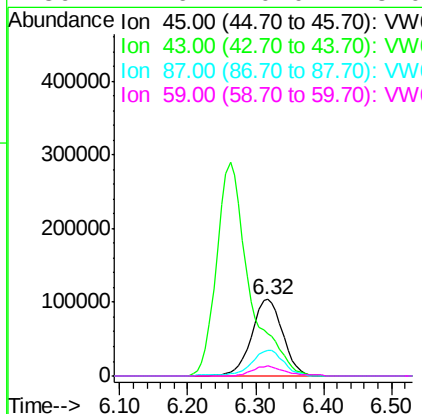
RT: 6.32 min Scan# 724

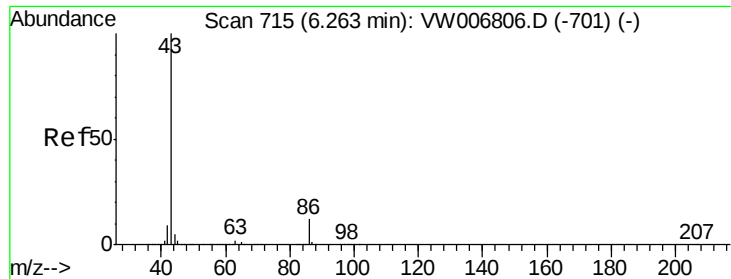
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	45	Resp:	332780
Ion	Ratio	Lower	Upper
45	100		
43	55.5	43.7	65.5
87	34.2	27.2	40.8
59	12.6	10.0	15.0





#23

Vinyl Acetate

Concen: 235.082 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 43 Resp: 962417

Ion Ratio Lower Upper

43 100

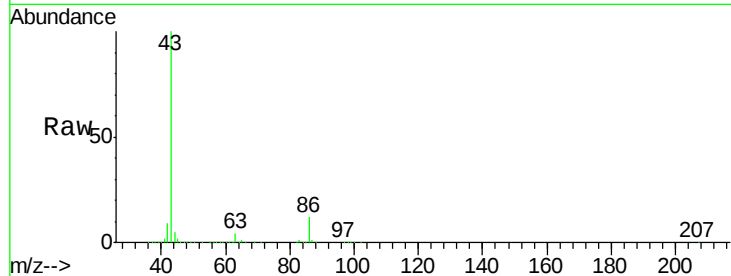
86 12.3 9.6 14.4

Manual Integrations

APPROVED

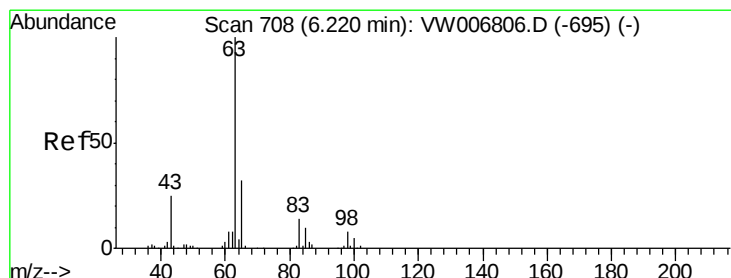
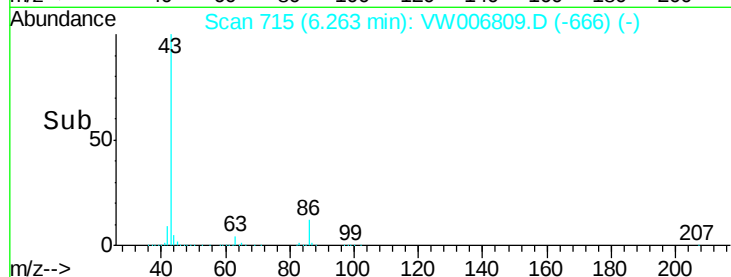
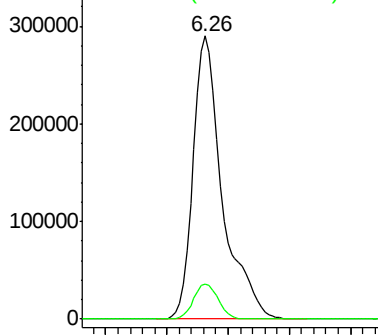
apatel

11/13/2018 11:53:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 44.049 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

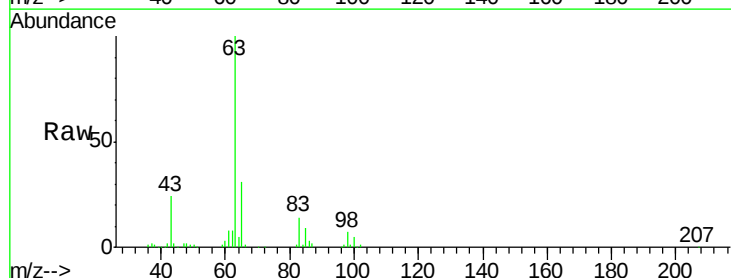
Tgt Ion: 63 Resp: 212154

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

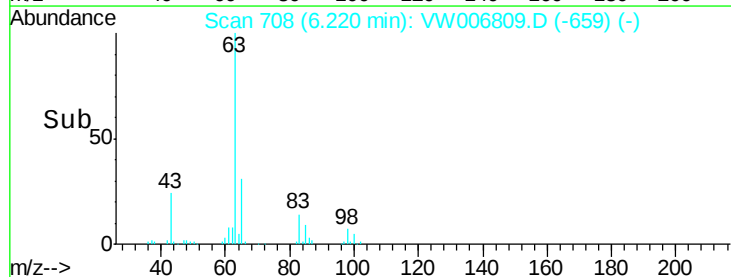
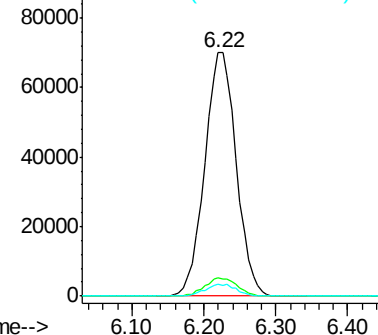
100 4.8 2.4 7.2

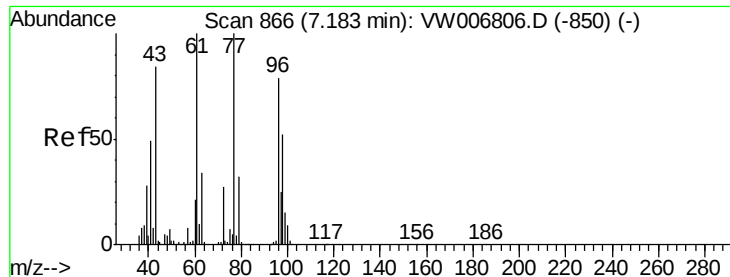


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 227.562 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVWV111218

Tgt Ion: 43 Resp: 142209

Ion Ratio Lower Upper

43 100

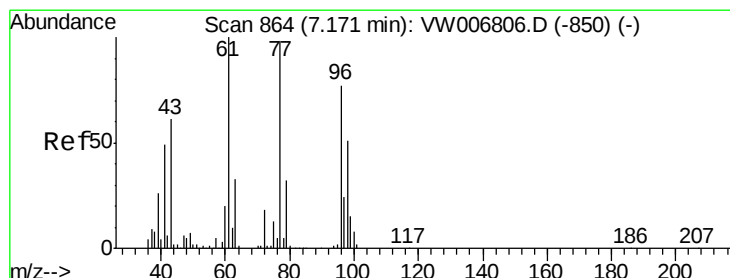
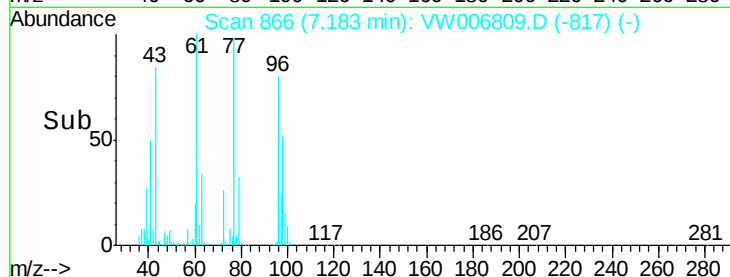
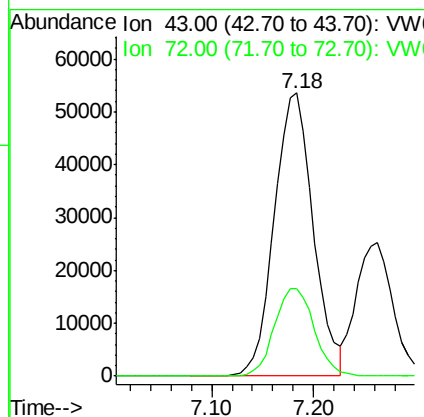
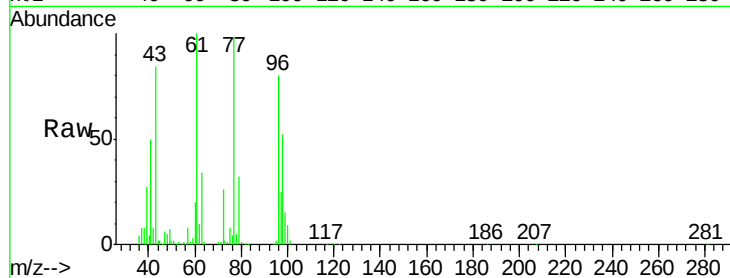
72 31.0 25.3 37.9

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



#26

2,2-Dichloropropane

Concen: 43.606 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006809.D

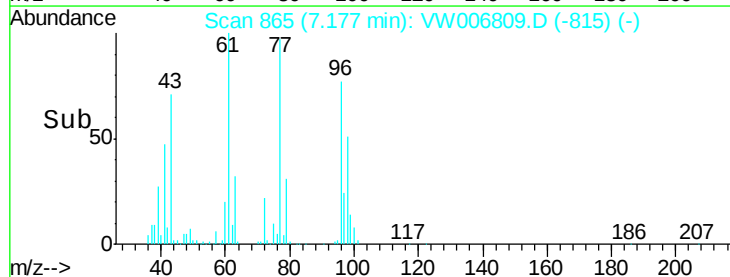
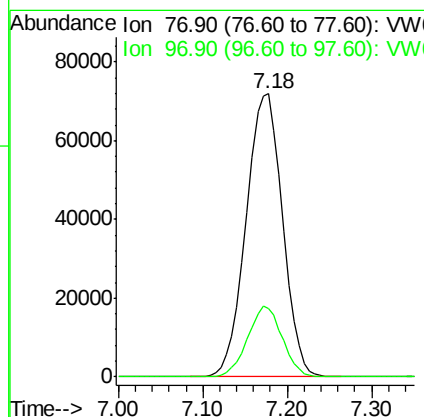
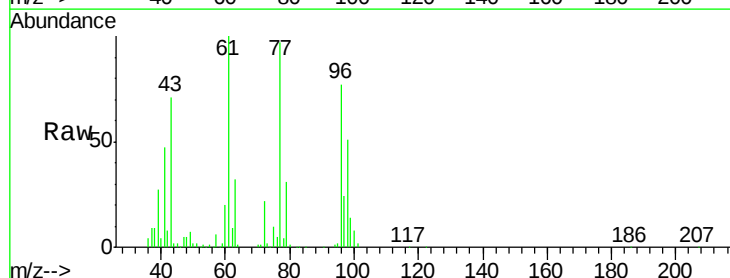
Acq: 12 Nov 2018 15:23

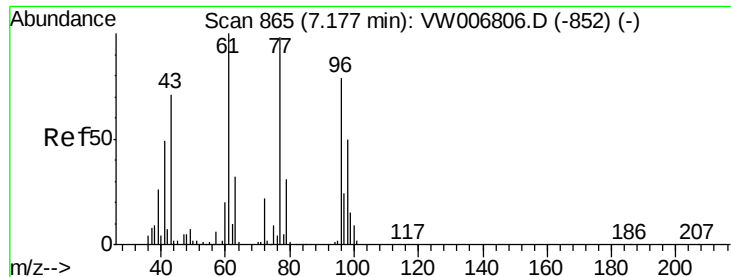
Tgt Ion: 77 Resp: 211318

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

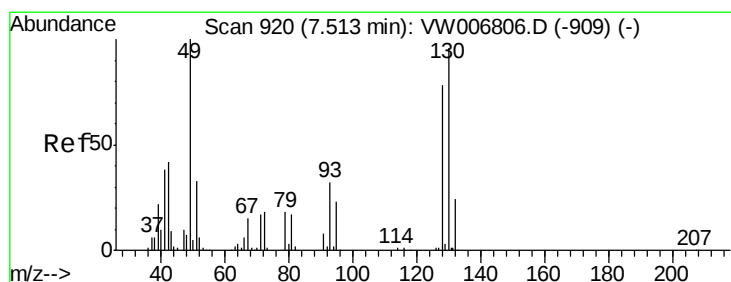
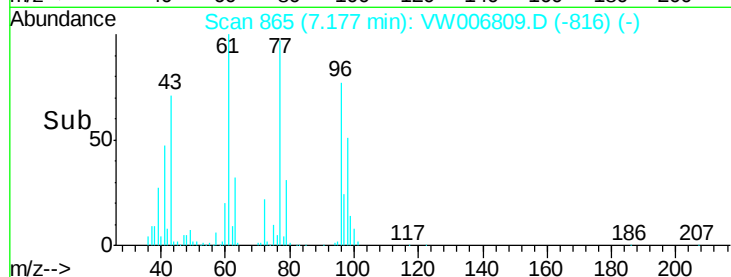
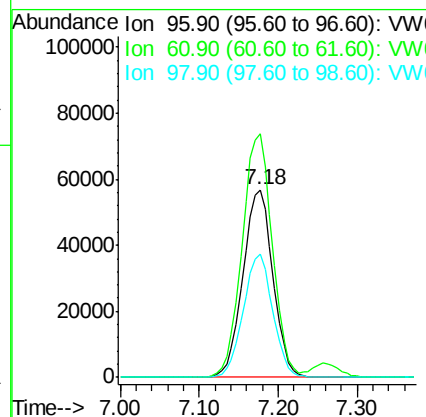
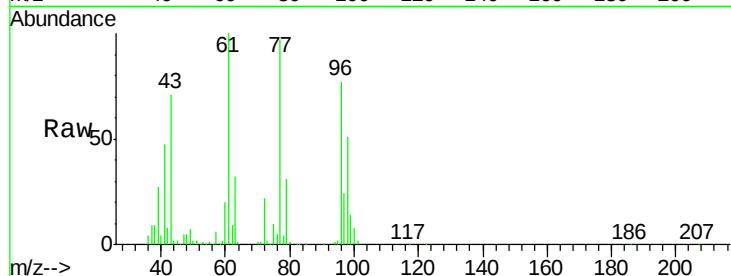
cis-1,2-Dichloroethene
Concen: 44.755 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	149605		
61	131.3	0.0	264.0	
98	64.8	0.0	131.0	

Manual Integrations
APPROVED

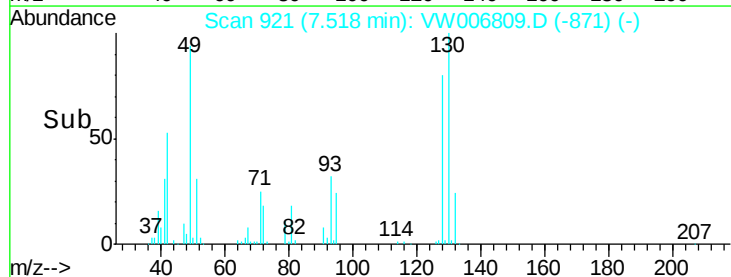
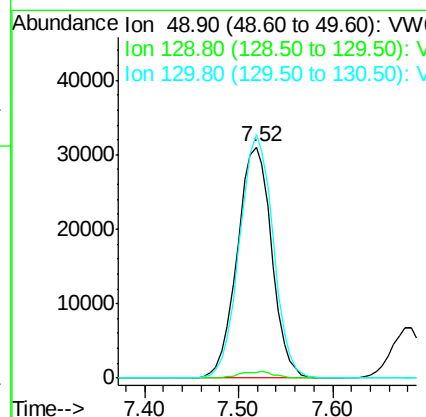
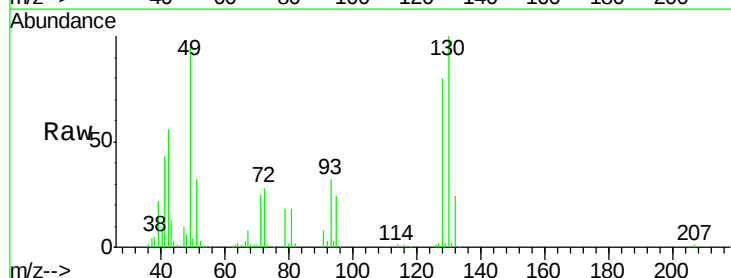
apatel
11/13/2018 11:53:50 AM

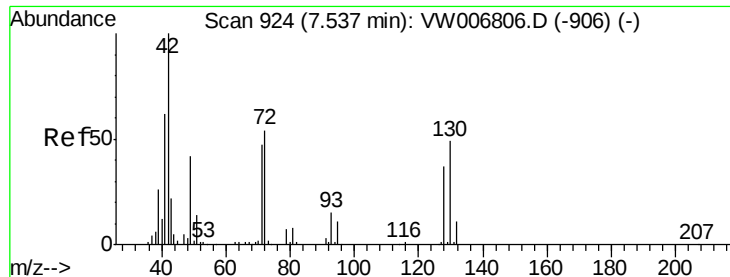


#28

Bromochloromethane
Concen: 46.942 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79084		
129	2.8	0.0	5.6	
130	103.3	83.3	124.9	





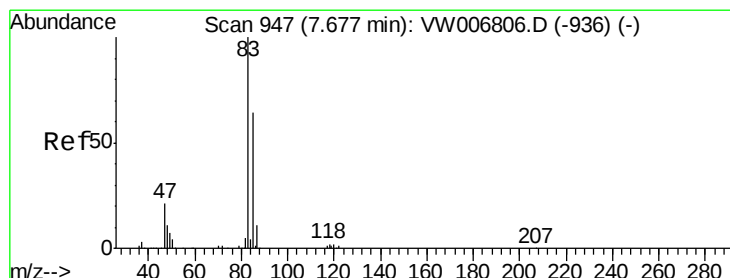
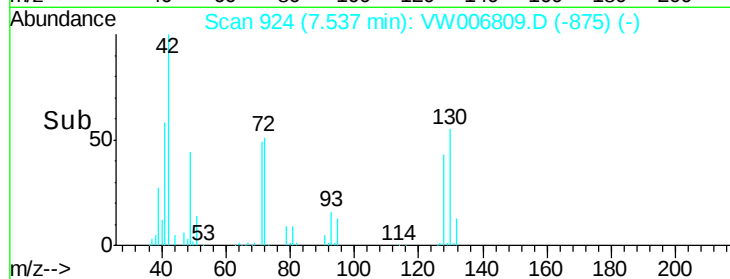
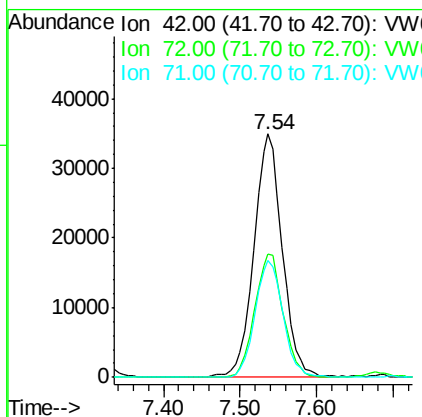
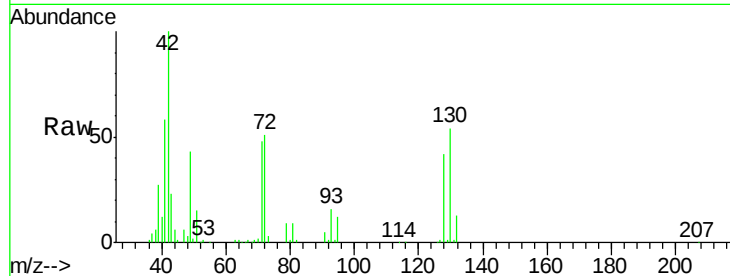
#29
Tetrahydrofuran
Concen: 226.544 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.6	40.9	61.3
71	47.1	36.9	55.3

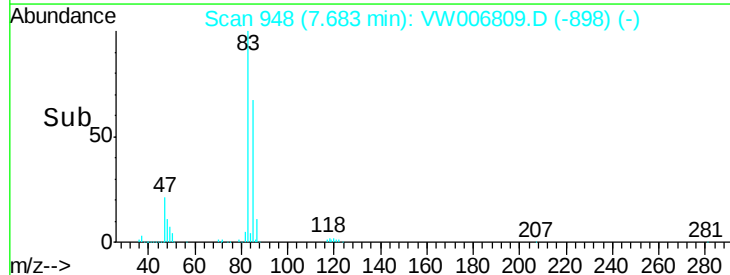
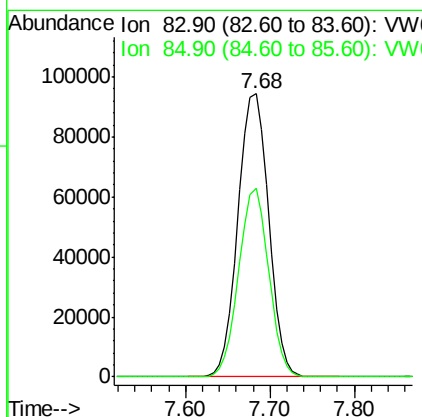
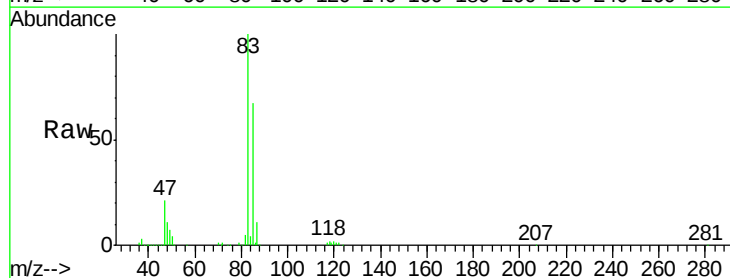
Manual Integrations
APPROVED

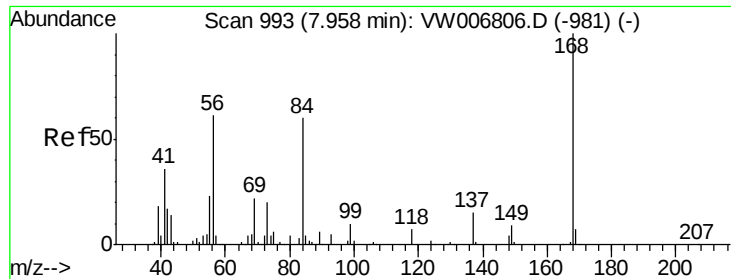
apatel
11/13/2018 11:53:50 AM



#30
Chloroform
Concen: 44.179 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.5	77.3





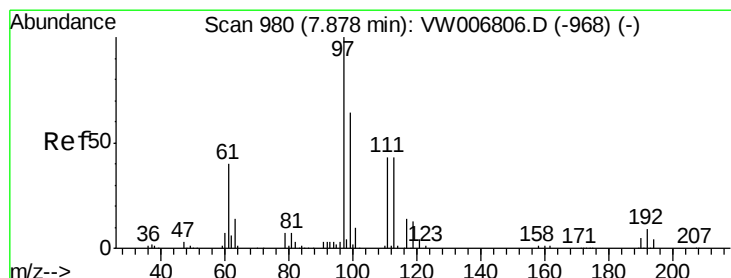
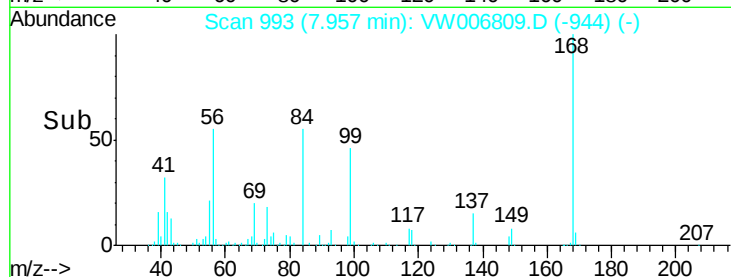
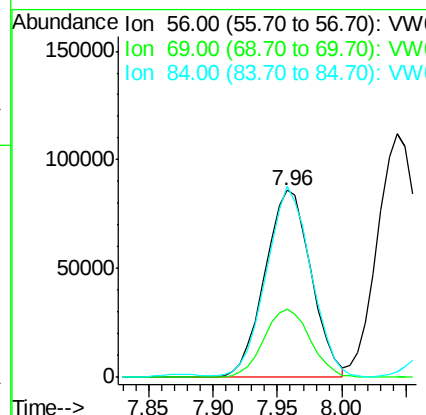
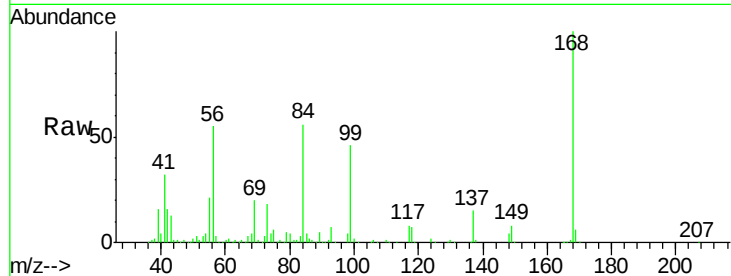
#31
Cyclohexane
Concen: 43.649 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.7	28.9	43.3
84	100.2	79.0	118.4

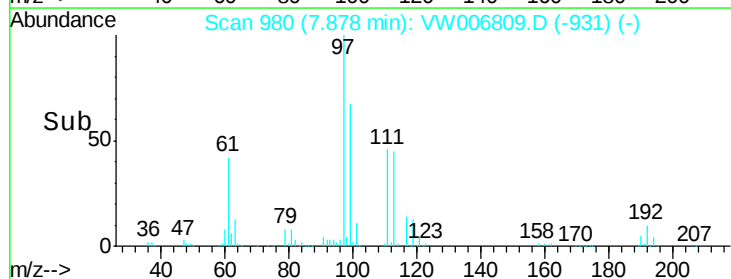
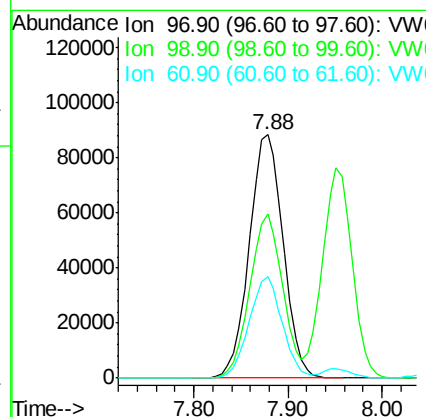
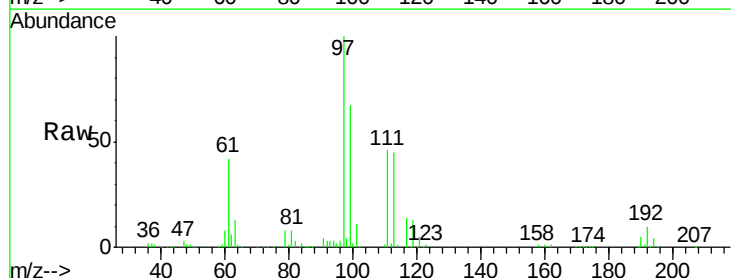
Manual Integrations
APPROVED

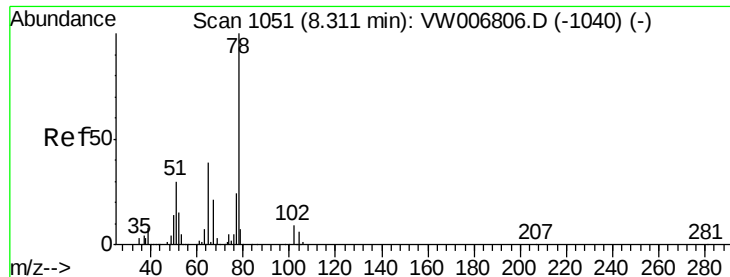
apatel
11/13/2018 11:53:50 AM



#32
1,1,1-Trichloroethane
Concen: 43.935 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.6	77.4
61	40.8	32.2	48.4





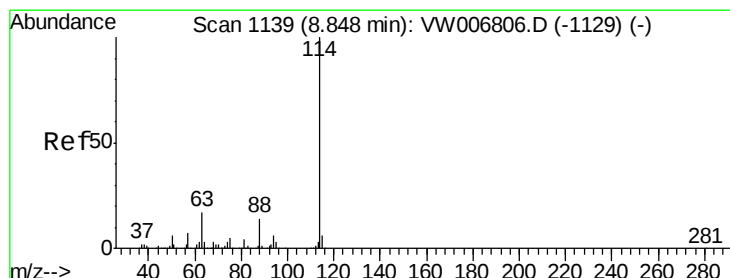
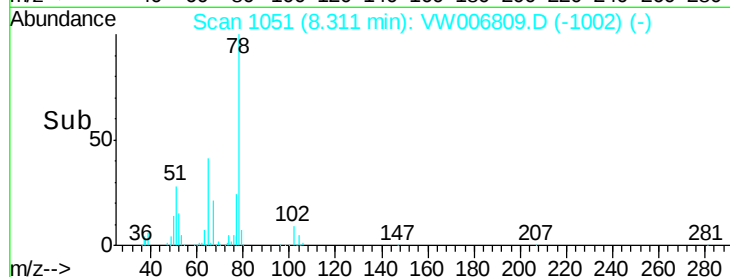
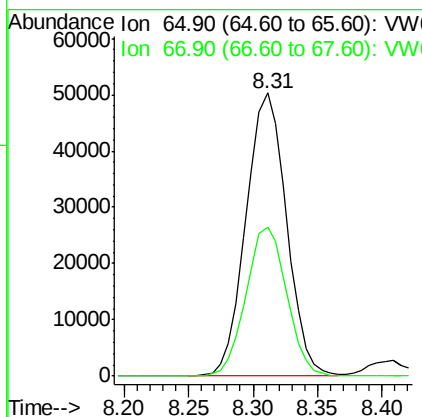
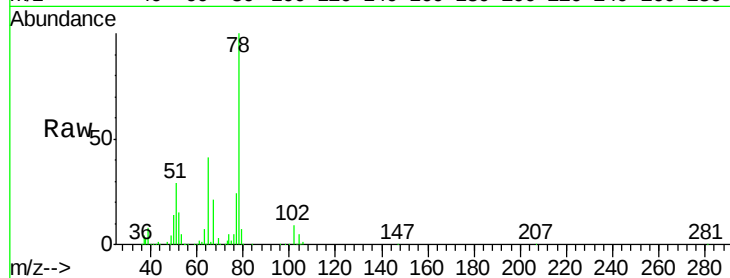
#33
 1,2-Dichloroethane-d4
 Concen: 42.549 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	109480		
67	52.7	0.0	104.4	

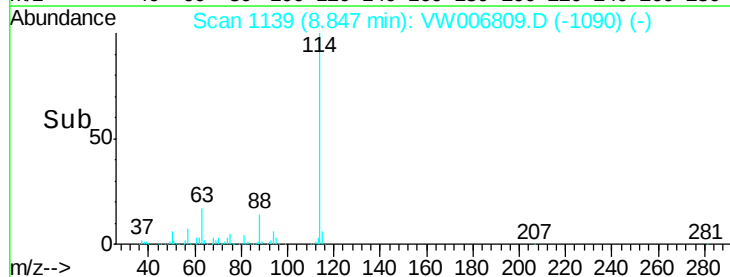
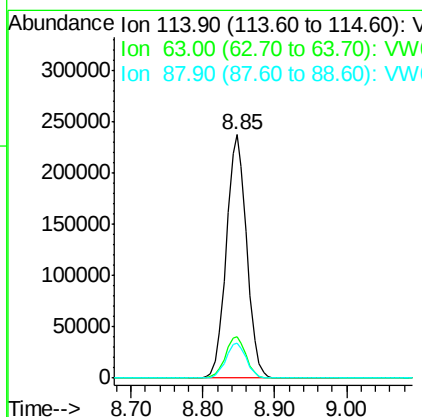
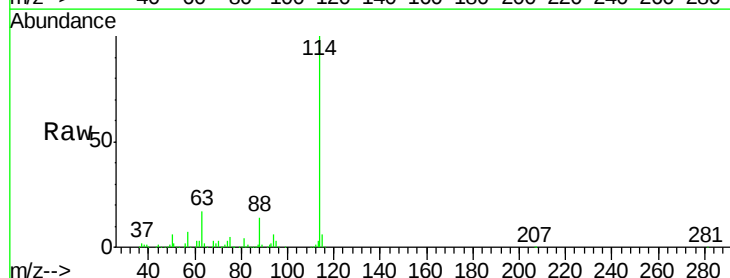
Manual Integrations
 APPROVED

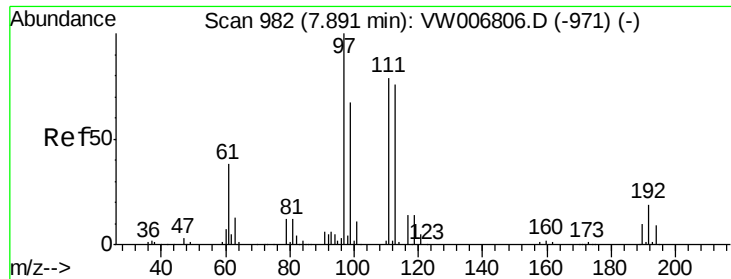
apatel
 11/13/2018 11:53:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	463936		
63	17.2	0.0	33.6	
88	14.3	0.0	28.4	





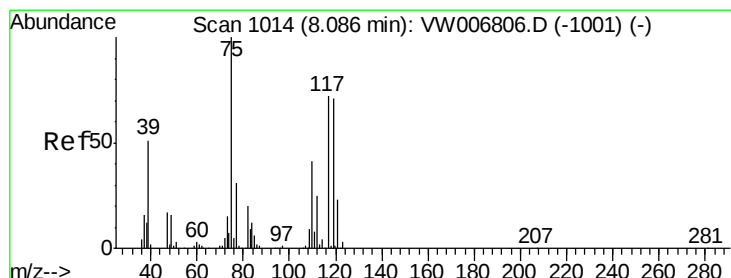
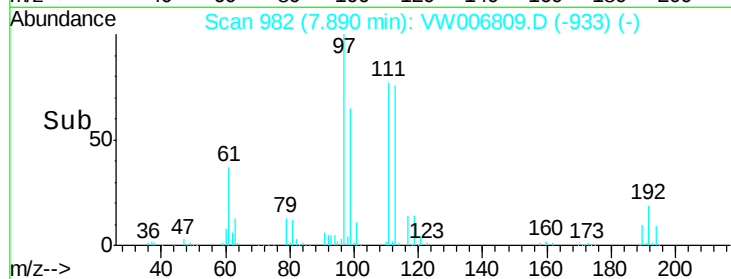
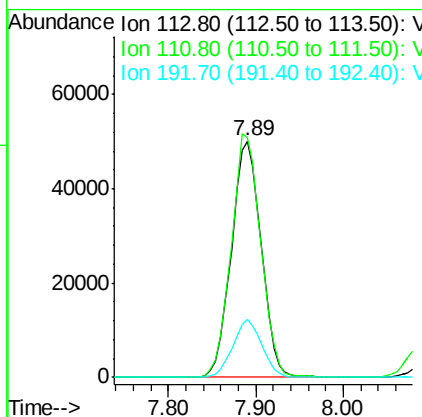
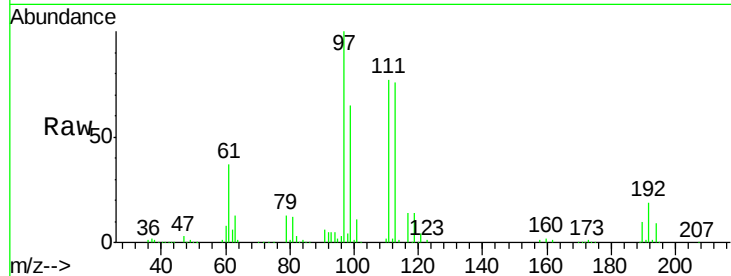
#35
 Dibromofluoromethane
 Concen: 43.030 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	118875		
111	102.2	81.0	121.6	
192	23.8	19.0	28.6	

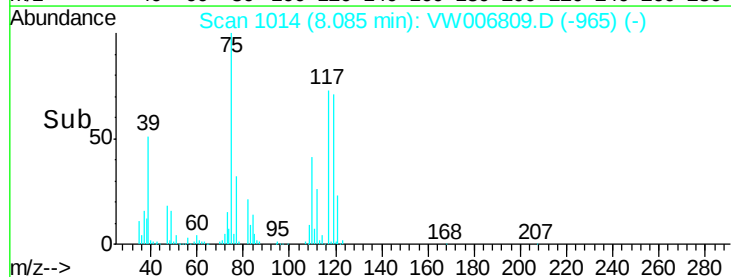
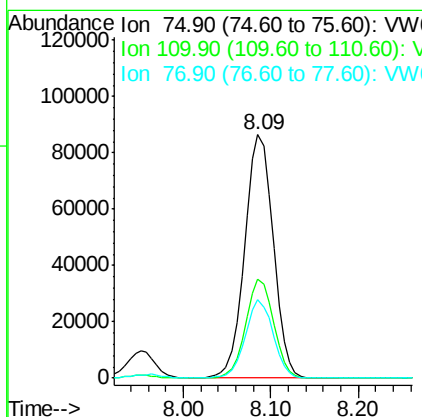
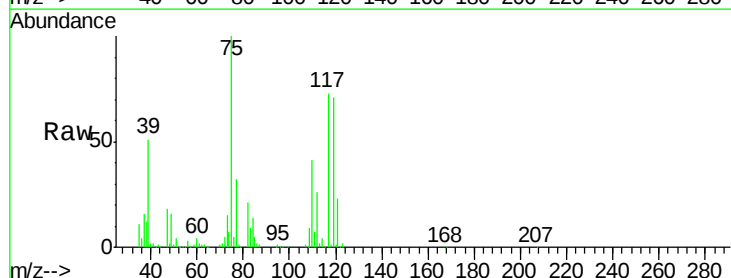
Manual Integrations
 APPROVED

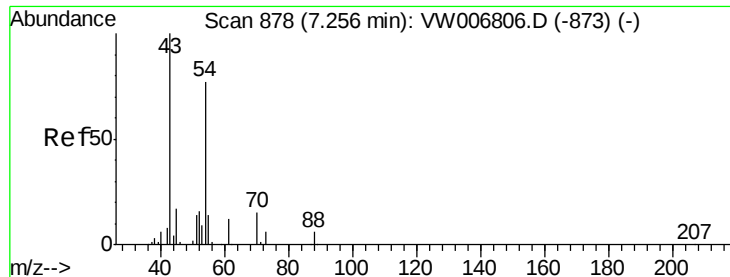
apatel
 11/13/2018 11:53:50 AM



#36
 1,1-Dichloropropene
 Concen: 45.166 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	196089		
110	39.8	19.9	59.6	
77	31.6	25.4	38.2	





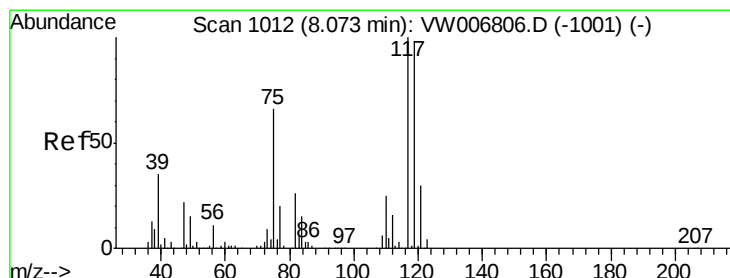
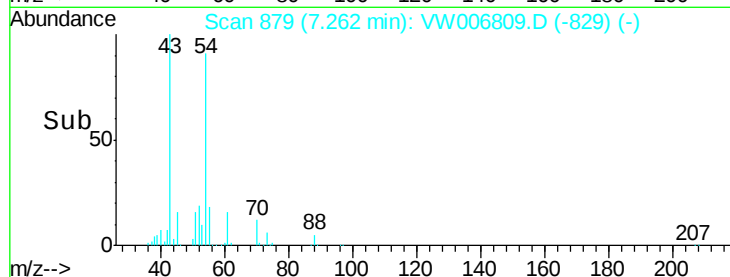
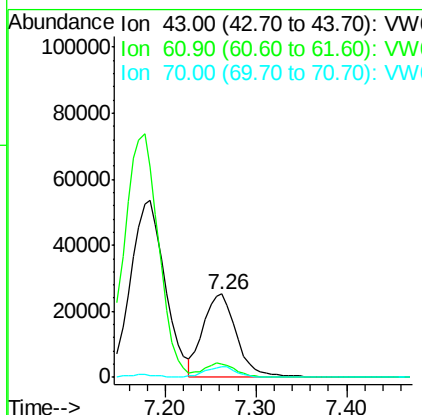
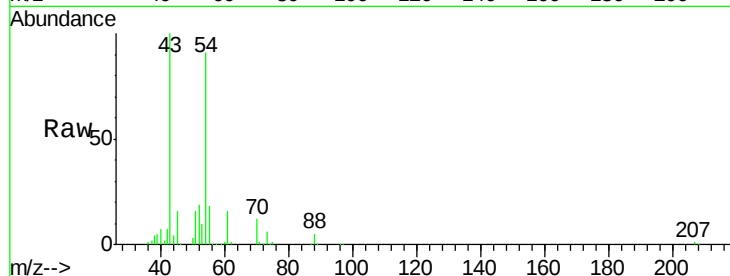
#37
Ethyl Acetate
Concen: 45.769 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	11.9	10.0	15.0

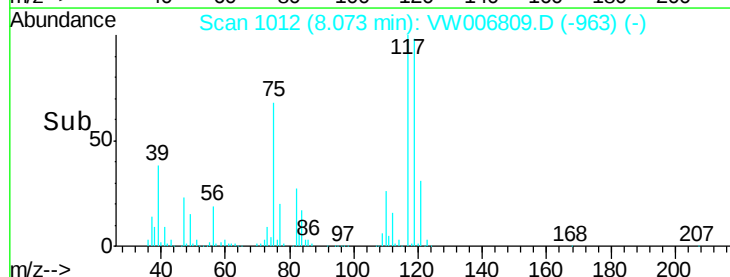
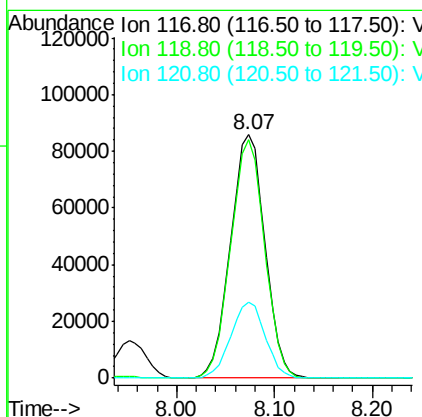
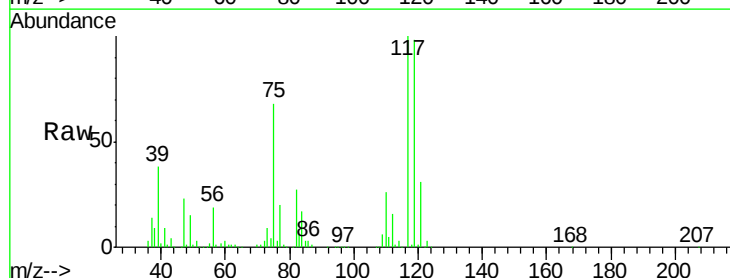
Manual Integrations
APPROVED

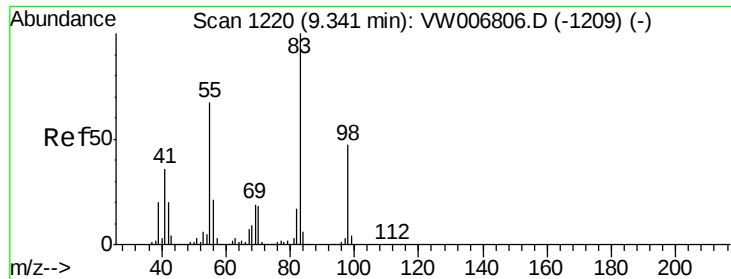
apatel
11/13/2018 11:53:50 AM



#38
Carbon Tetrachloride
Concen: 44.461 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.5	117.7
121	31.1	24.2	36.2





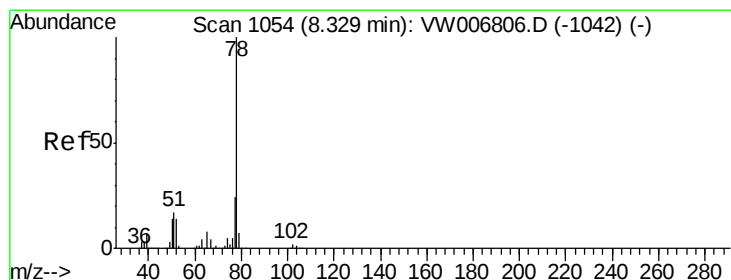
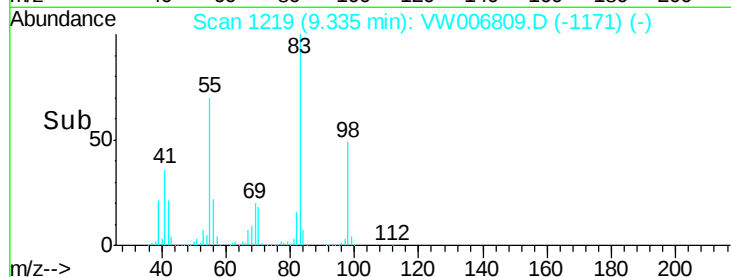
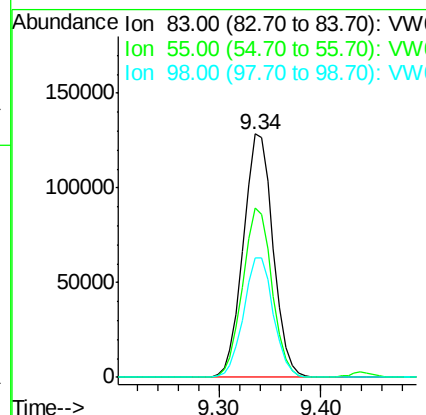
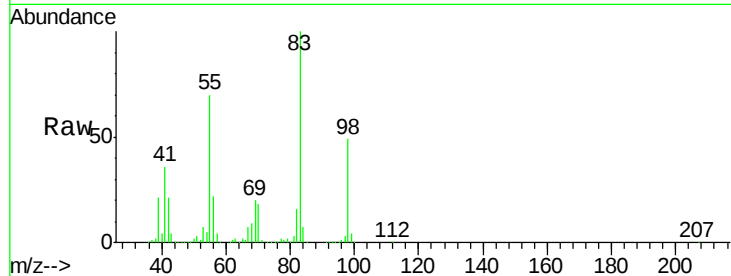
#39
Methylcyclohexane
Concen: 46.314 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.8	53.3	79.9
98	49.1	37.9	56.9

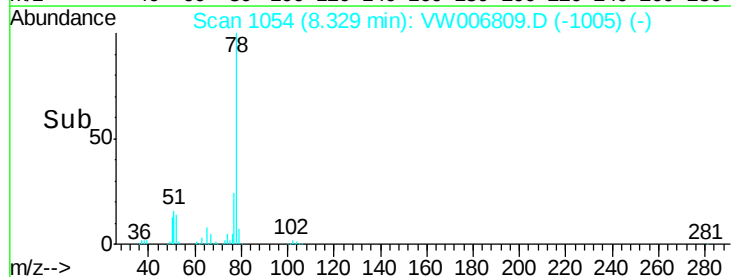
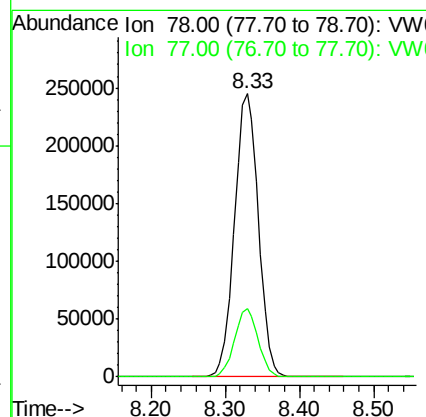
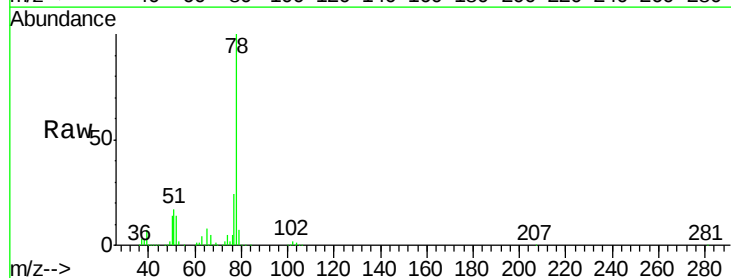
Manual Integrations
APPROVED

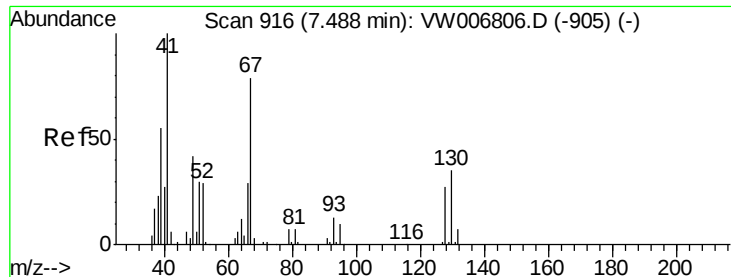
apatel
11/13/2018 11:53:50 AM



#40
Benzene
Concen: 45.568 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41

Methacrylonitrile

Concen: 47.372 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

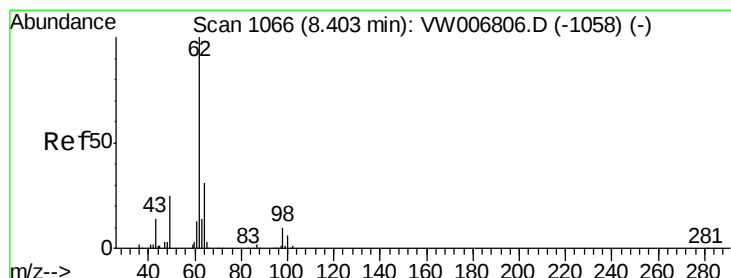
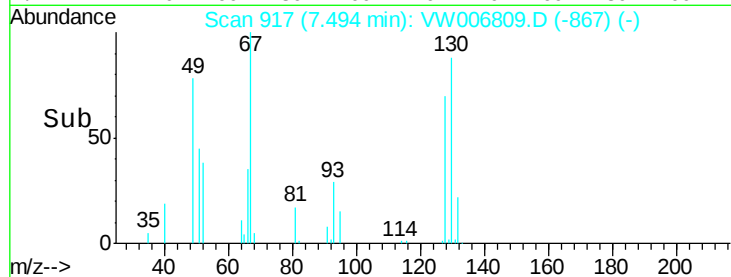
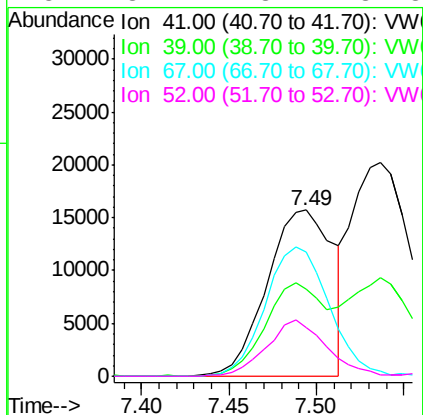
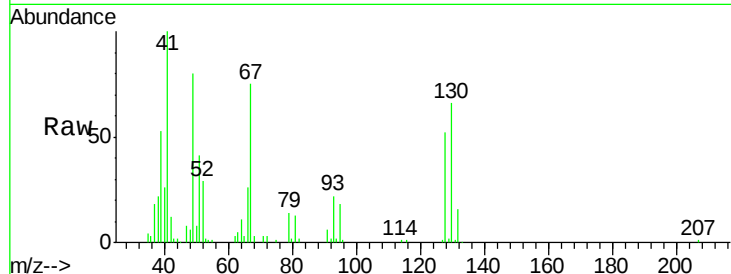
ClientSampleId :

ICVW111218

Tgt Ion:	41	Resp:	41294
Ion	Ratio	Lower	Upper
41	100		
39	49.2	48.1	72.1
67	75.9	61.4	92.2
52	31.1	23.2	34.8

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#42

1,2-Dichloroethane

Concen: 44.515 ug/l

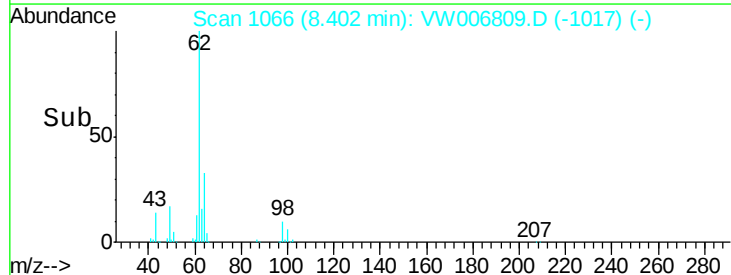
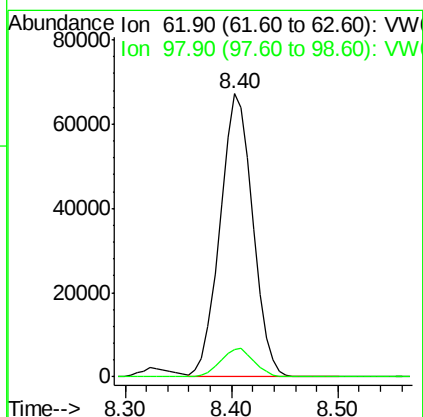
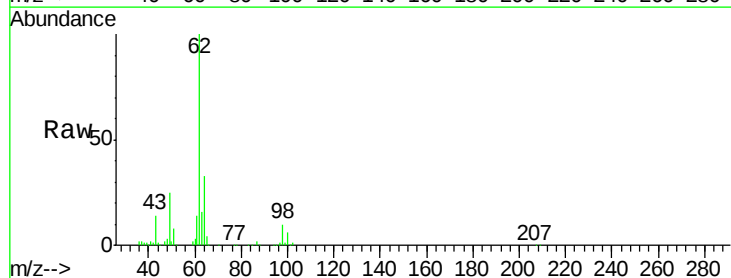
RT: 8.40 min Scan# 1066

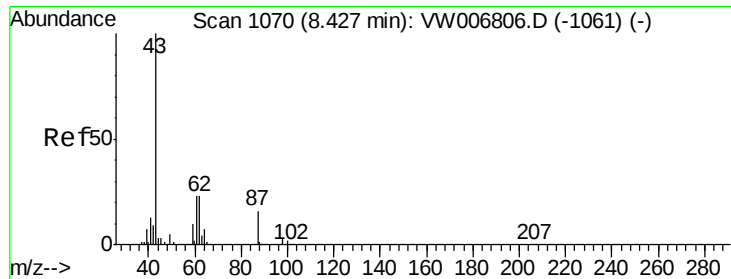
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	62	Resp:	143982
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0





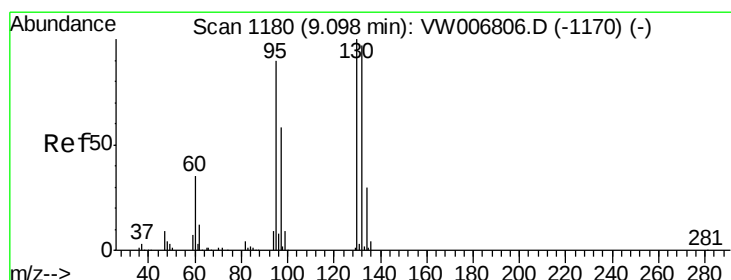
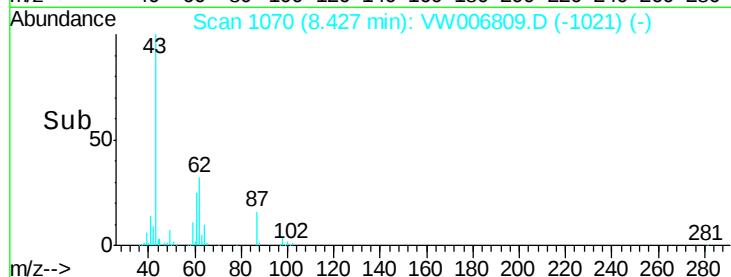
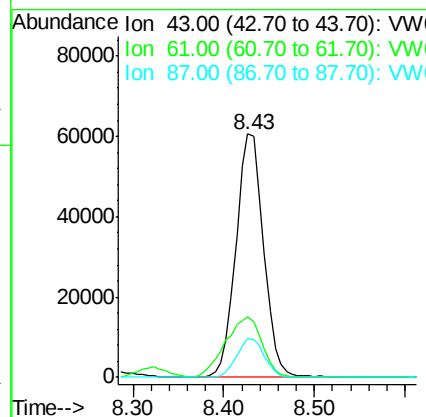
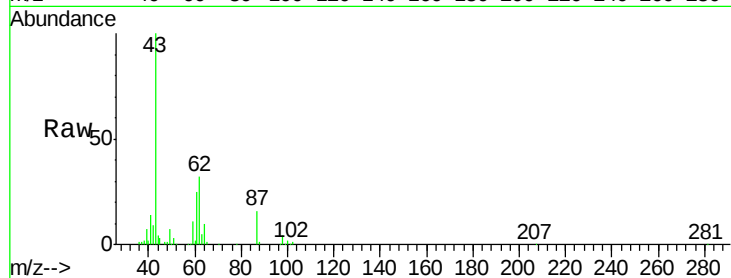
#43
Isopropyl Acetate
Concen: 46.375 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.2	27.0	40.4
87	16.1	13.0	19.4

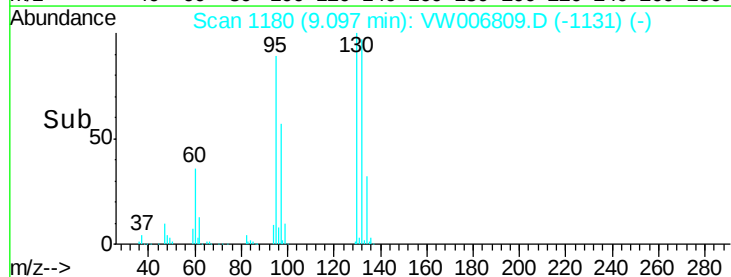
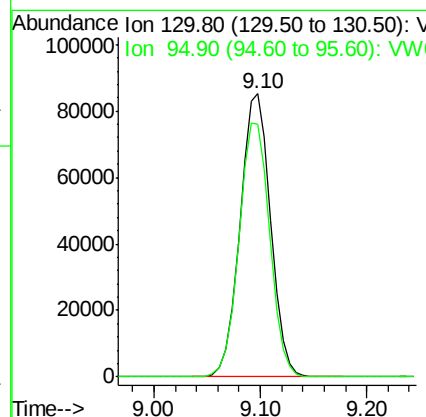
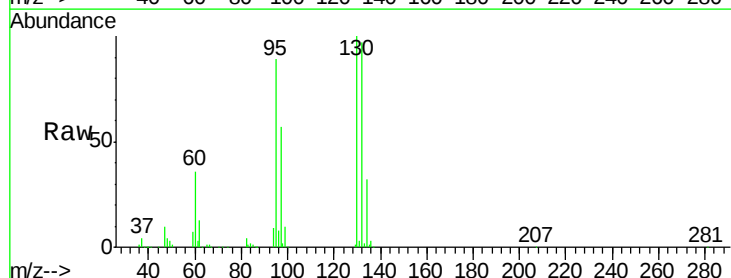
Manual Integrations
APPROVED

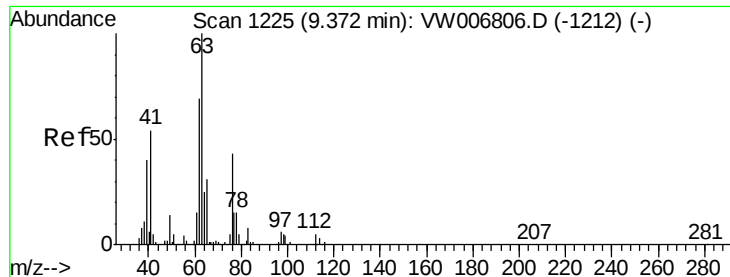
apatel
11/13/2018 11:53:50 AM



#44
Trichloroethene
Concen: 44.849 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	180.2





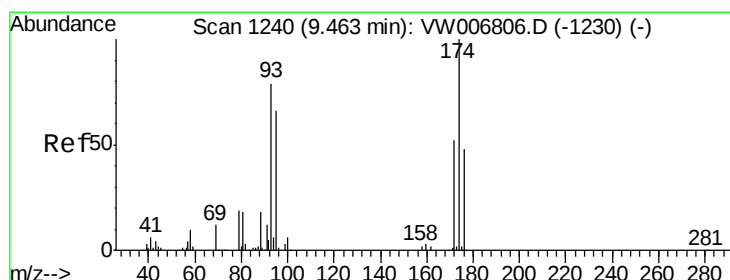
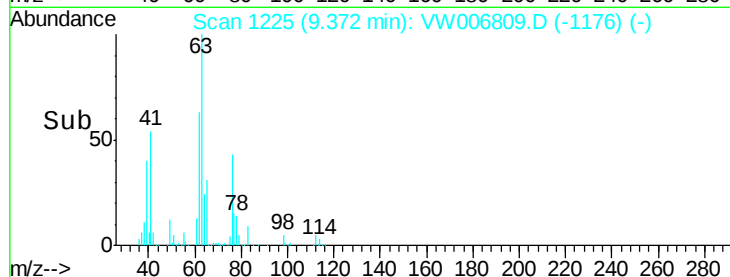
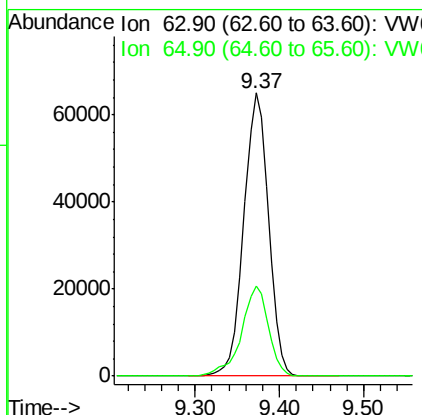
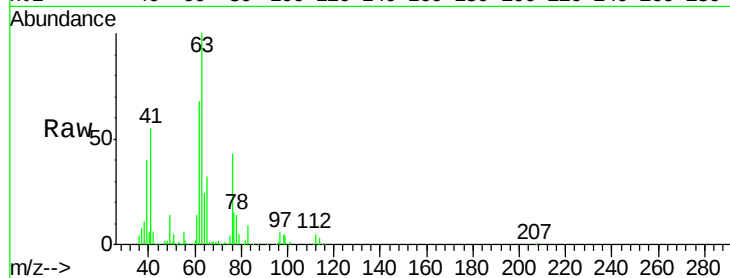
#45
 1,2-Dichloropropane
 Concen: 45.861 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.4	36.6

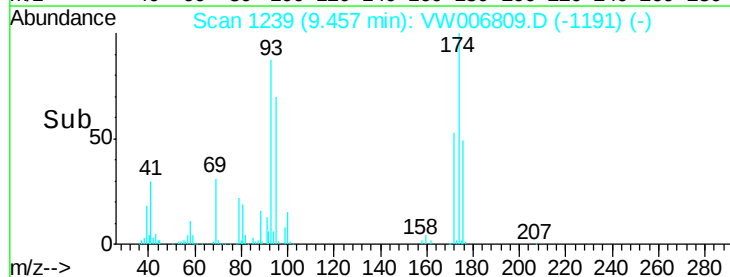
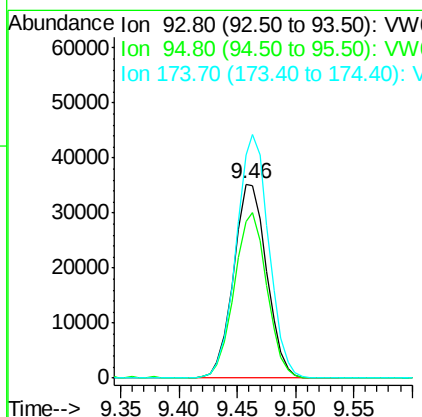
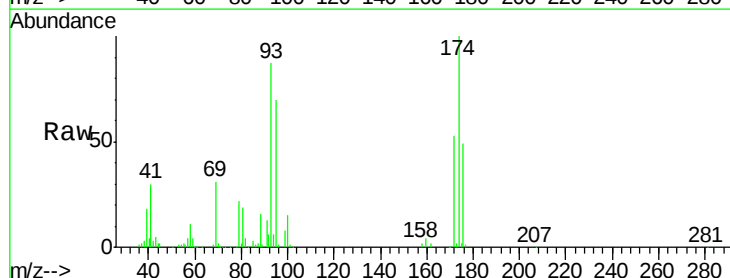
Manual Integrations
 APPROVED

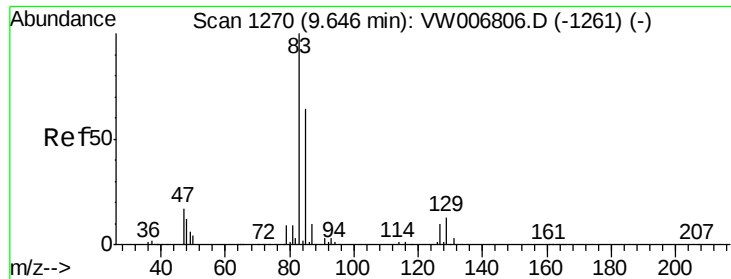
apatel
 11/13/2018 11:53:50 AM



#46
 Dibromomethane
 Concen: 44.905 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.6
174	122.9	98.6	147.8





#47

Bromodichloromethane

Concen: 44.823 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

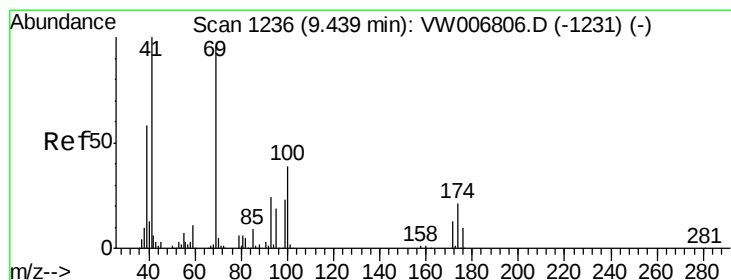
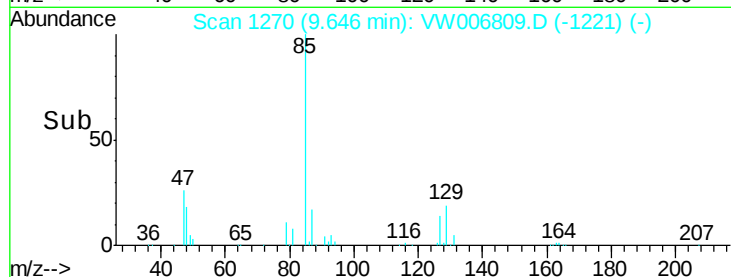
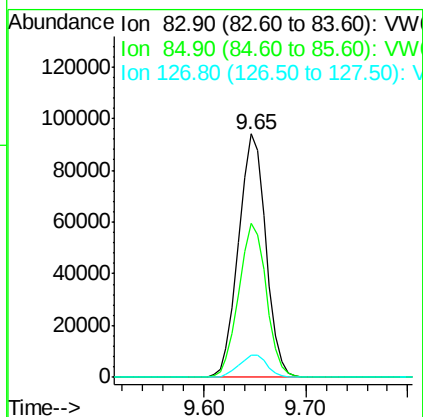
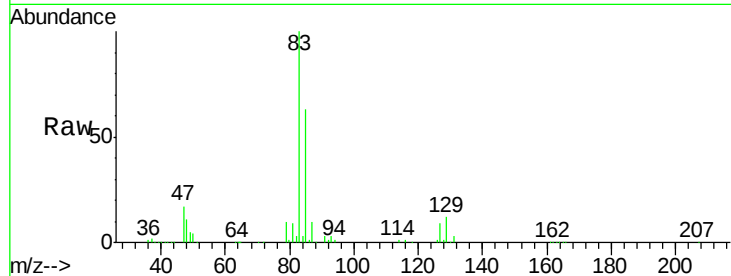
ClientSampleId :

ICVW111218

Tgt Ion:	83	Resp:	174126
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	9.0	7.6	11.4

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#48

Methyl methacrylate

Concen: 46.329 ug/l

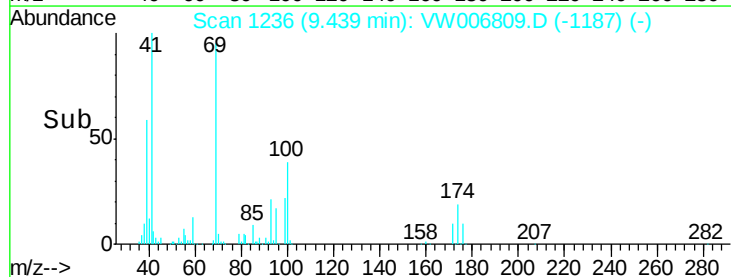
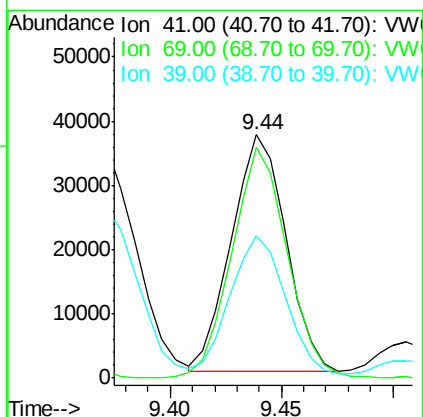
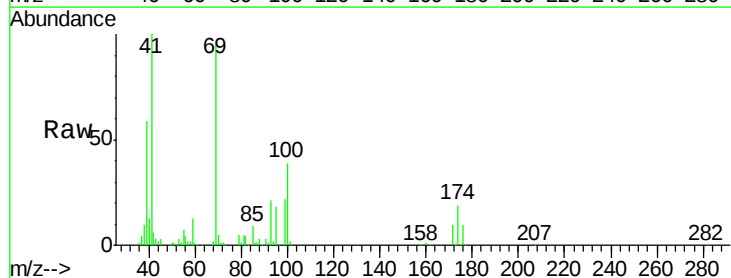
RT: 9.44 min Scan# 1236

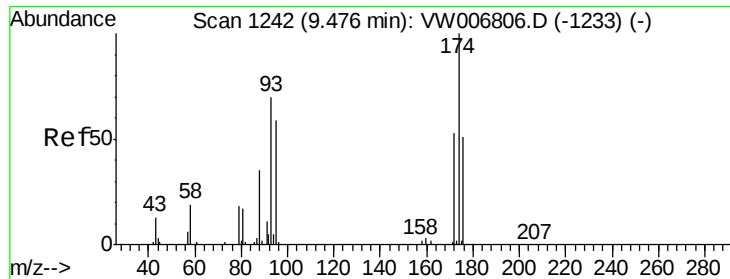
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	41	Resp:	62714
Ion	Ratio	Lower	Upper
41	100		
69	100.0	79.8	119.6
39	58.7	45.9	68.9





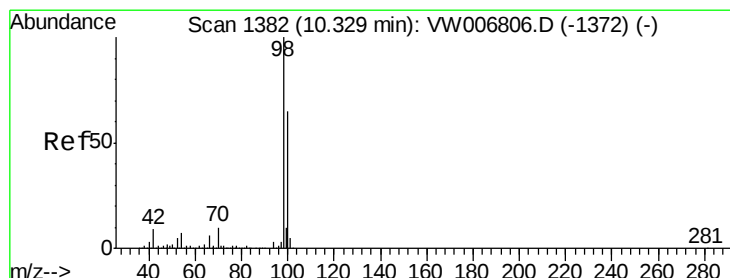
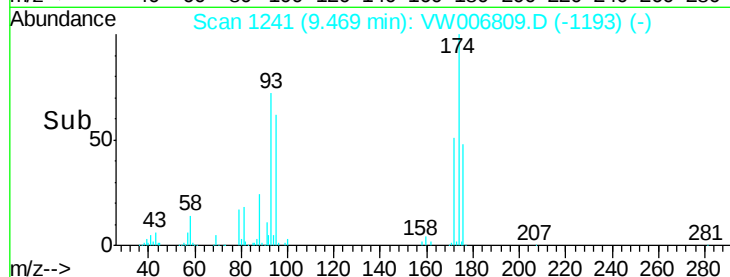
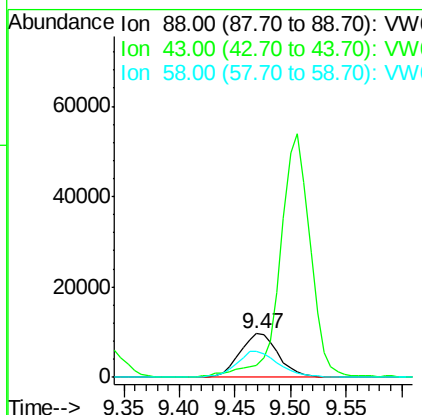
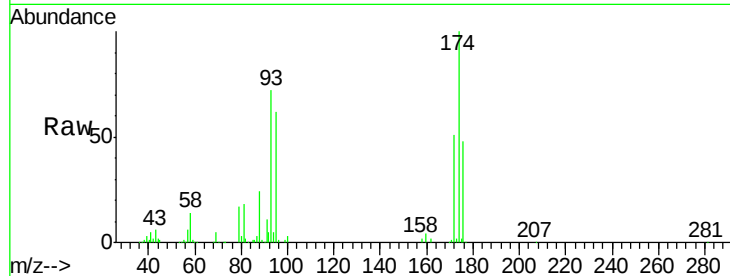
#49
1,4-Dioxane
Concen: 984.844 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.9	50.6	75.8

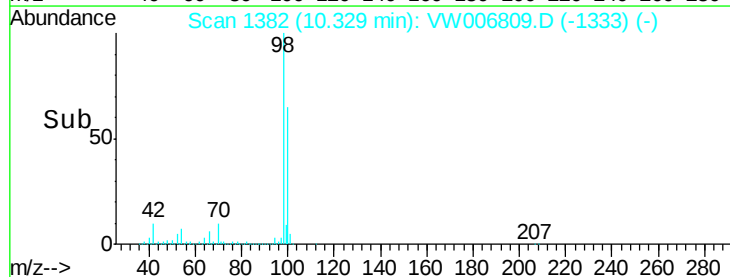
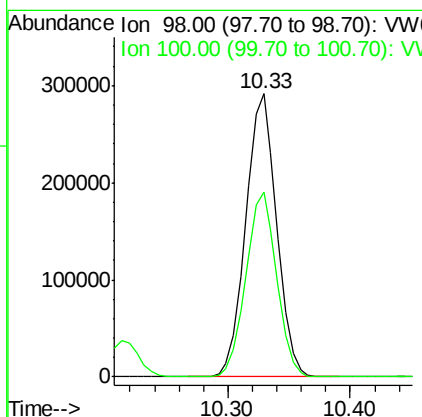
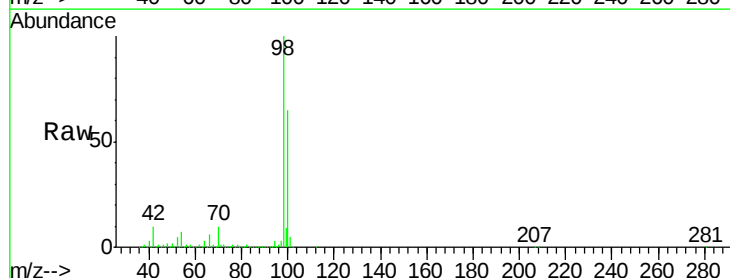
Manual Integrations
APPROVED

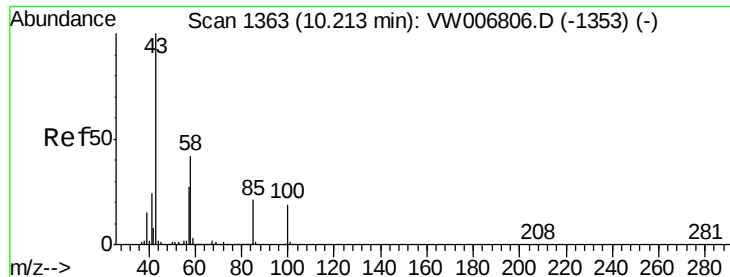
apatel
11/13/2018 11:53:50 AM



#50
Toluene-d8
Concen: 44.549 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2





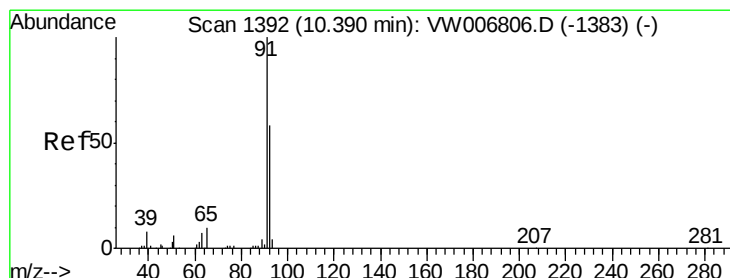
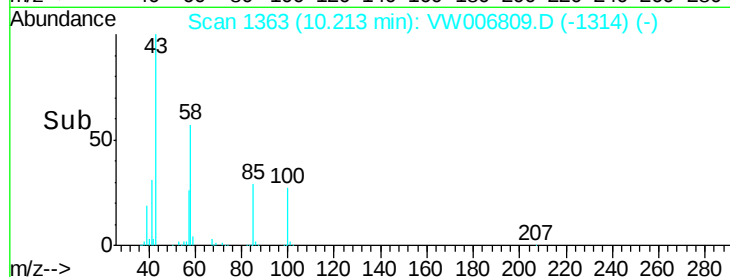
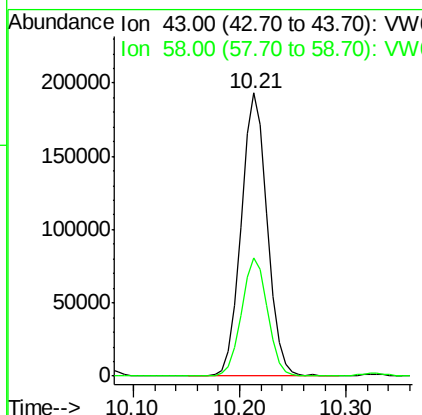
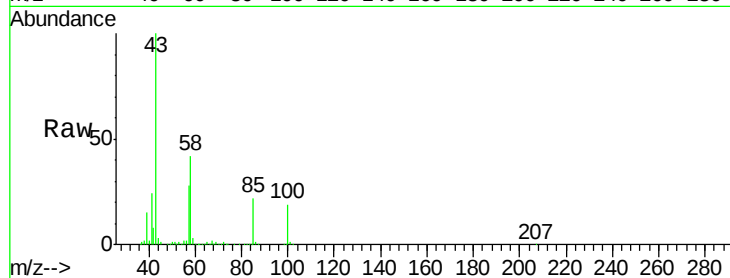
#51
4-Methyl-2-Pentanone
Concen: 239.028 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 43 Resp: 330922
Ion Ratio Lower Upper
43 100
58 42.0 34.0 51.0

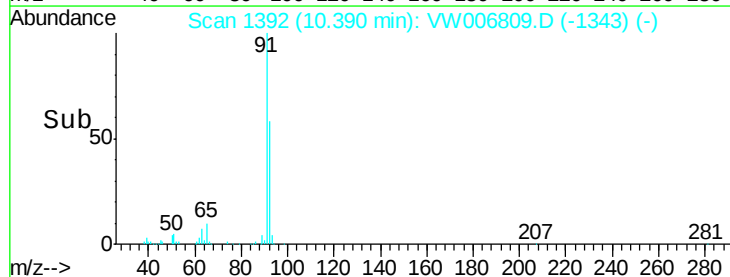
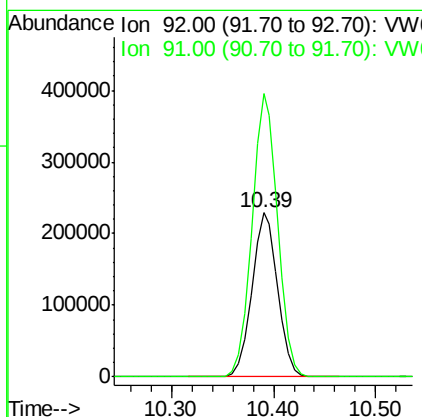
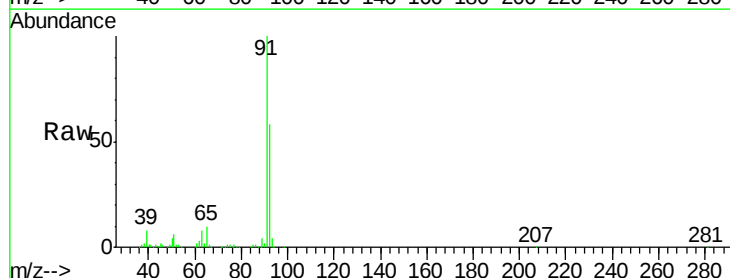
Manual Integrations
APPROVED

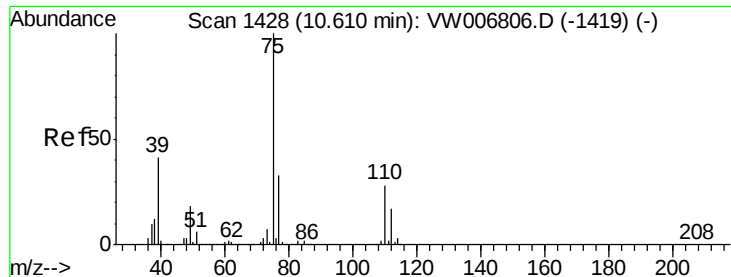
apatel
11/13/2018 11:53:50 AM



#52
Toluene
Concen: 46.716 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 92 Resp: 399825
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.2





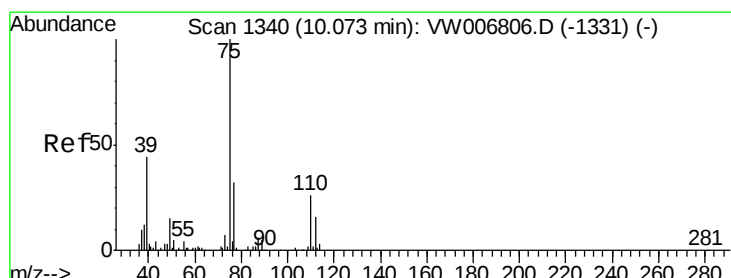
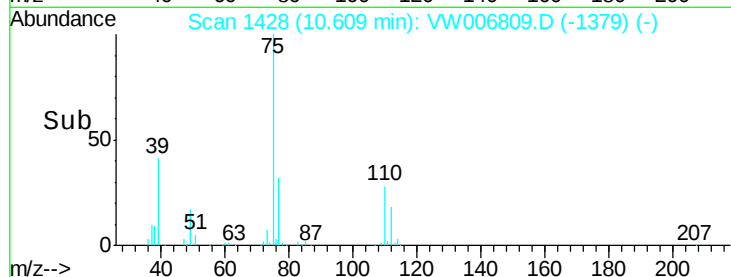
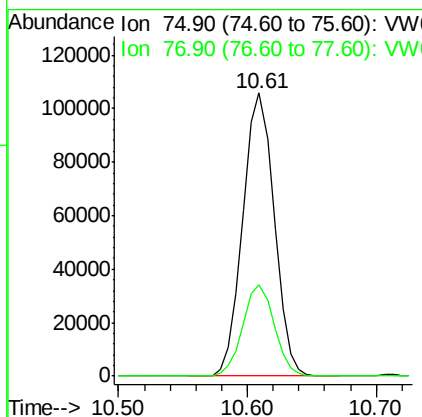
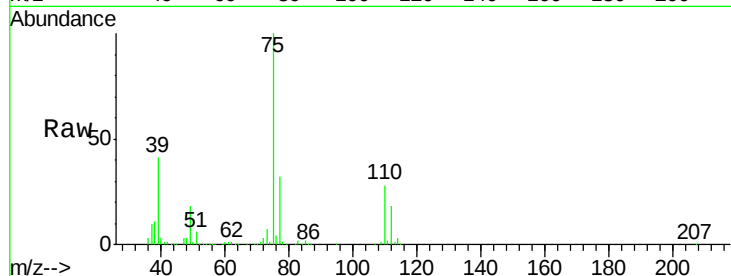
#53
t-1,3-Dichloropropene
Concen: 46.677 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 75 Resp: 178513
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5

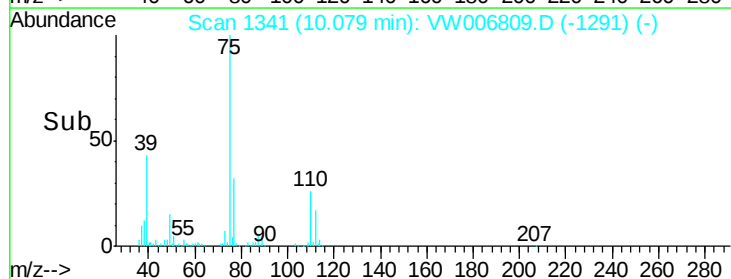
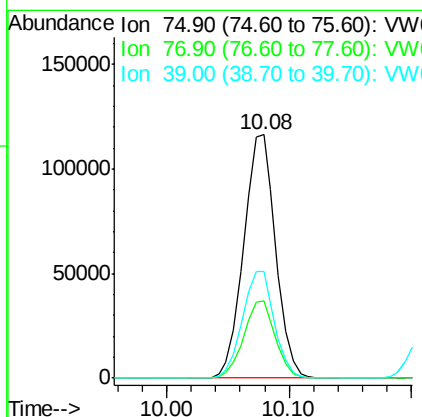
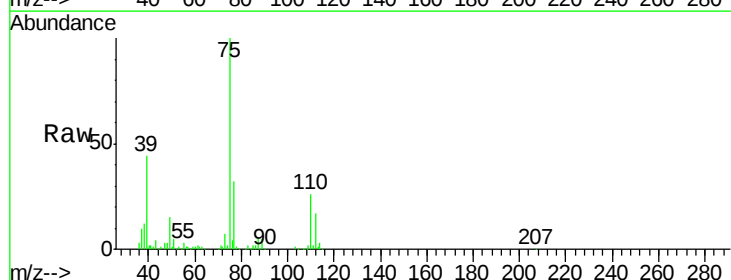
Manual Integrations
APPROVED

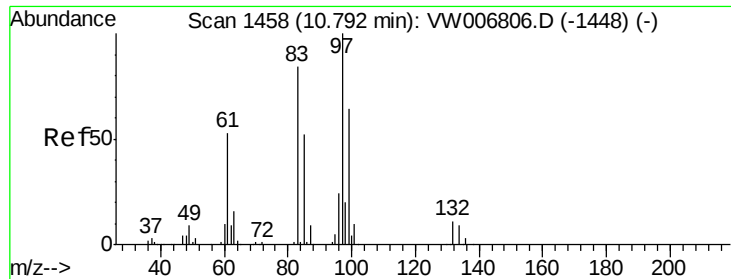
apatel
11/13/2018 11:53:50 AM



#54
cis-1,3-Dichloropropene
Concen: 46.467 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 75 Resp: 210727
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 43.5 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 45.406 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

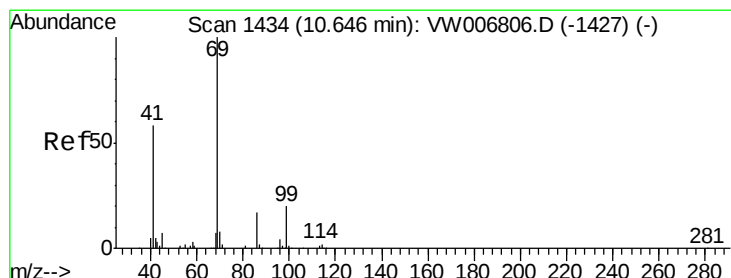
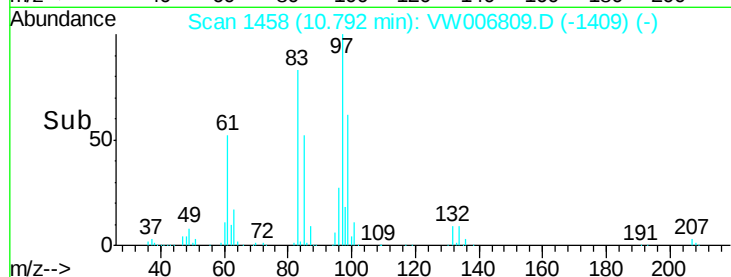
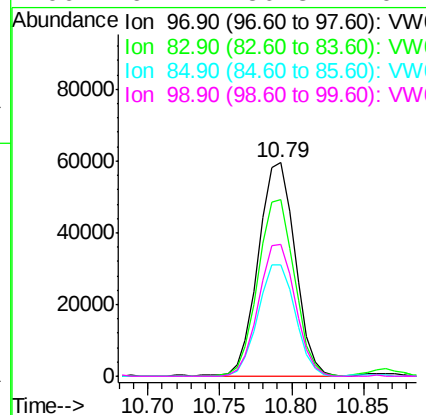
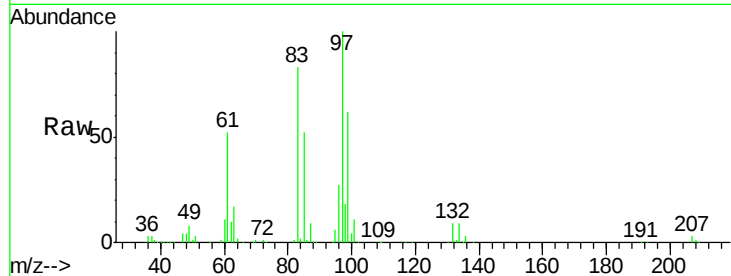
ClientSampleId :

ICVW111218

Tgt Ion:	97	Resp:	105527
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.0	100.4
85	52.0	41.7	62.5
99	61.7	50.8	76.2

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#56

Ethyl methacrylate

Concen: 48.846 ug/l

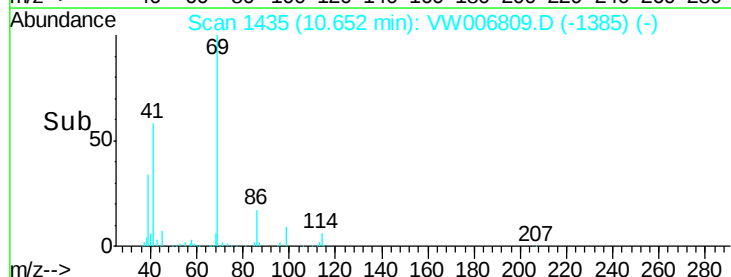
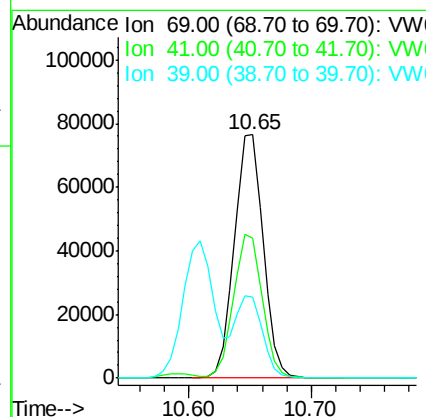
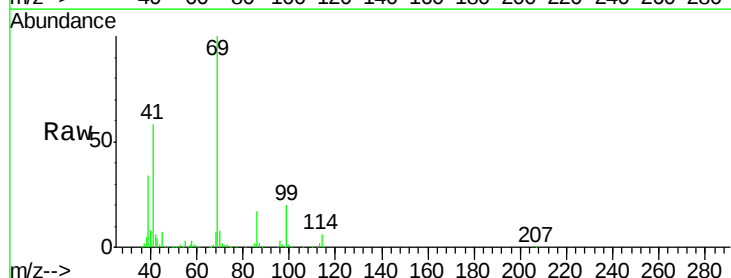
RT: 10.65 min Scan# 1435

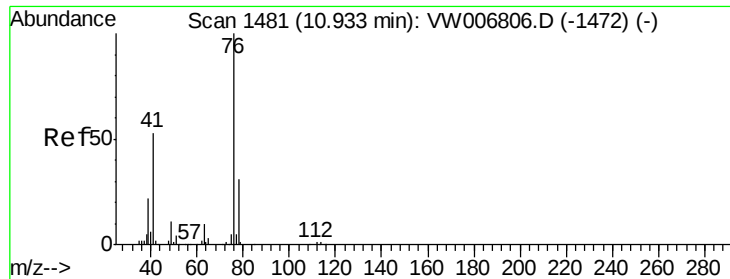
Delta R.T. 0.01 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	69	Resp:	124415
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.0	70.4
39	33.5	23.1	34.7





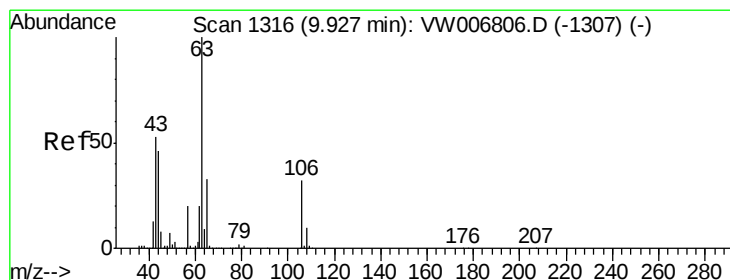
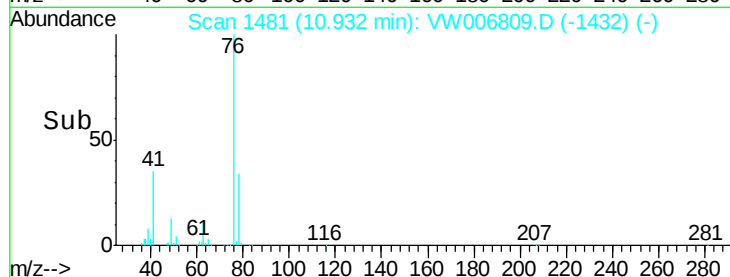
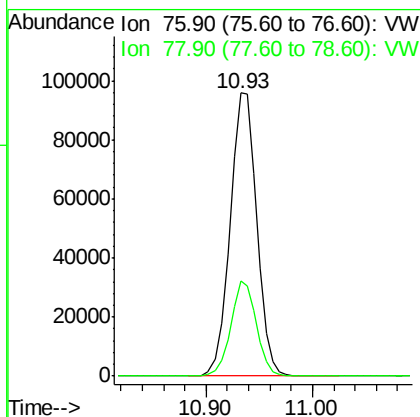
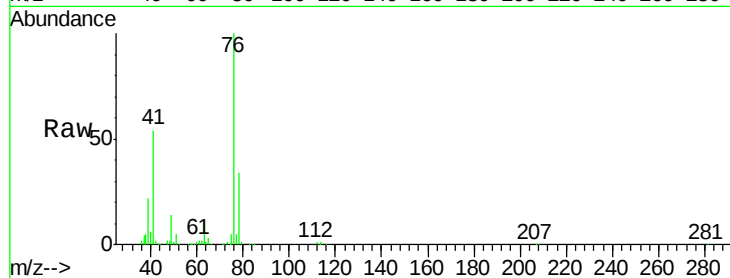
#57
 1,3-Dichloropropane
 Concen: 45.640 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion: 76 Resp: 167986
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2

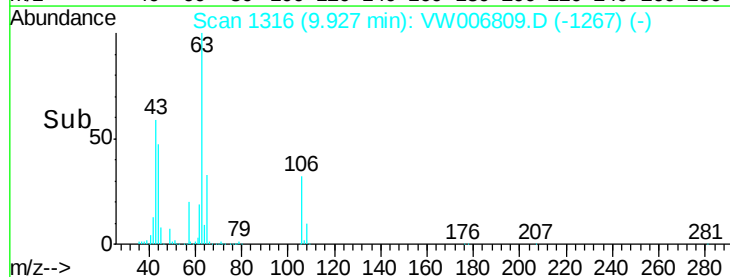
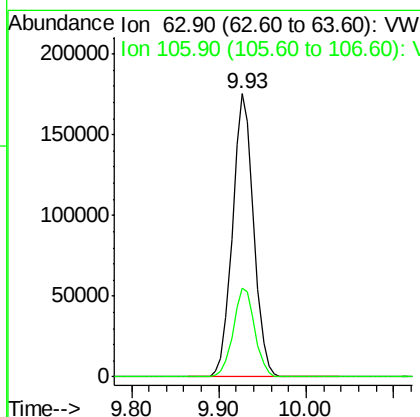
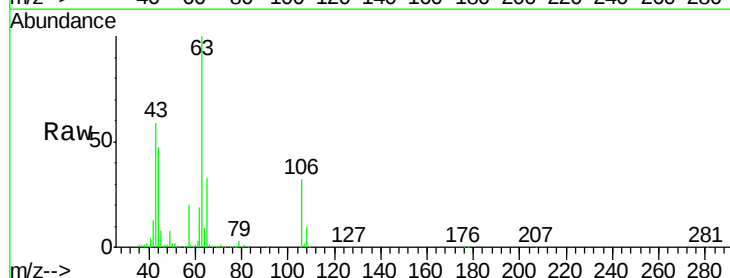
Manual Integrations
 APPROVED

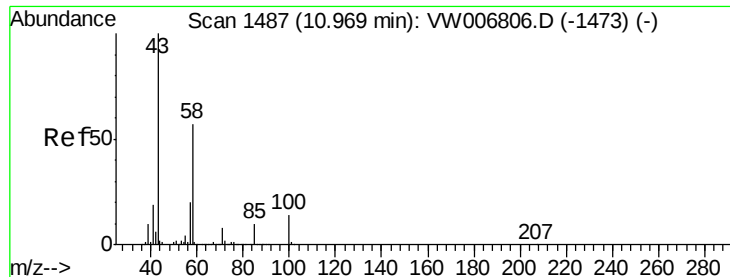
apatel
 11/13/2018 11:53:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.917 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion: 63 Resp: 295851
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0





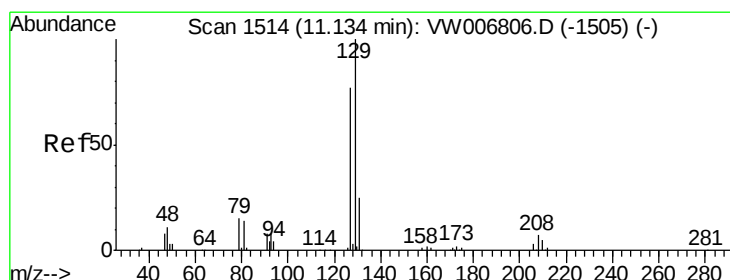
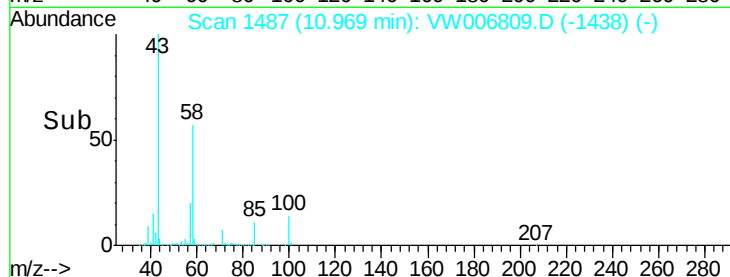
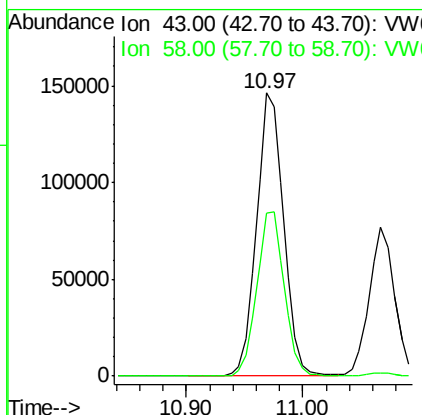
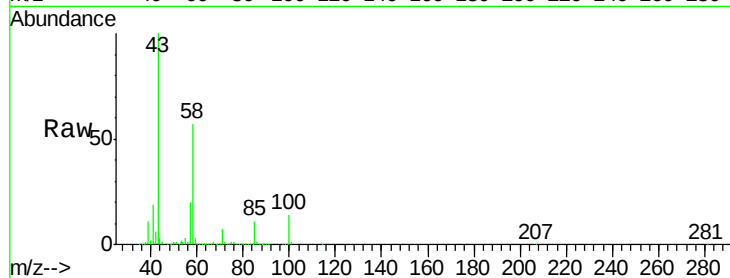
#59
2-Hexanone
Concen: 249.418 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 43 Resp: 238179
Ion Ratio Lower Upper
43 100
58 58.7 28.7 86.1

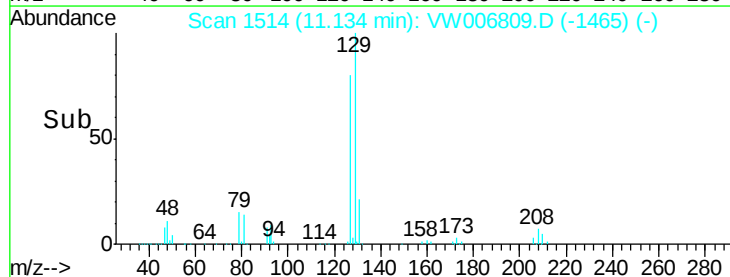
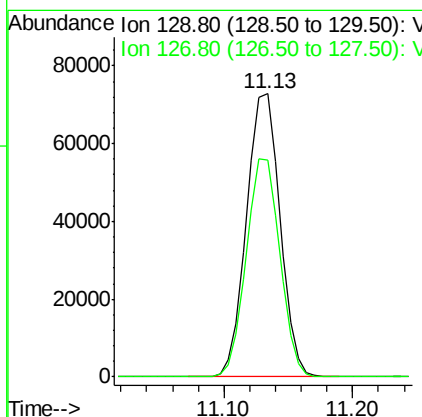
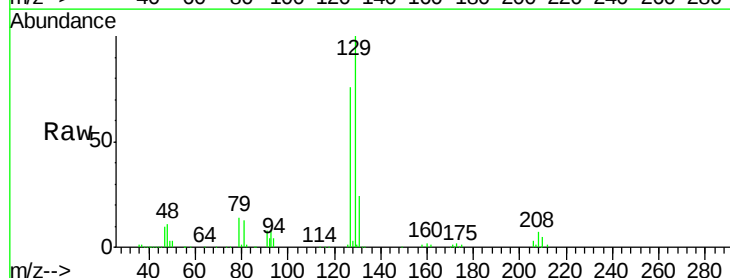
Manual Integrations
APPROVED

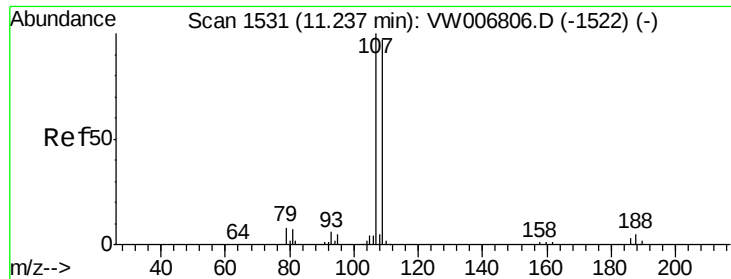
apatel
11/13/2018 11:53:50 AM



#60
Dibromochloromethane
Concen: 46.199 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 129 Resp: 131382
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





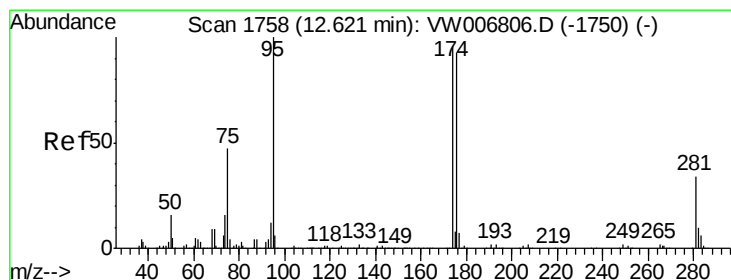
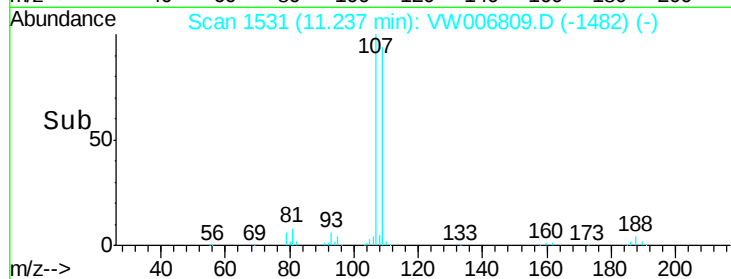
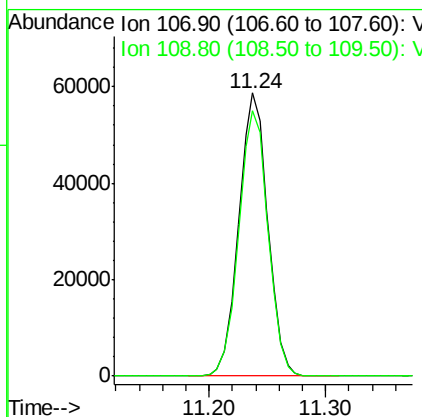
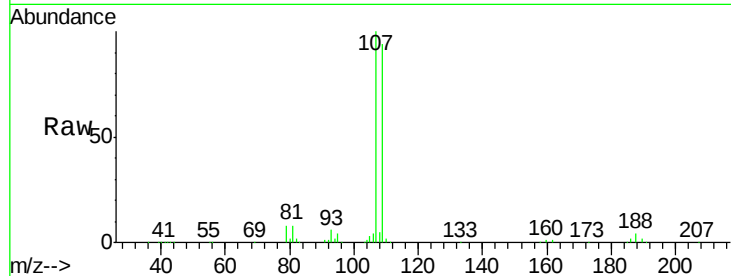
#61
 1,2-Dibromoethane
 Concen: 46.044 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion: 107 Resp: 101631
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1

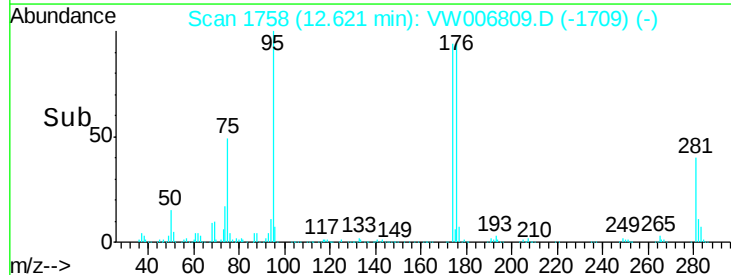
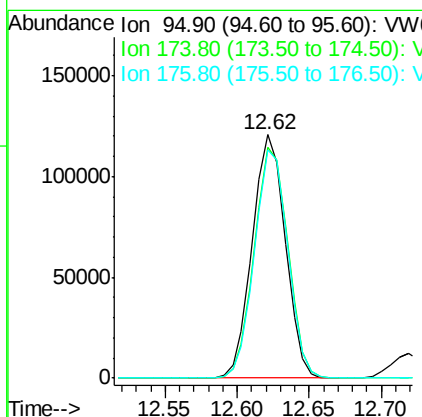
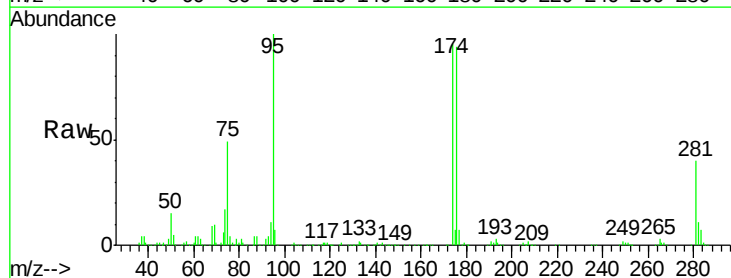
Manual Integrations
 APPROVED

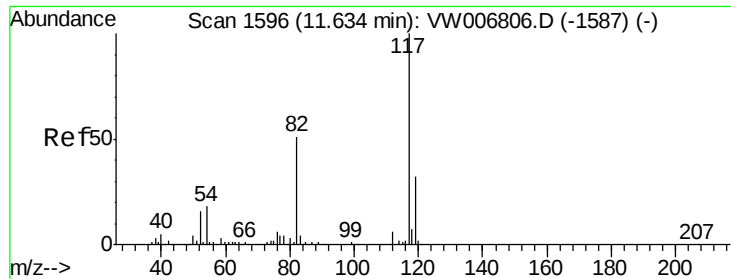
apatel
 11/13/2018 11:53:50 AM



#62
 4-Bromofluorobenzene
 Concen: 45.391 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion: 95 Resp: 191432
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 196.6
 176 94.6 0.0 191.6





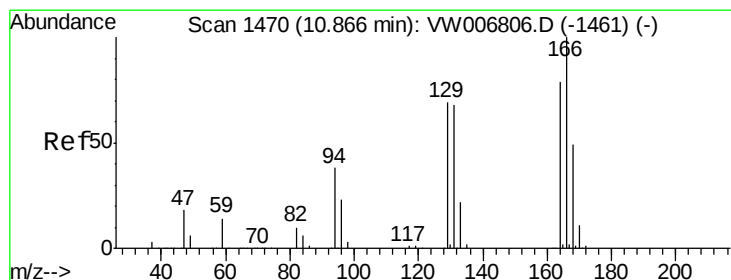
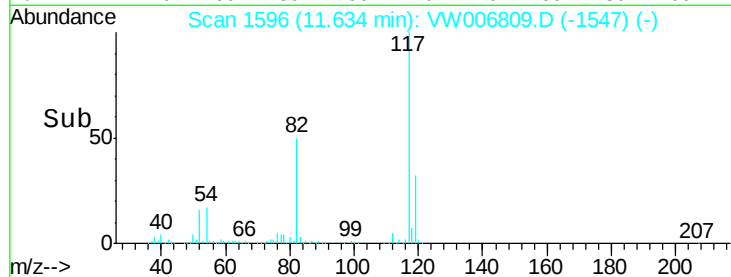
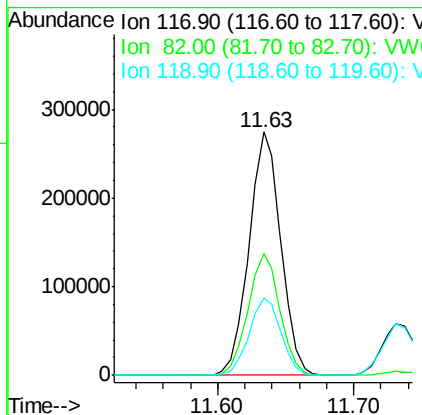
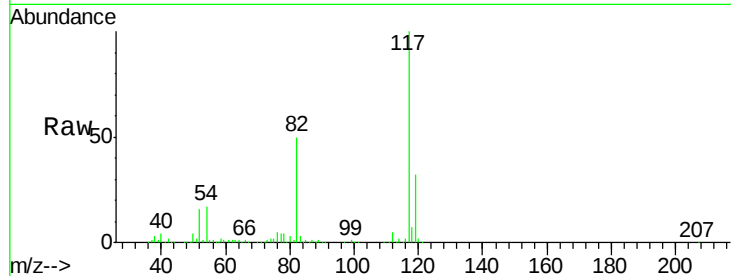
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	448834		
82	50.1	40.6	61.0	
119	31.6	25.5	38.3	

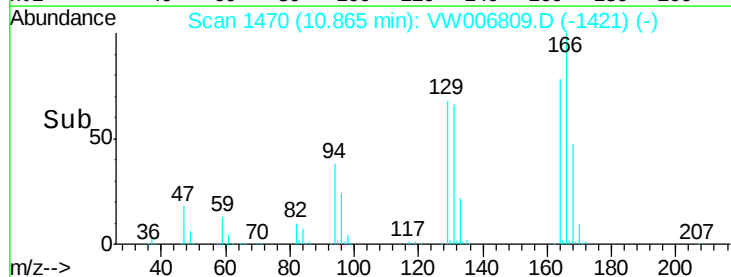
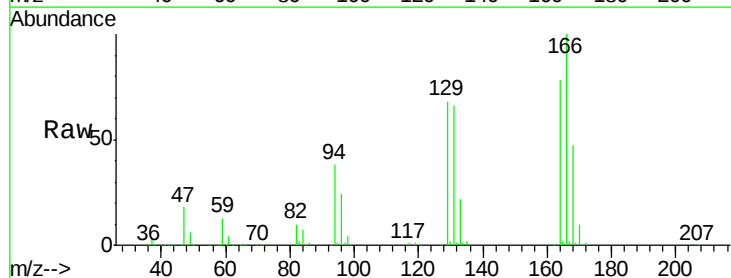
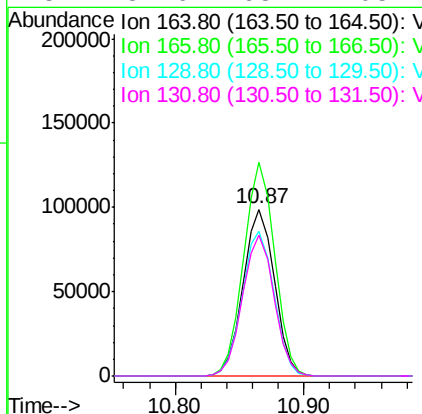
Manual Integrations
APPROVED

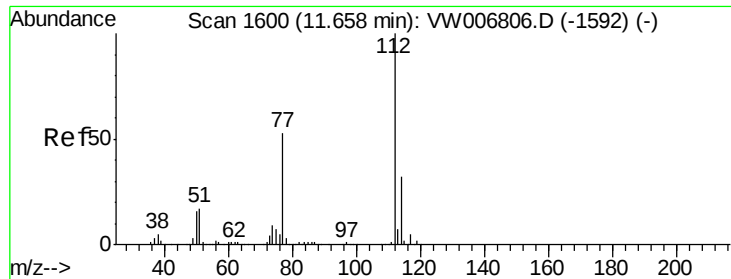
apatel
11/13/2018 11:53:50 AM



#64
Tetrachloroethene
Concen: 46.109 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165847		
166	128.4	101.3	151.9	
129	87.1	69.6	104.4	
131	84.6	68.7	103.1	





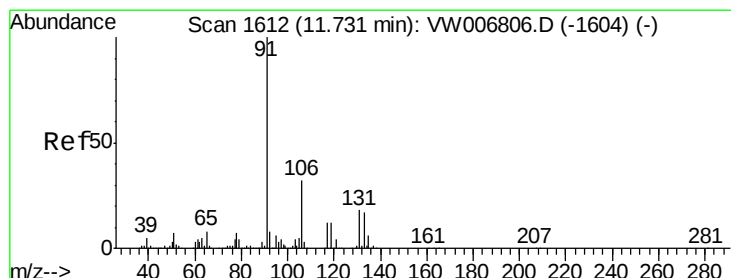
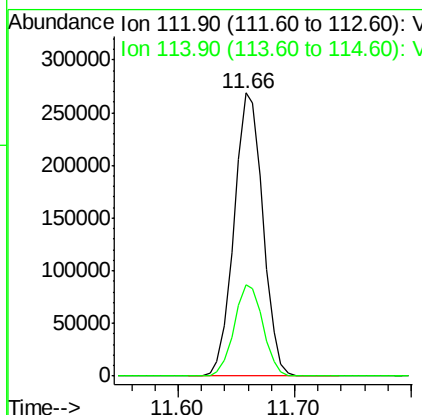
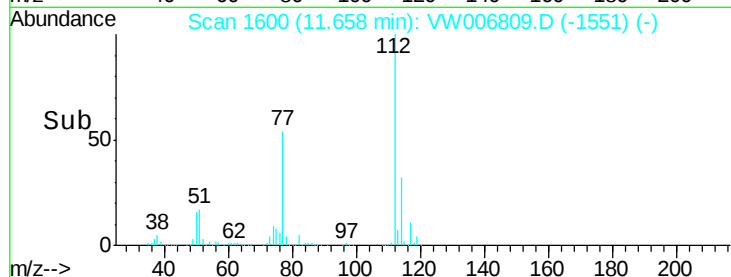
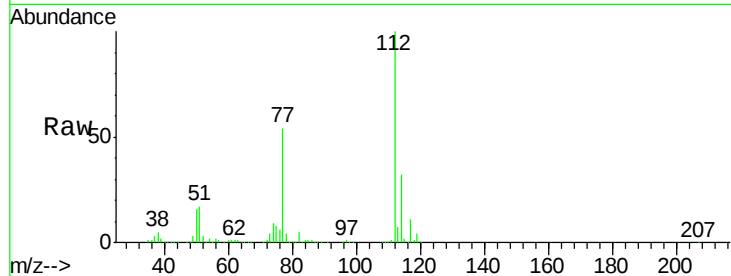
#65
Chlorobenzene
Concen: 46.454 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion:112 Resp: 462553
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

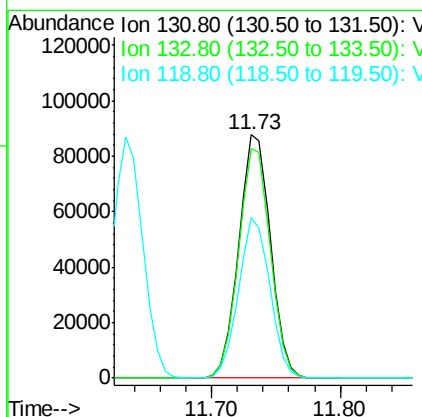
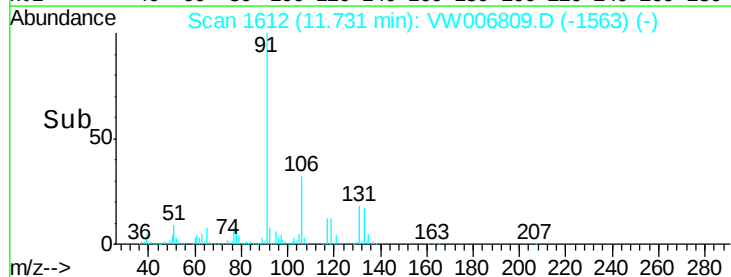
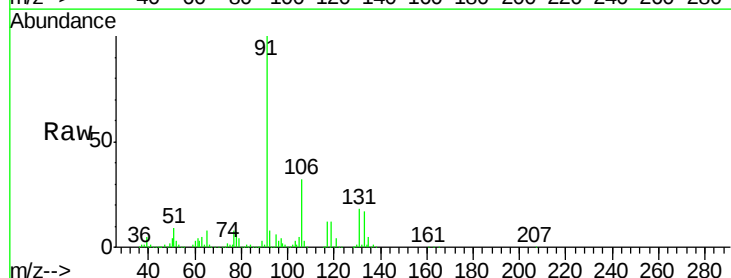
Manual Integrations
APPROVED

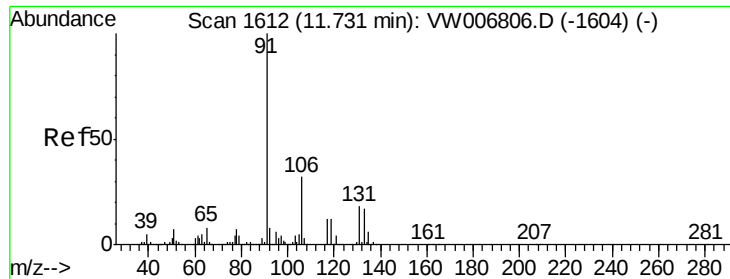
apatel
11/13/2018 11:53:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.232 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion:131 Resp: 149376
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.8
119 65.1 32.4 97.2





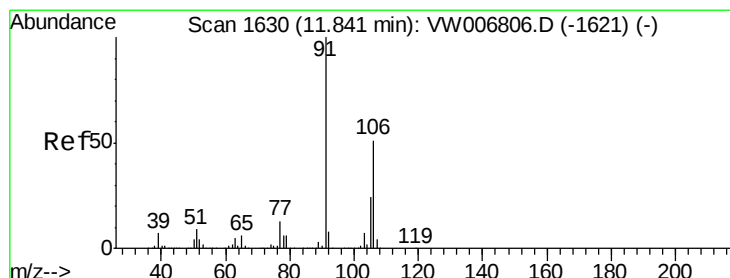
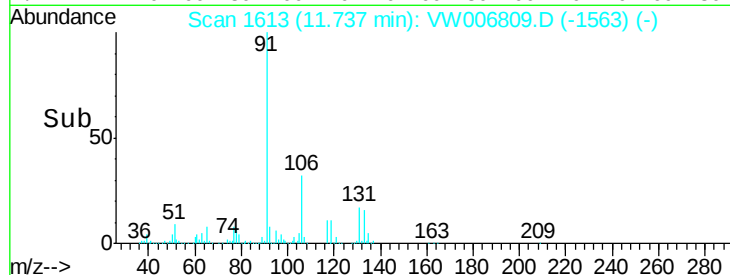
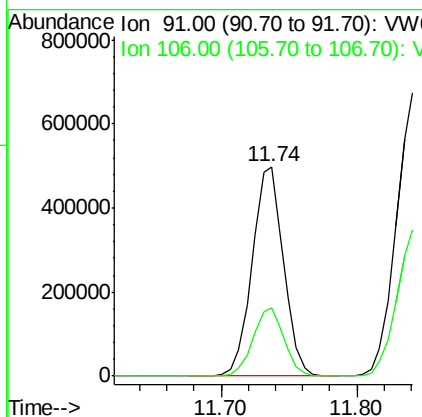
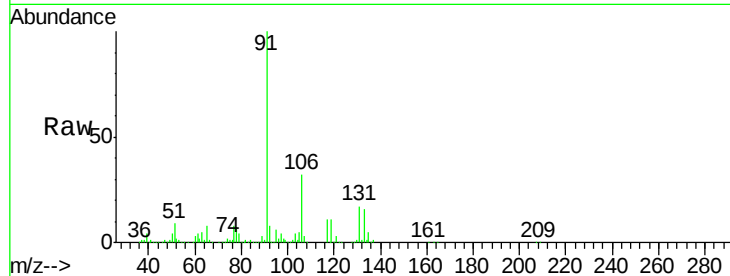
#67
Ethyl Benzene
Concen: 47.251 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion: 91 Resp: 802098
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.0

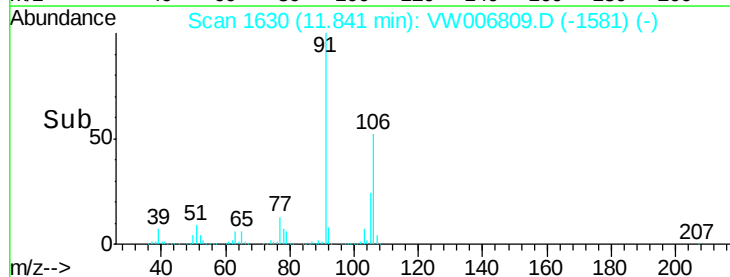
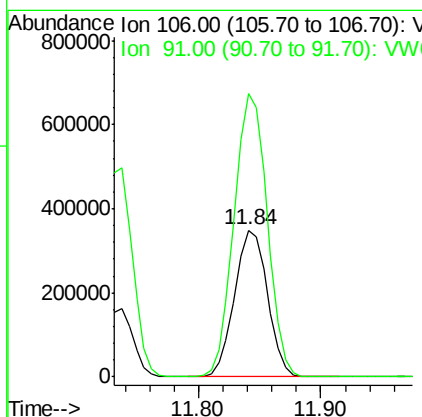
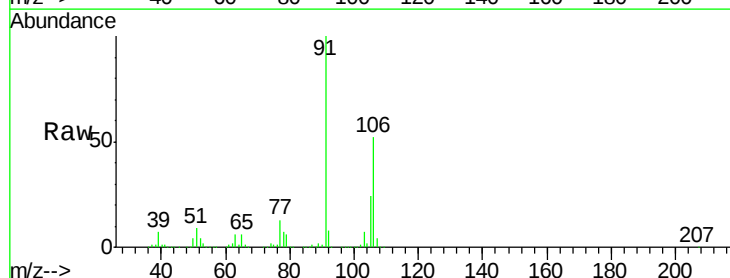
Manual Integrations
APPROVED

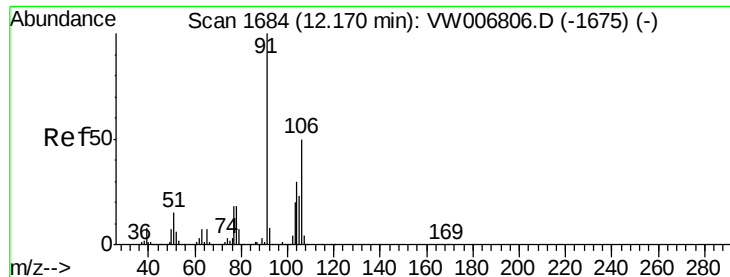
apatel
11/13/2018 11:53:50 AM



#68
m/p-Xylenes
Concen: 93.901 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion: 106 Resp: 652185
Ion Ratio Lower Upper
106 100
91 194.0 155.7 233.5





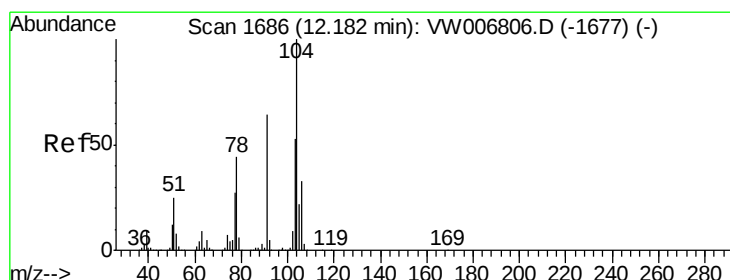
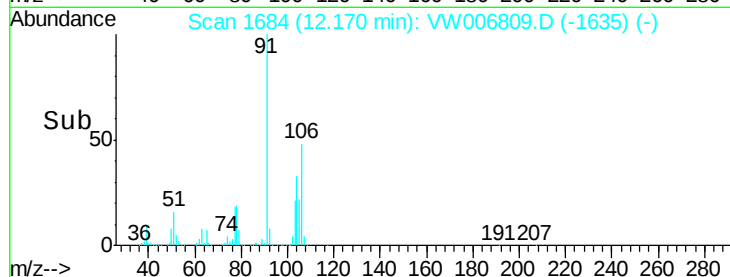
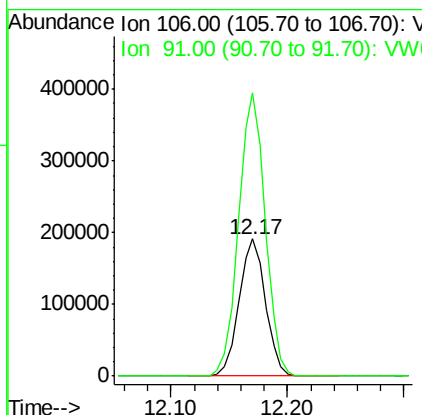
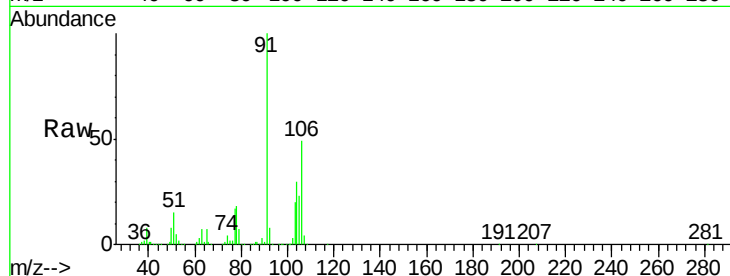
#69
o-Xylene
Concen: 46.703 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion:106 Resp: 301890
Ion Ratio Lower Upper
106 100
91 208.0 101.9 305.7

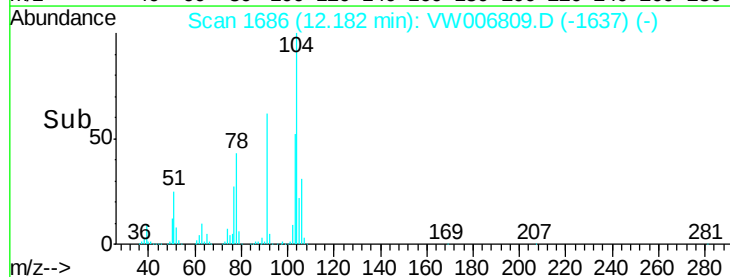
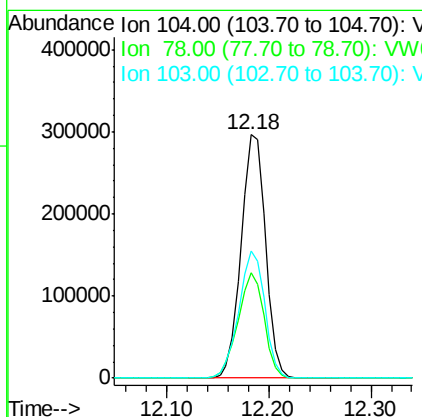
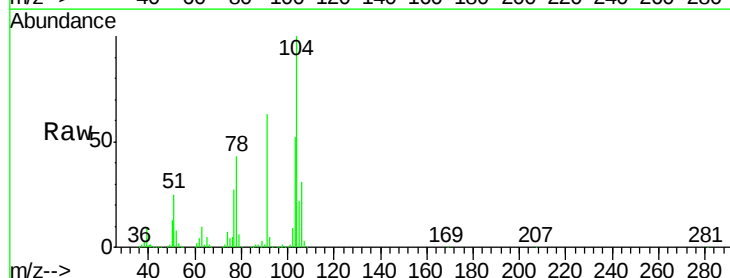
Manual Integrations
APPROVED

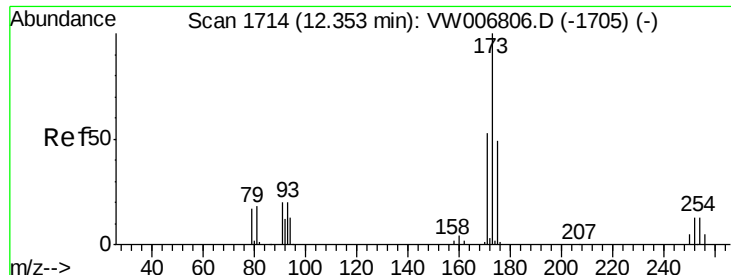
apatel
11/13/2018 11:53:50 AM



#70
Styrene
Concen: 47.724 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion:104 Resp: 493753
Ion Ratio Lower Upper
104 100
78 46.2 37.3 55.9
103 55.3 44.6 66.8





#71

Bromoform

Concen: 46.581 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion:173 Resp: 82137

Ion Ratio Lower Upper

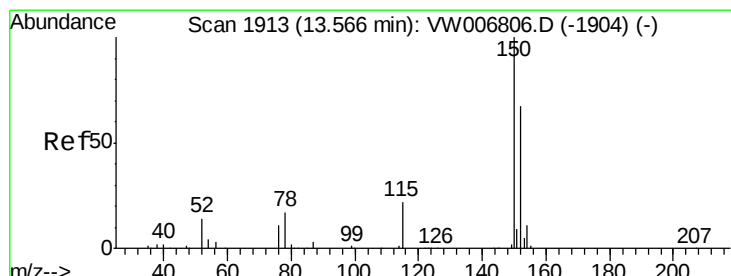
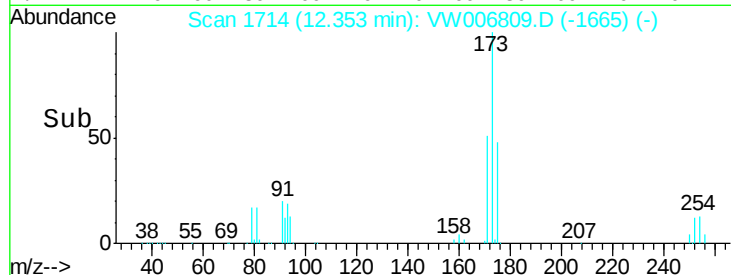
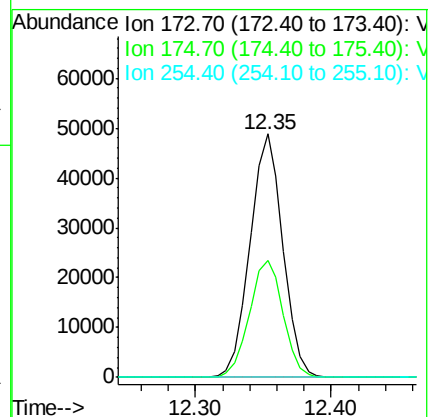
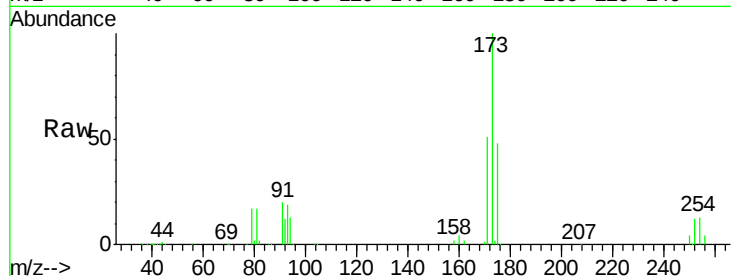
173 100

175 49.1 24.4 73.4

254 0.0 0.1 0.1#

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

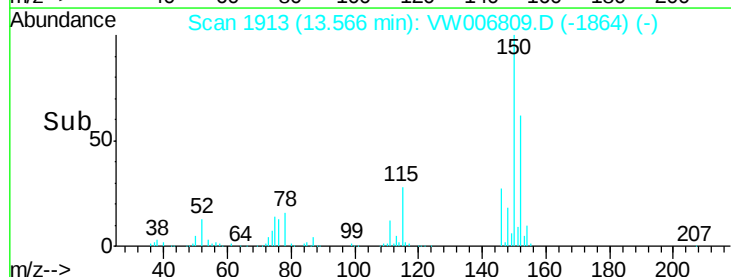
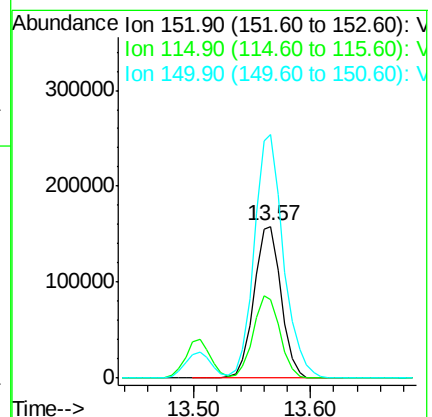
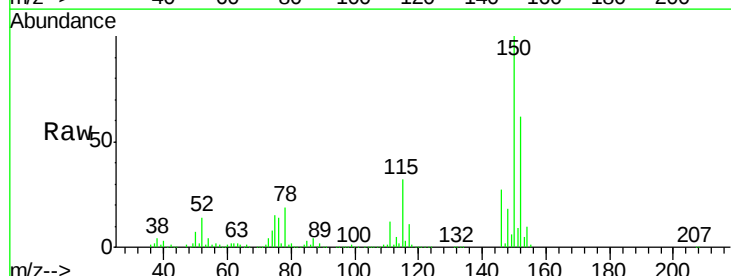
Tgt Ion:152 Resp: 255146

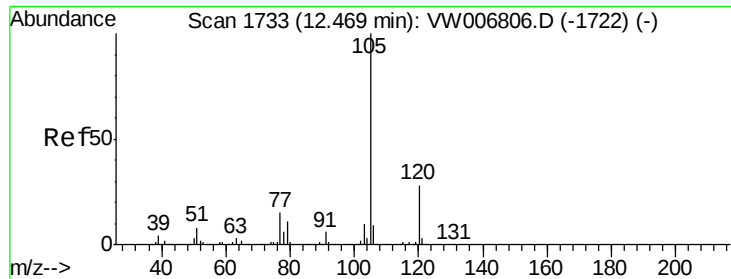
Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.8

150 172.9 0.0 353.0





#73

Isopropylbenzene

Concen: 47.374 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 105 Resp: 839016

Ion Ratio Lower Upper

105 100

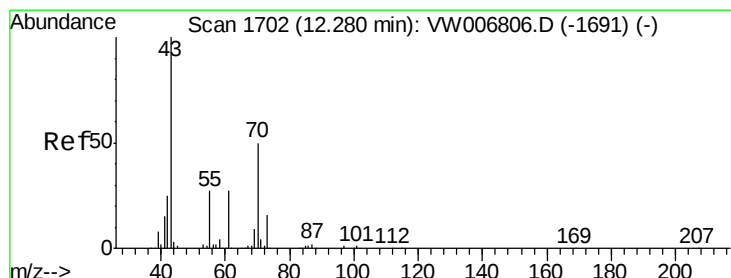
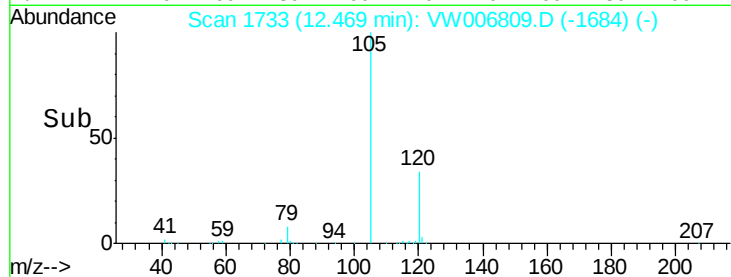
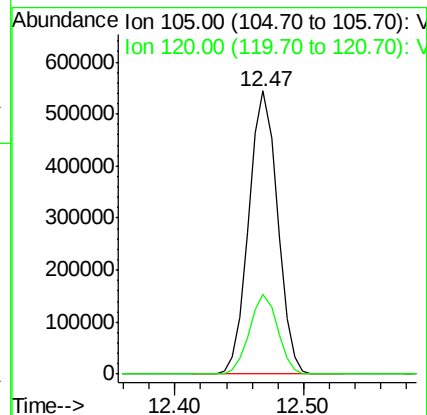
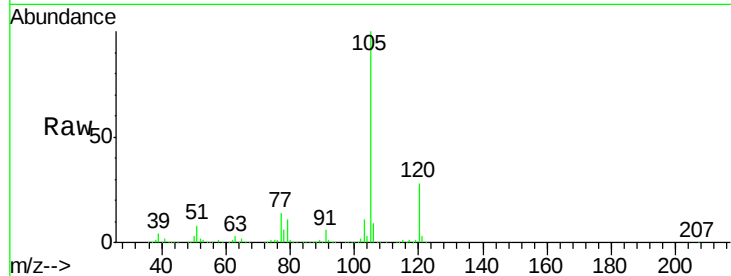
120 27.5 14.0 42.0

Manual Integrations

APPROVED

apatel

11/13/2018 11:53:50 AM



#74

N-ethyl acetate

Concen: 49.438 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion: 43 Resp: 132389

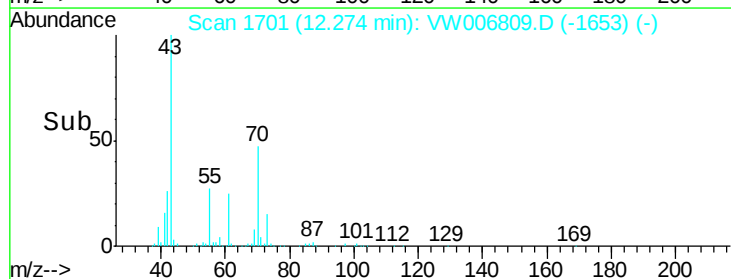
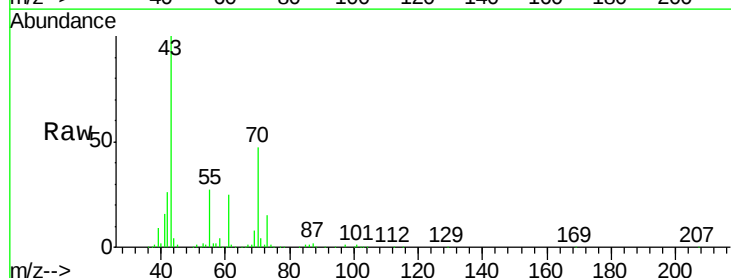
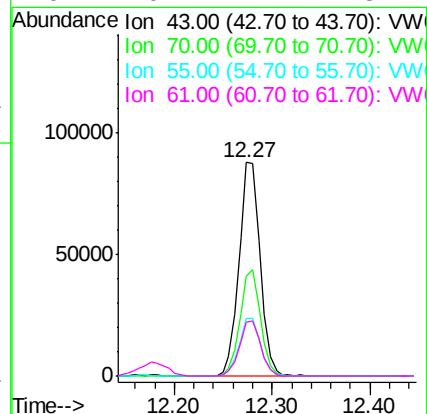
Ion Ratio Lower Upper

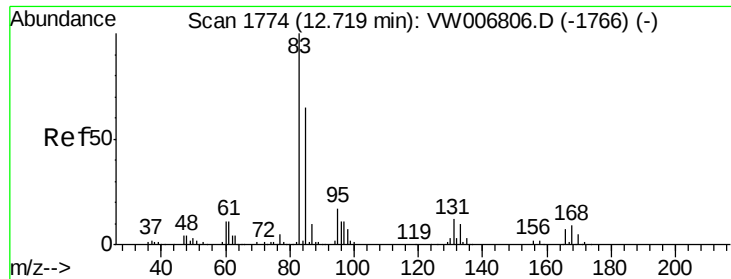
43 100

70 48.4 39.0 58.4

55 27.5 22.1 33.1

61 26.1 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.875 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

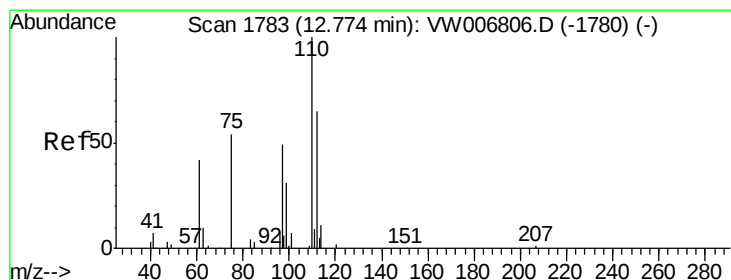
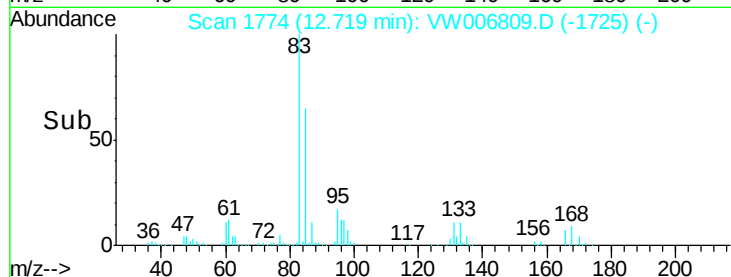
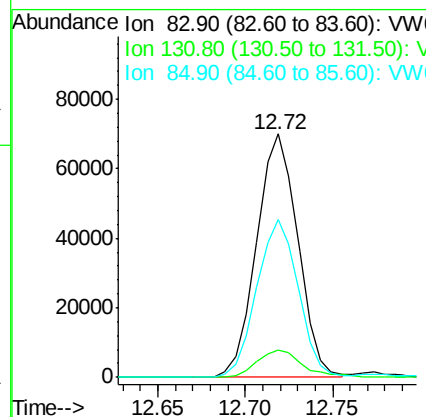
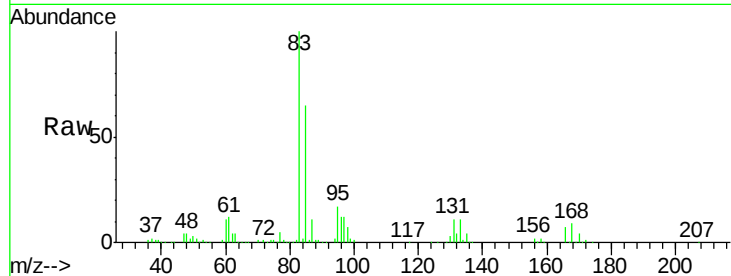
ClientSampleId :

ICVW111218

Tgt Ion:	83	Resp:	114843
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.1	18.3
85	64.9	32.4	97.0

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#76

1,2,3-Trichloropropane

Concen: 49.134 ug/l m

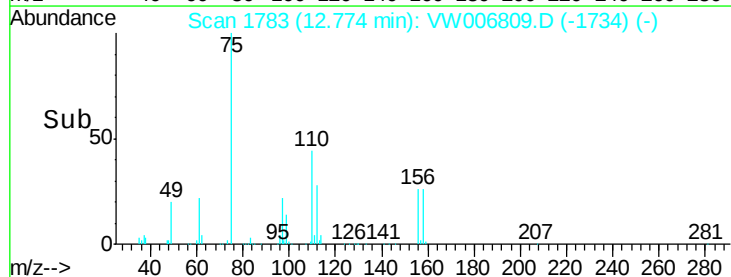
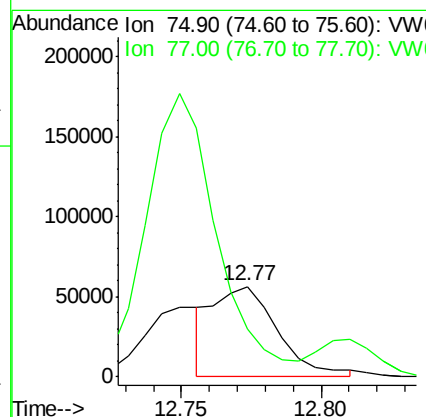
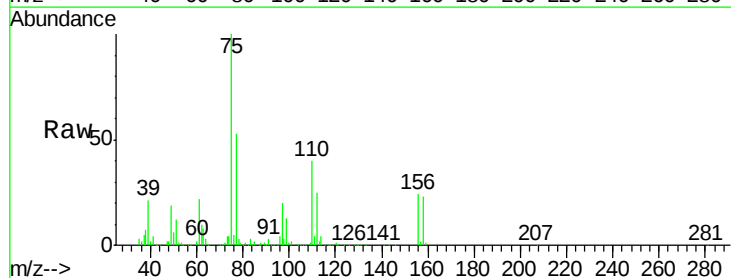
RT: 12.77 min Scan# 1783

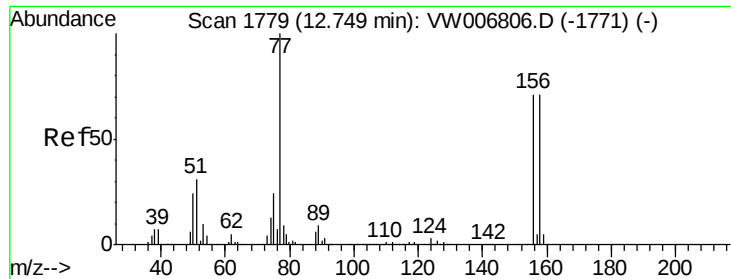
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	75	Resp:	90344
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.460 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

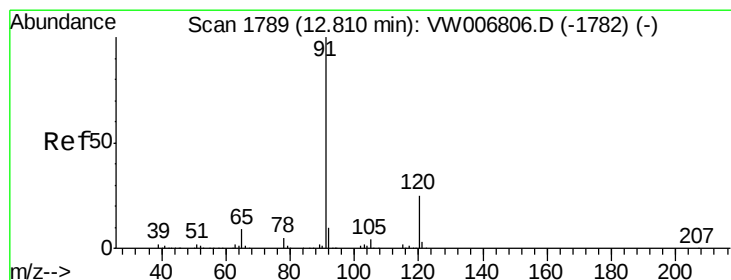
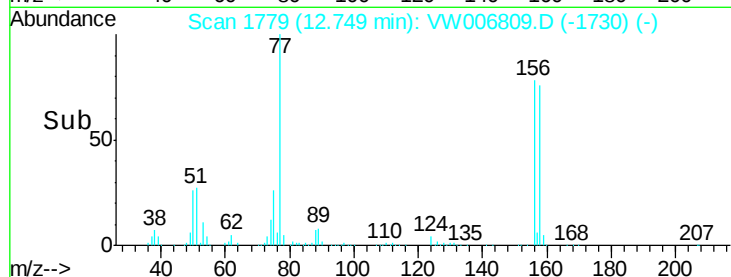
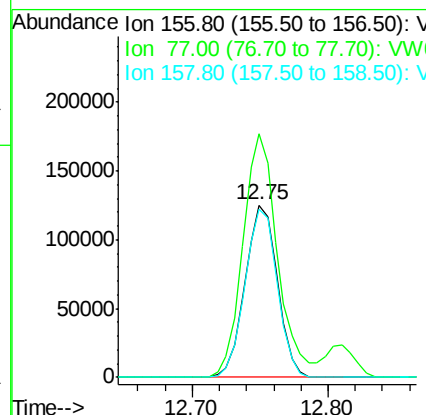
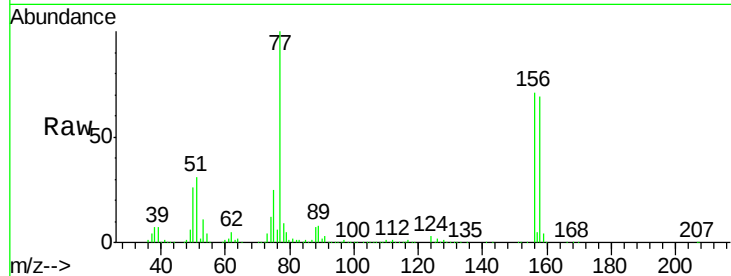
ClientSampleId :

ICVW111218

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.8	75.3	225.7
158	98.0	49.2	147.6

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#78

n-propylbenzene

Concen: 47.135 ug/l

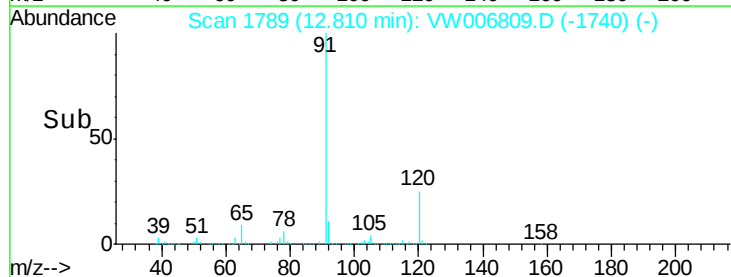
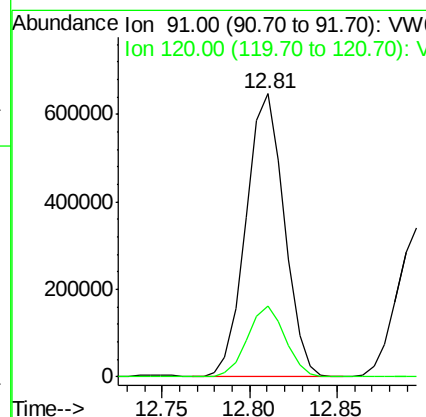
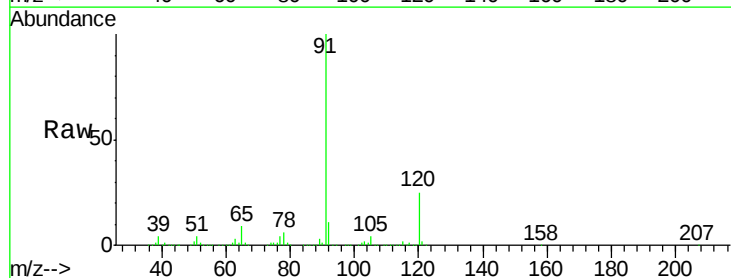
RT: 12.81 min Scan# 1789

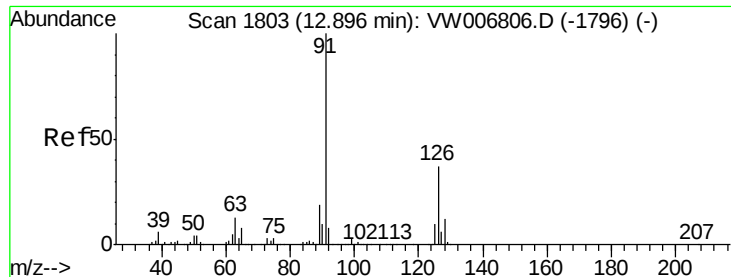
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.4





#79

2-Chlorotoluene

Concen: 46.632 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW111218

Tgt Ion: 91 Resp: 546873

Ion Ratio Lower Upper

91 100

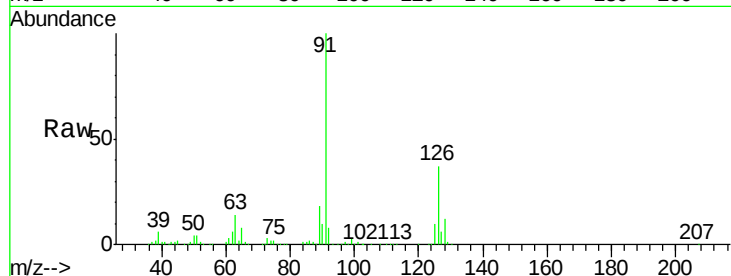
126 37.3 18.5 55.5

Manual Integrations

APPROVED

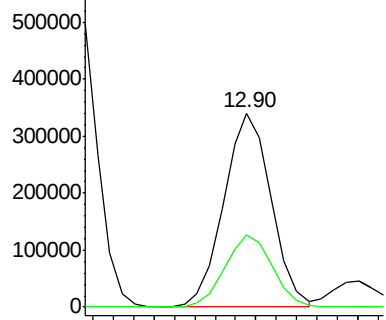
apatel

11/13/2018 11:53:50 AM

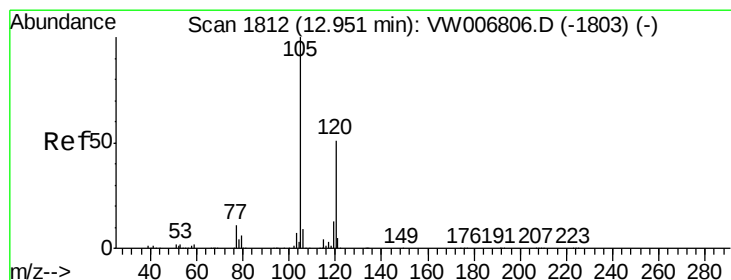
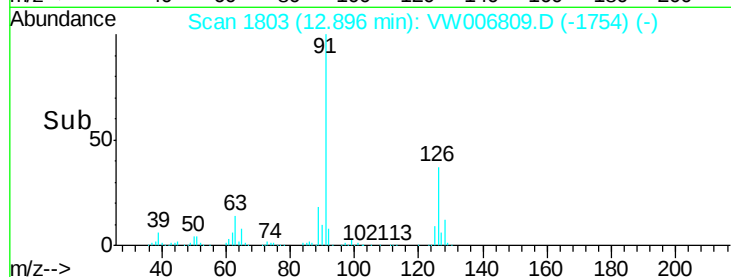


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.222 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006809.D

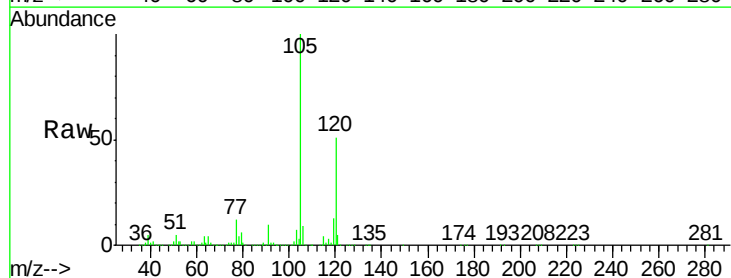
Acq: 12 Nov 2018 15:23

Tgt Ion: 105 Resp: 718959

Ion Ratio Lower Upper

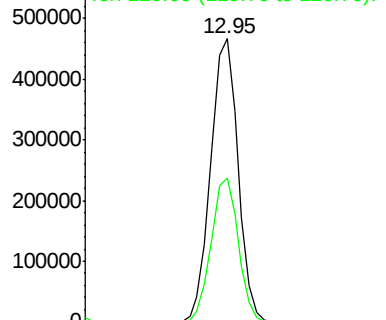
105 100

120 50.7 25.3 75.9

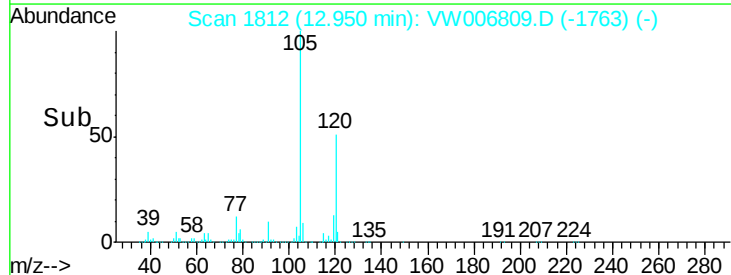


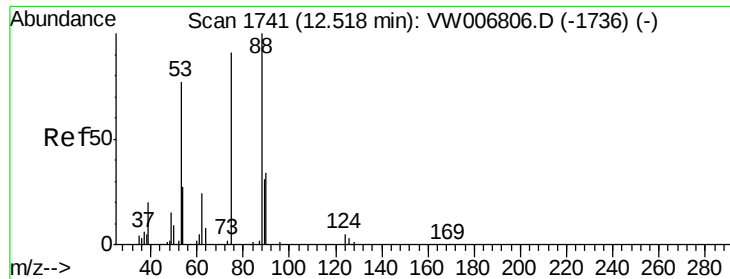
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.840 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Instrument :

MSVOA_W

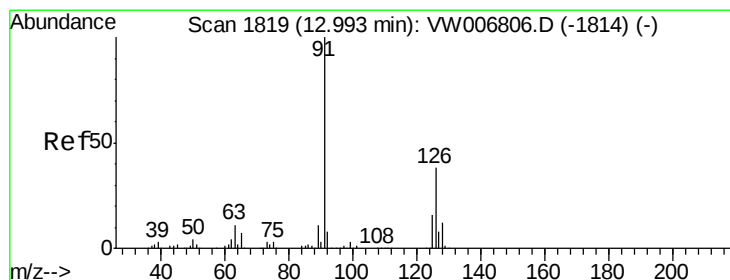
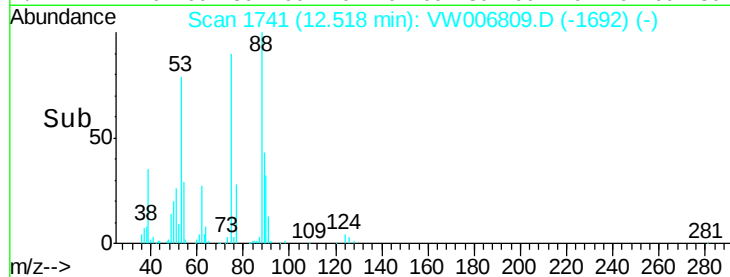
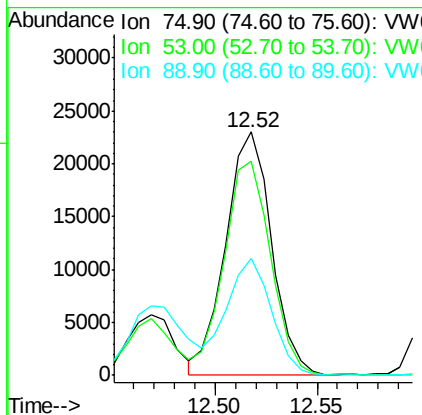
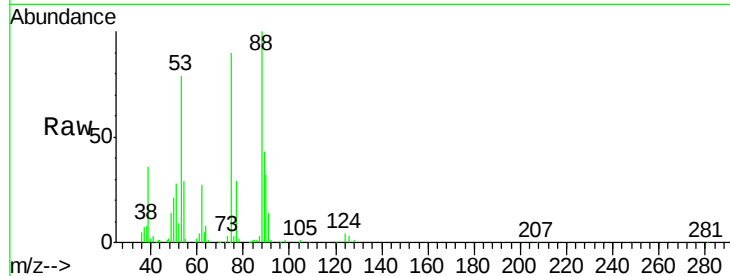
ClientSampleId :

ICVW111218

Tgt Ion:	75	Resp:	35562
Ion Ratio	Lower	Upper	
75	100		
53	90.7	72.9	109.3
89	47.6	38.7	58.1

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#82

4-Chlorotoluene

Concen: 46.640 ug/l

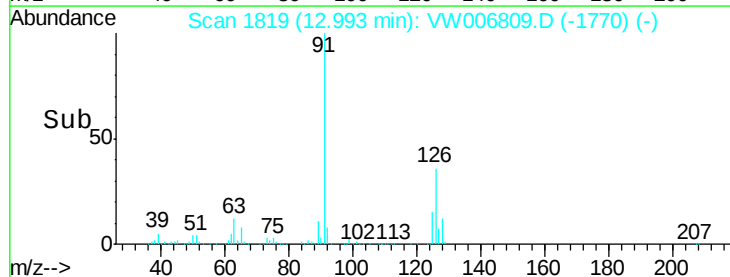
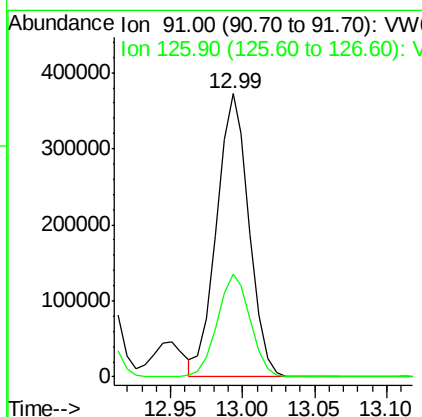
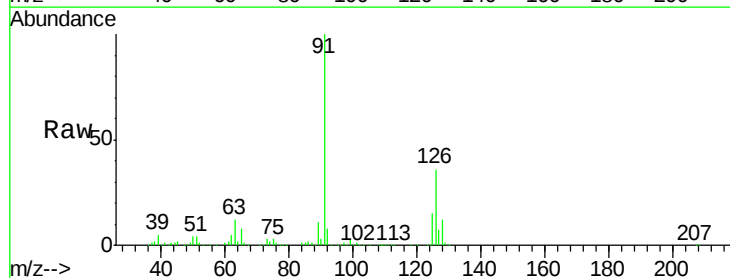
RT: 12.99 min Scan# 1819

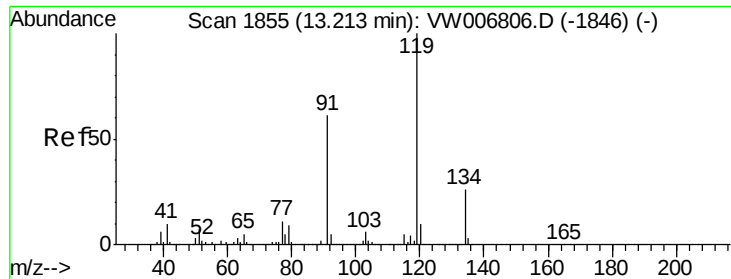
Delta R.T. -0.00 min

Lab File: VW006809.D

Acq: 12 Nov 2018 15:23

Tgt Ion:	91	Resp:	583590
Ion Ratio	Lower	Upper	
91	100		
126	36.7	18.4	55.2





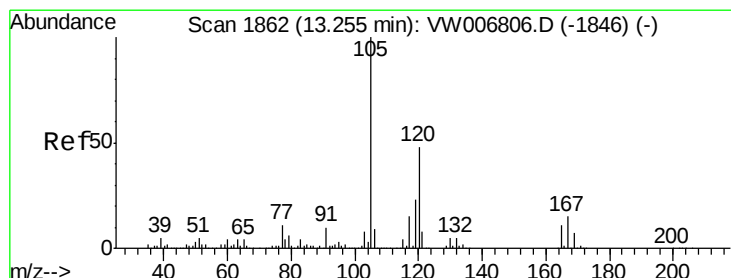
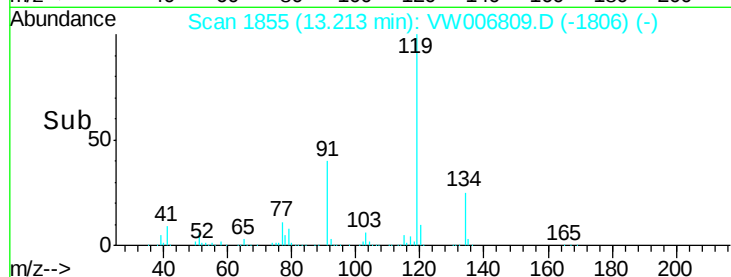
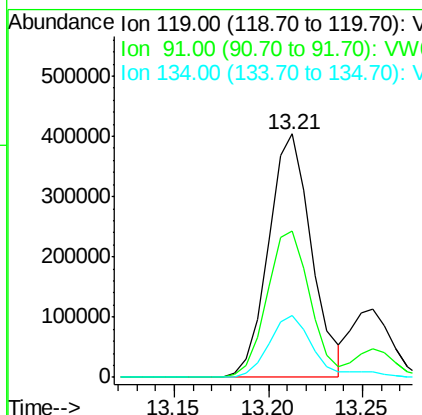
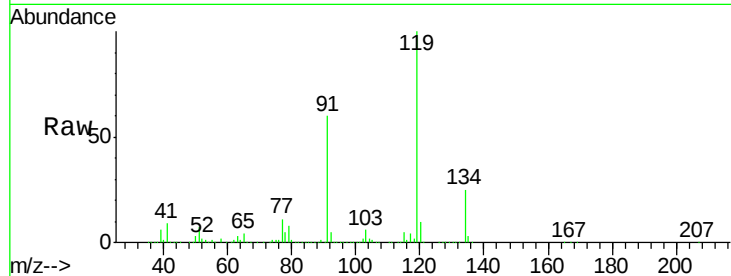
#83
tert-Butylbenzene
Concen: 47.470 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	638853		
91	60.2	30.0	90.1	
134	26.8	13.4	40.2	

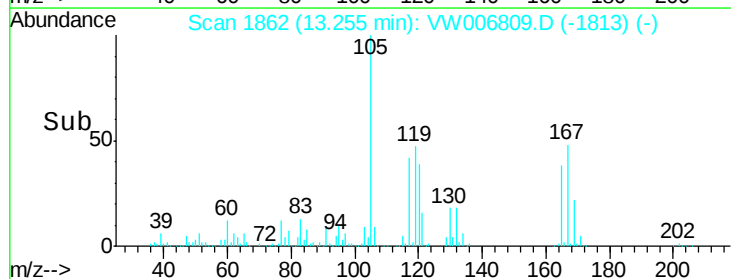
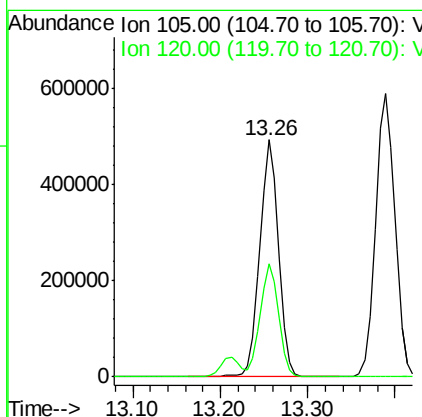
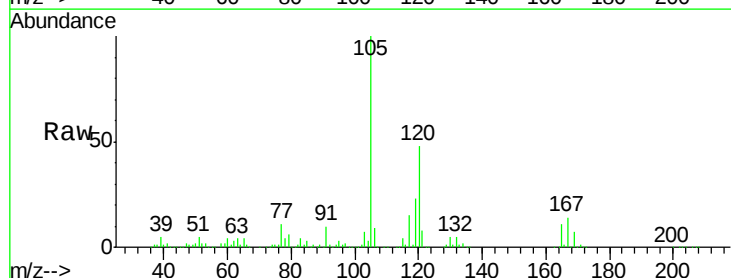
Manual Integrations
APPROVED

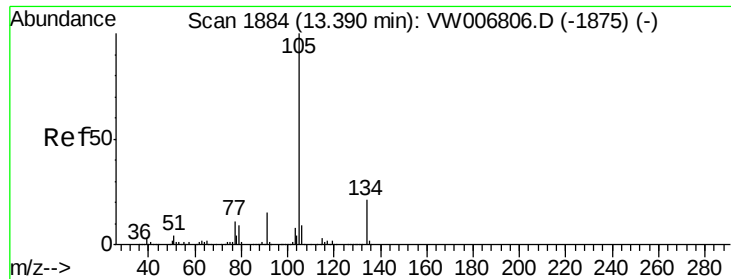
apatel
11/13/2018 11:53:50 AM



#84
1,2,4-Trimethylbenzene
Concen: 47.306 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	732972		
120	46.9	23.4	70.0	





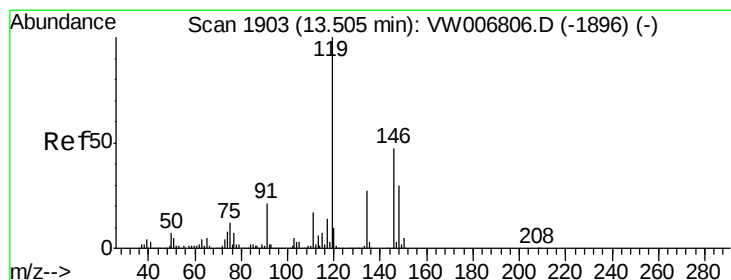
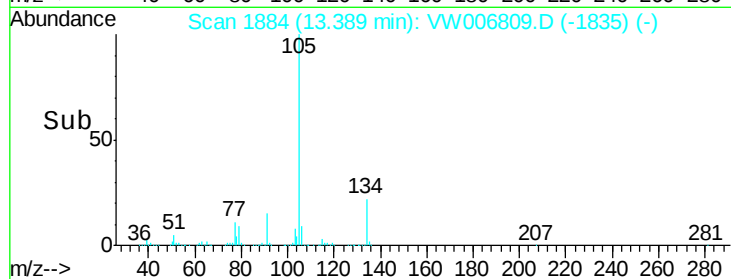
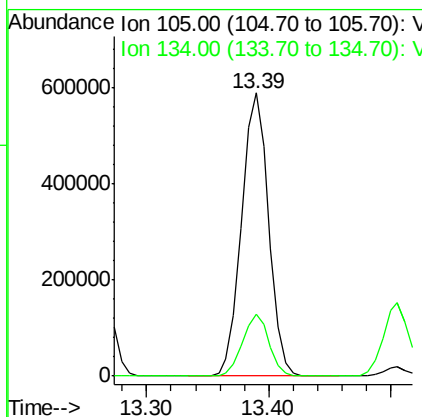
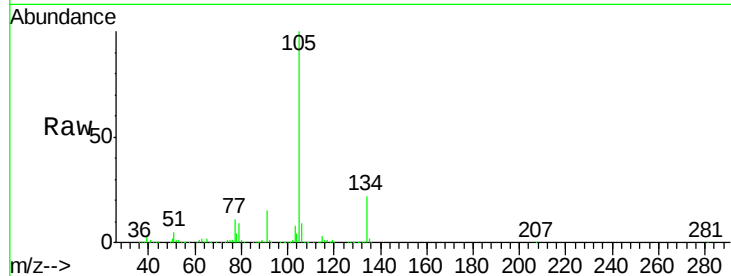
#85
 sec-Butylbenzene
 Concen: 47.235 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	31.9

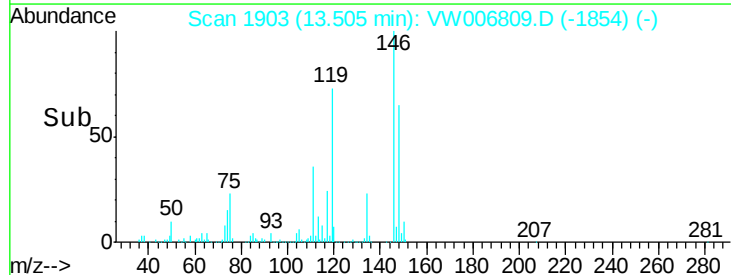
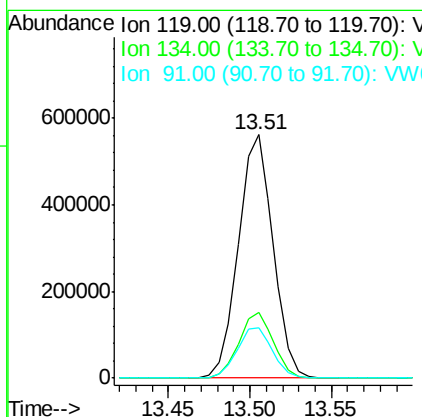
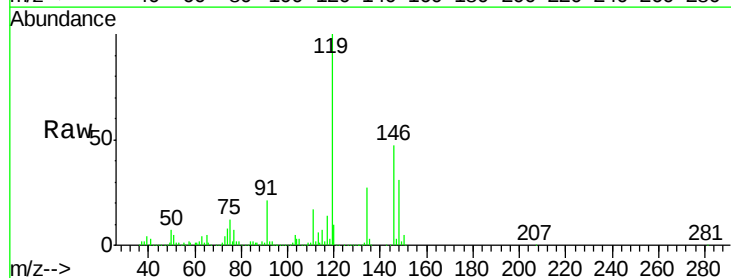
Manual Integrations
 APPROVED

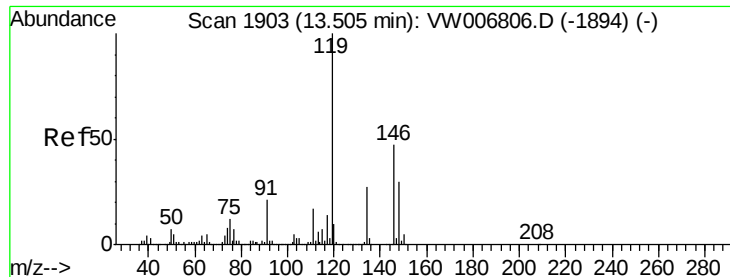
apatel
 11/13/2018 11:53:50 AM



#86
 p-Isopropyltoluene
 Concen: 47.804 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	21.3	10.8	32.4





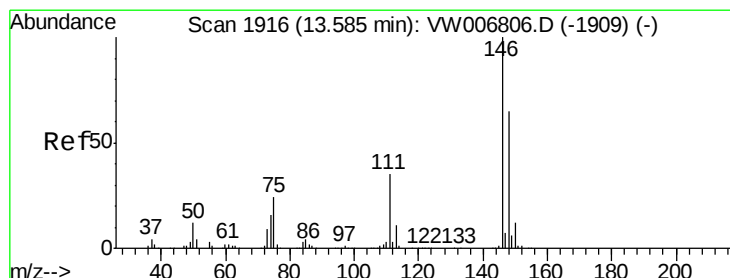
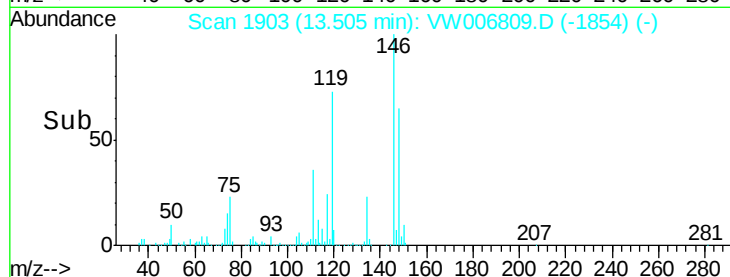
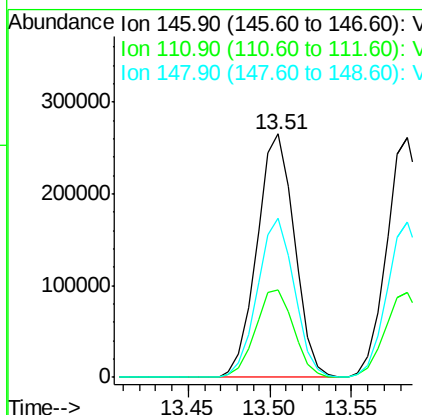
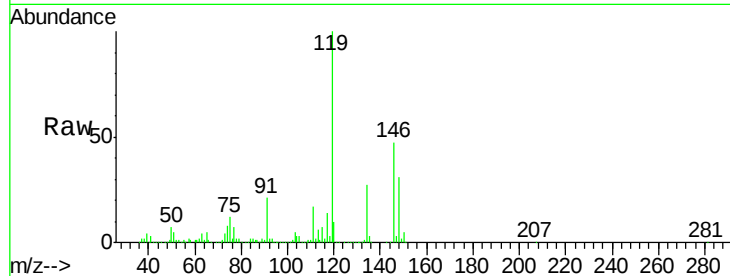
#87
 1,3-Dichlorobenzene
 Concen: 46.599 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.9
148	64.3	31.9	95.9

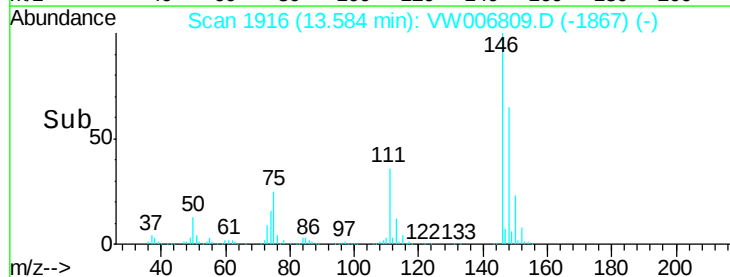
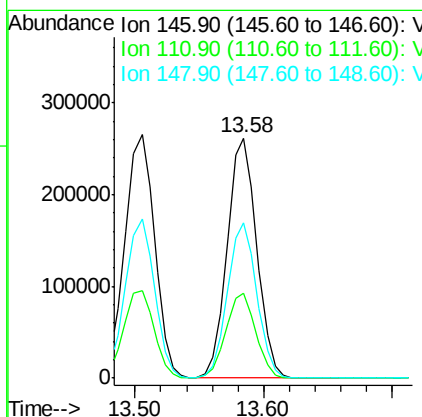
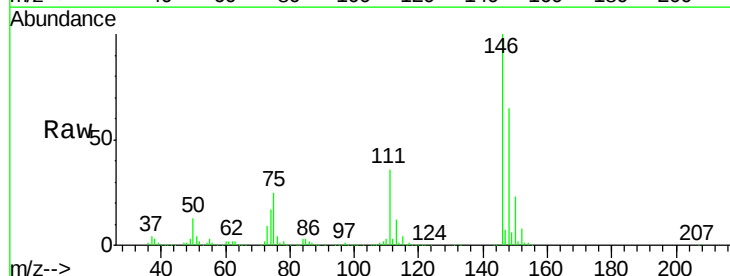
Manual Integrations
 APPROVED

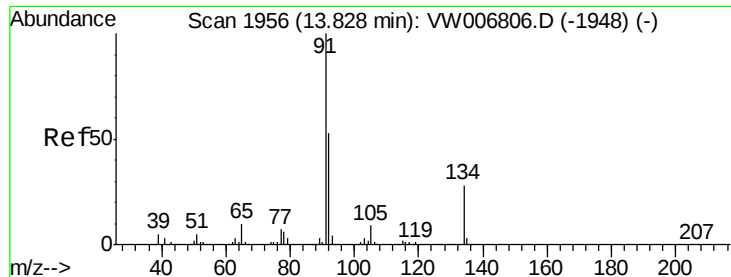
apatel
 11/13/2018 11:53:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.575 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.3
148	64.2	32.0	96.0





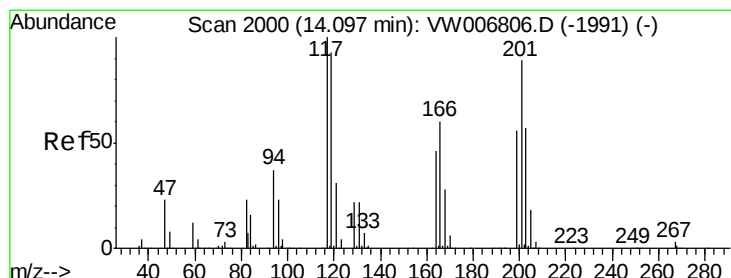
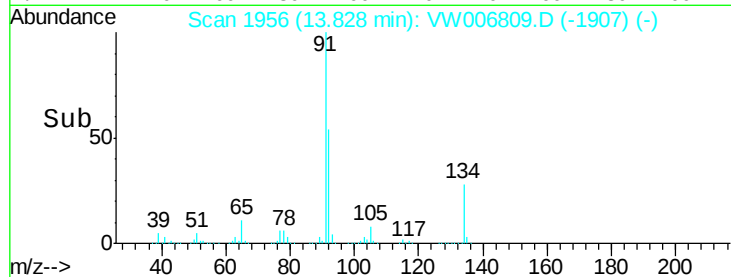
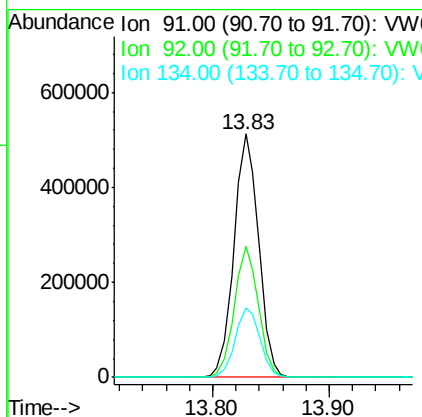
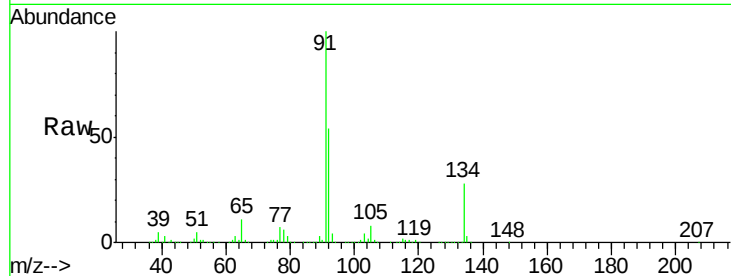
#89
n-Butylbenzene
Concen: 47.543 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.4
134	28.7	14.4	43.2

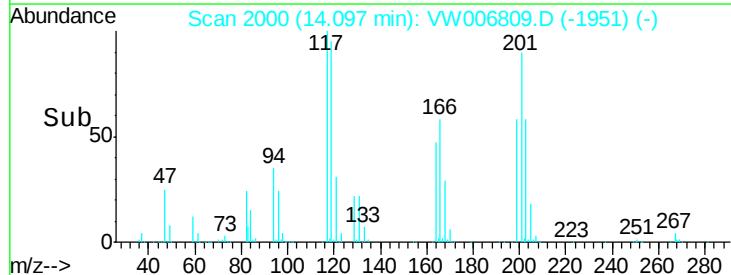
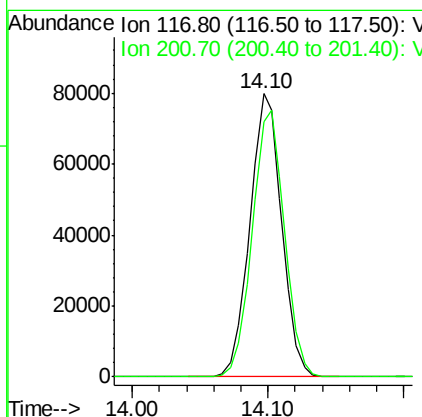
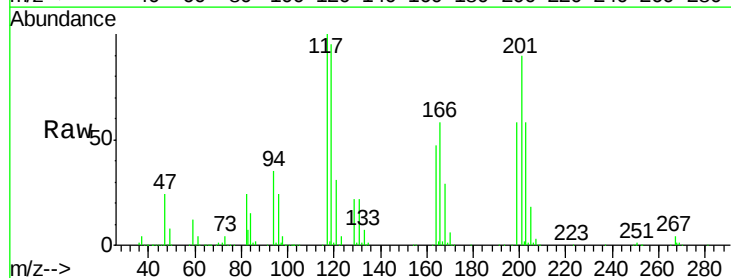
Manual Integrations
APPROVED

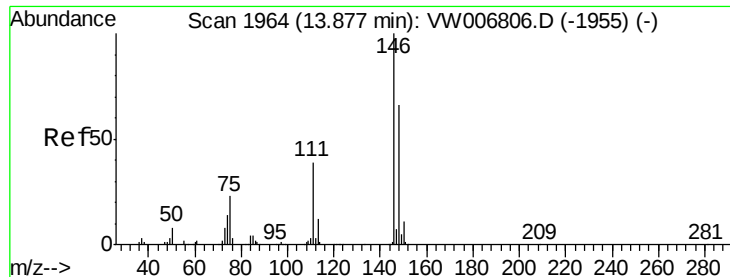
apatel
11/13/2018 11:53:50 AM



#90
Hexachloroethane
Concen: 47.059 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	46.9	140.6





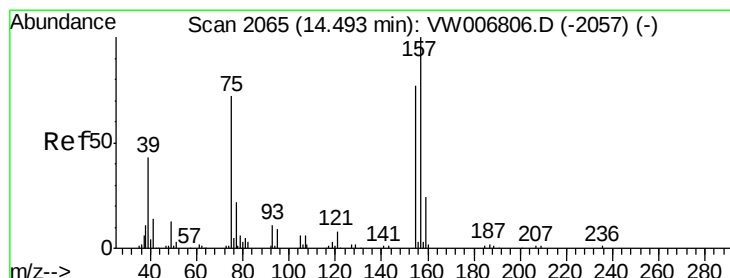
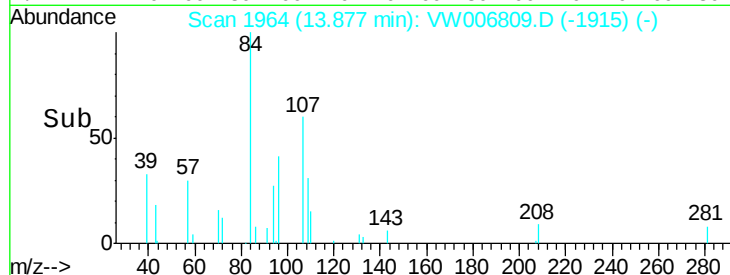
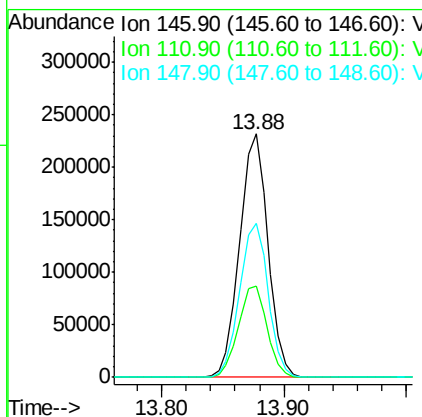
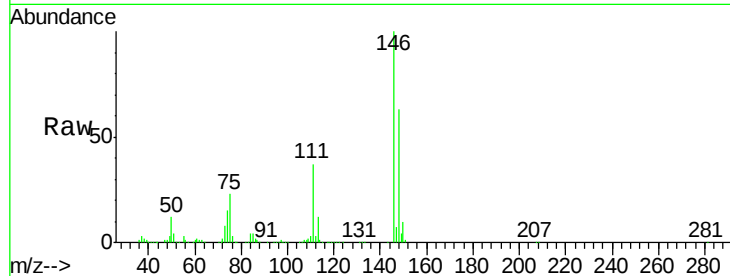
#91
 1,2-Dichlorobenzene
 Concen: 46.811 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370982		
111	37.8	19.3	57.8	
148	63.9	32.4	97.2	

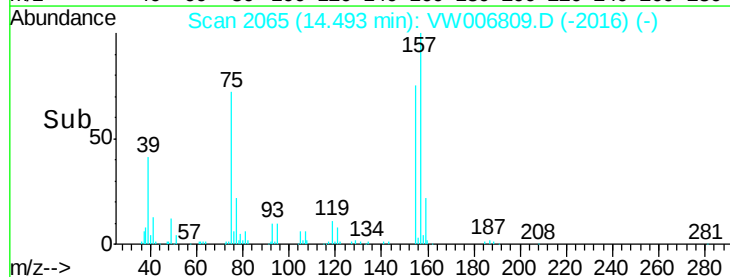
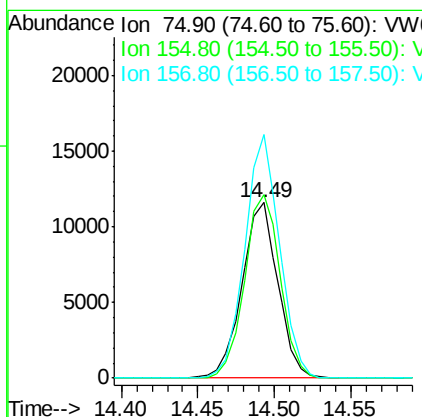
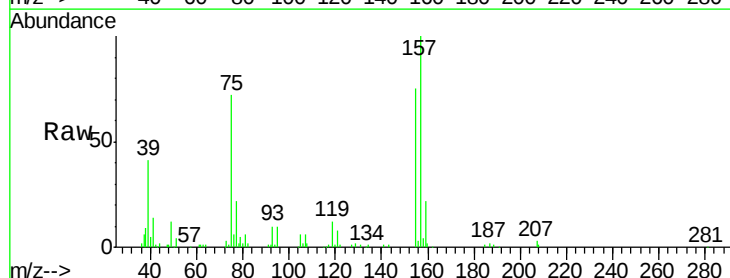
Manual Integrations
 APPROVED

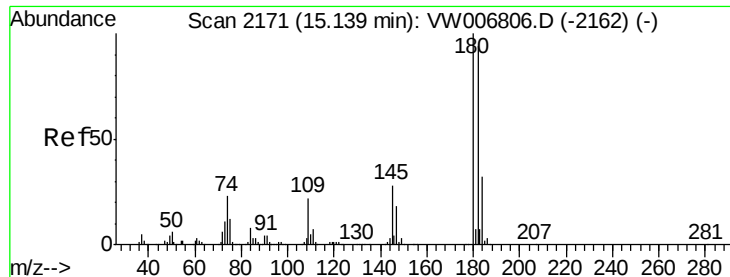
apatel
 11/13/2018 11:53:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.823 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18758		
155	104.4	51.0	153.1	
157	135.1	67.4	202.2	





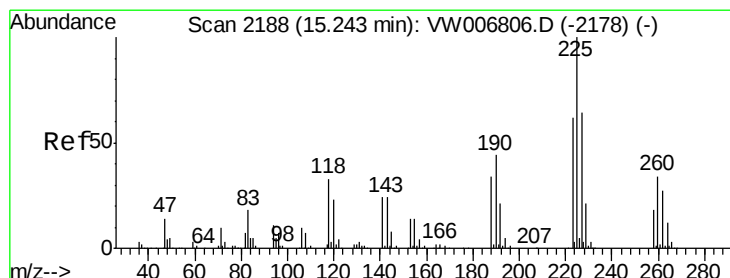
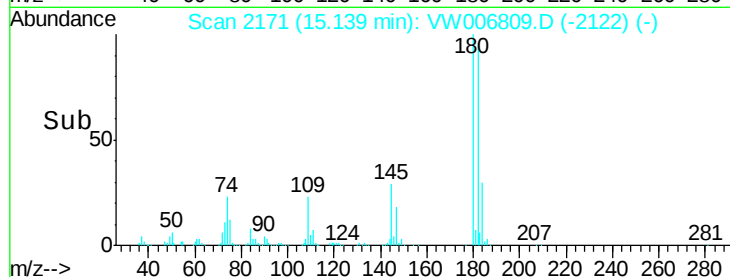
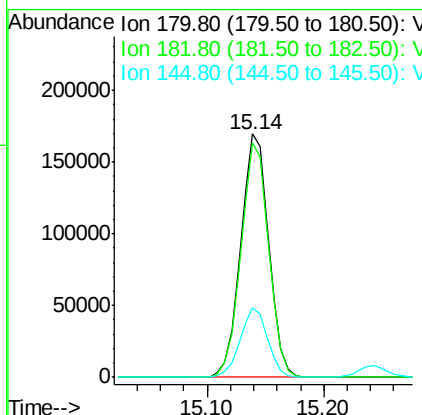
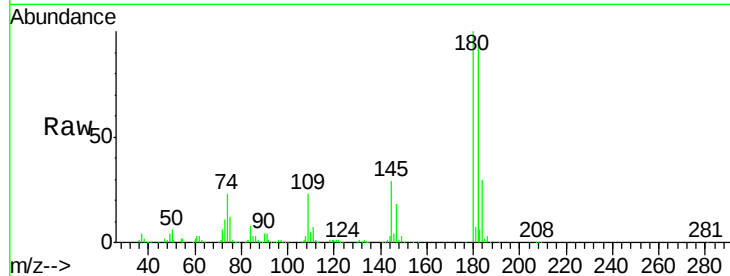
#93
 1,2,4-Trichlorobenzene
 Concen: 47.386 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	283531		
182	95.6	47.5	142.5	
145	28.2	14.0	41.9	

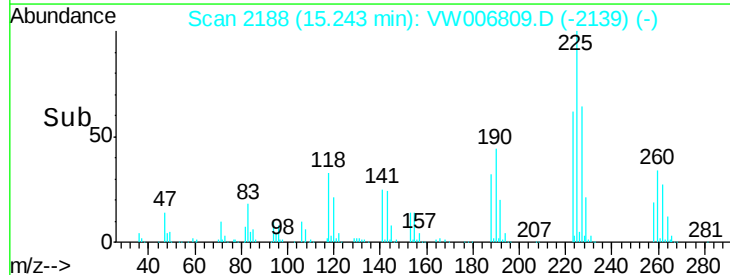
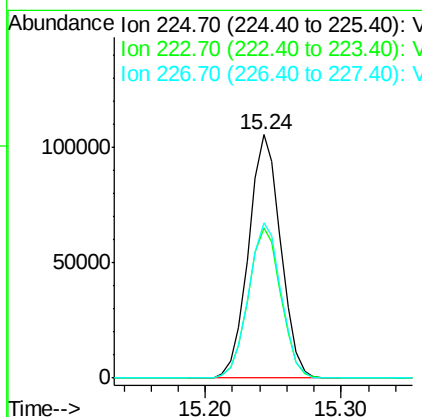
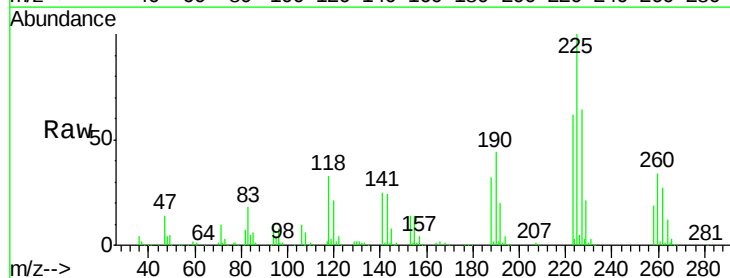
Manual Integrations
 APPROVED

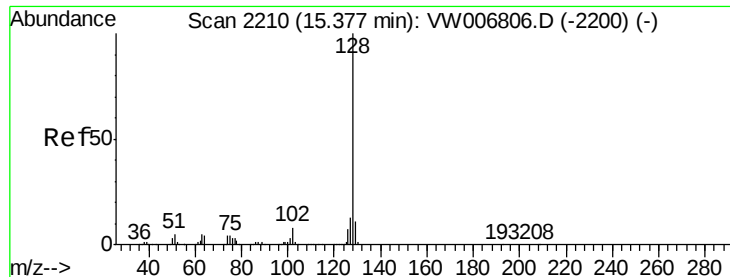
apatel
 11/13/2018 11:53:50 AM



#94
 Hexachlorobutadiene
 Concen: 46.109 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006809.D
 Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174818		
223	62.8	31.2	93.6	
227	64.9	32.3	96.9	





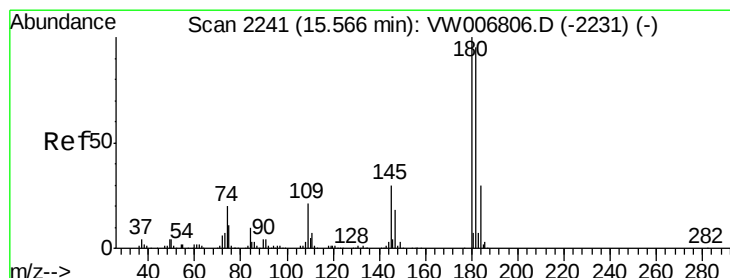
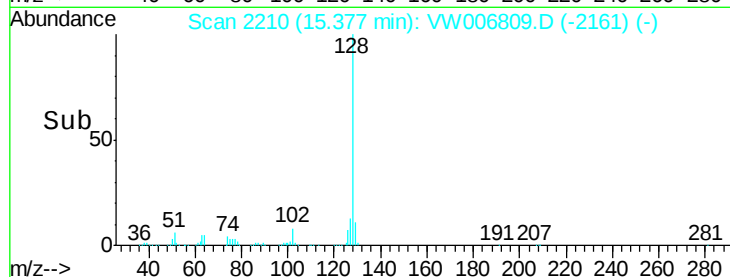
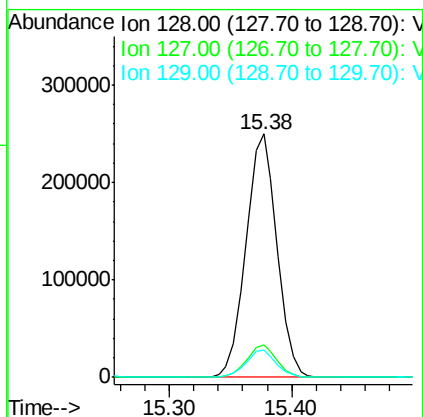
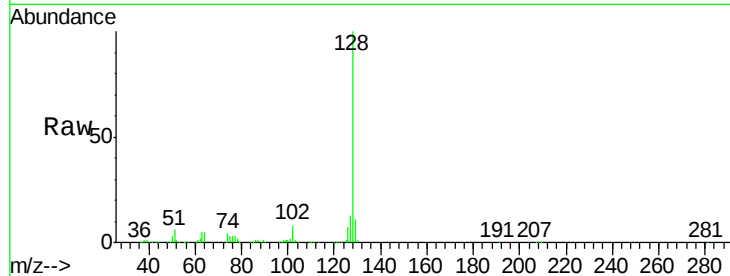
#95
Naphthalene
Concen: 49.039 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW111218

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	438840		
127	12.8	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.769 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006809.D
Acq: 12 Nov 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240150		
182	96.3	47.9	143.6	
145	30.1	15.2	45.5	

