

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006800.D
 Acq On : 09 Nov 2018 21:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:31 PM

Quant Time: Nov 12 05:50:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103960	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.89	113	111290	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.33	98	469971	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.62	95	179671	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	117027	48.634	ug/l	97
3) Chloromethane	2.21	50	147719	51.135	ug/l	99
4) Vinyl Chloride	2.35	62	155740	51.280	ug/l	99
5) Bromomethane	2.78	94	111160	53.474	ug/l	97
6) Chloroethane	2.92	64	99703	50.165	ug/l	99
7) Trichlorofluoromethane	3.26	101	188519	49.403	ug/l	97
8) Diethyl Ether	3.69	74	57915	52.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119028	46.945	ug/l	100
10) Methyl Iodide	4.28	142	196205	55.700	ug/l	100
11) Tert butyl alcohol	5.21	59	38173	267.391	ug/l	99
12) 1,1-Dichloroethene	4.04	96	107602	50.894	ug/l	99
13) Acrolein	3.90	56	35884	241.346	ug/l	100
14) Allyl chloride	4.68	41	146361	51.354	ug/l	99
15) Acrylonitrile	5.38	53	121998	274.558	ug/l	99
16) Acetone	4.15	43	82729	263.489	ug/l	99
17) Carbon Disulfide	4.39	76	368856	52.889	ug/l	100
18) Methyl Acetate	4.68	43	54070	49.074	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	280229	54.115	ug/l	98
20) Methylene Chloride	4.93	84	138441	54.346	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	127435	50.391	ug/l	98
22) Diisopropyl ether	6.32	45	324311	53.995	ug/l	98
23) Vinyl Acetate	6.26	43	938954	274.101	ug/l	100
24) 1,1-Dichloroethane	6.23	63	202400	51.513	ug/l	98
25) 2-Butanone	7.18	43	142083	274.076	ug/l	100
26) 2,2-Dichloropropane	7.18	77	177138	47.318	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	141104	52.073	ug/l	99
28) Bromochloromethane	7.52	49	73916	50.226	ug/l	99
29) Tetrahydrofuran	7.54	42	92694	272.808	ug/l	99
30) Chloroform	7.68	83	221490	50.875	ug/l	98
31) Cyclohexane	7.96	56	190653	47.115	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	204061	49.387	ug/l	100
36) 1,1-Dichloropropene	8.09	75	179697	49.481	ug/l	100
37) Ethyl Acetate	7.26	43	66425	51.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	186191	47.986	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006800.D
 Acq On : 09 Nov 2018 21:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:31 PM

Quant Time: Nov 12 05:50:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232732	50.333	ug/l	98
40) Benzene	8.33	78	524221	51.119	ug/l	99
41) Methacrylonitrile	7.49	41	36135	48.294	ug/l	99
42) 1,2-Dichloroethane	8.40	62	141984	50.865	ug/l	99
43) Isopropyl Acetate	8.43	43	128871	53.302	ug/l	100
44) Trichloroethene	9.09	130	157306	49.891	ug/l	96
45) 1,2-Dichloropropane	9.37	63	123704	51.362	ug/l	98
46) Dibromomethane	9.46	93	69174	51.157	ug/l	98
47) Bromodichloromethane	9.65	83	167820	51.146	ug/l	98
48) Methyl methacrylate	9.44	41	61712	54.197	ug/l	99
49) 1,4-Dioxane	9.48	88	22841	1128.298	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	337679	271.849	ug/l	99
52) Toluene	10.39	92	378840	52.545	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	168900	53.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	196802	52.171	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104006	52.212	ug/l	99
56) Ethyl methacrylate	10.65	69	125639	57.116	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166847	52.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	284305	259.526	ug/l	100
59) 2-Hexanone	10.97	43	238043	282.772	ug/l	99
60) Dibromochloromethane	11.13	129	126070	52.651	ug/l	98
61) 1,2-Dibromoethane	11.24	107	100529	52.454	ug/l	100
64) Tetrachloroethene	10.87	164	156831	51.405	ug/l	98
65) Chlorobenzene	11.66	112	442924	52.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	141204	51.833	ug/l	100
67) Ethyl Benzene	11.74	91	758423	53.014	ug/l	99
68) m/p-Xylenes	11.84	106	618454	105.985	ug/l	99
69) o-Xylene	12.17	106	292600	54.466	ug/l	100
70) Styrene	12.18	104	484273	55.460	ug/l	99
71) Bromoform	12.35	173	79405	52.619	ug/l #	99
73) Isopropylbenzene	12.47	105	788788	53.412	ug/l	99
74) N-amyl acetate	12.27	43	133152	55.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	117388	53.354	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71622m	42.789	ug/l	
77) Bromobenzene	12.75	156	202437	53.014	ug/l	99
78) n-propylbenzene	12.81	91	927949	52.882	ug/l	100
79) 2-Chlorotoluene	12.90	91	524011	53.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	681930	53.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33233	52.789	ug/l	97
82) 4-Chlorotoluene	12.99	91	557529	52.772	ug/l	100
83) tert-Butylbenzene	13.21	119	590213	53.382	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	704656	53.750	ug/l	100
85) sec-Butylbenzene	13.39	105	837319	52.914	ug/l	100
86) p-Isopropyltoluene	13.51	119	776998	53.831	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	406184	52.358	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	400573	51.843	ug/l	99
89) n-Butylbenzene	13.83	91	701273	52.641	ug/l	99
90) Hexachloroethane	14.10	117	122296	54.007	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361517	53.269	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18878	53.137	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
Data File : VW006800.D
Acq On : 09 Nov 2018 21:57
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM

Quant Time: Nov 12 05:50:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	274108	54.559	ug/l	100
94) Hexachlorobutadiene	15.24	225	161288	51.011	ug/l	99
95) Naphthalene	15.38	128	448183	58.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	237466	54.641	ug/l	100

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

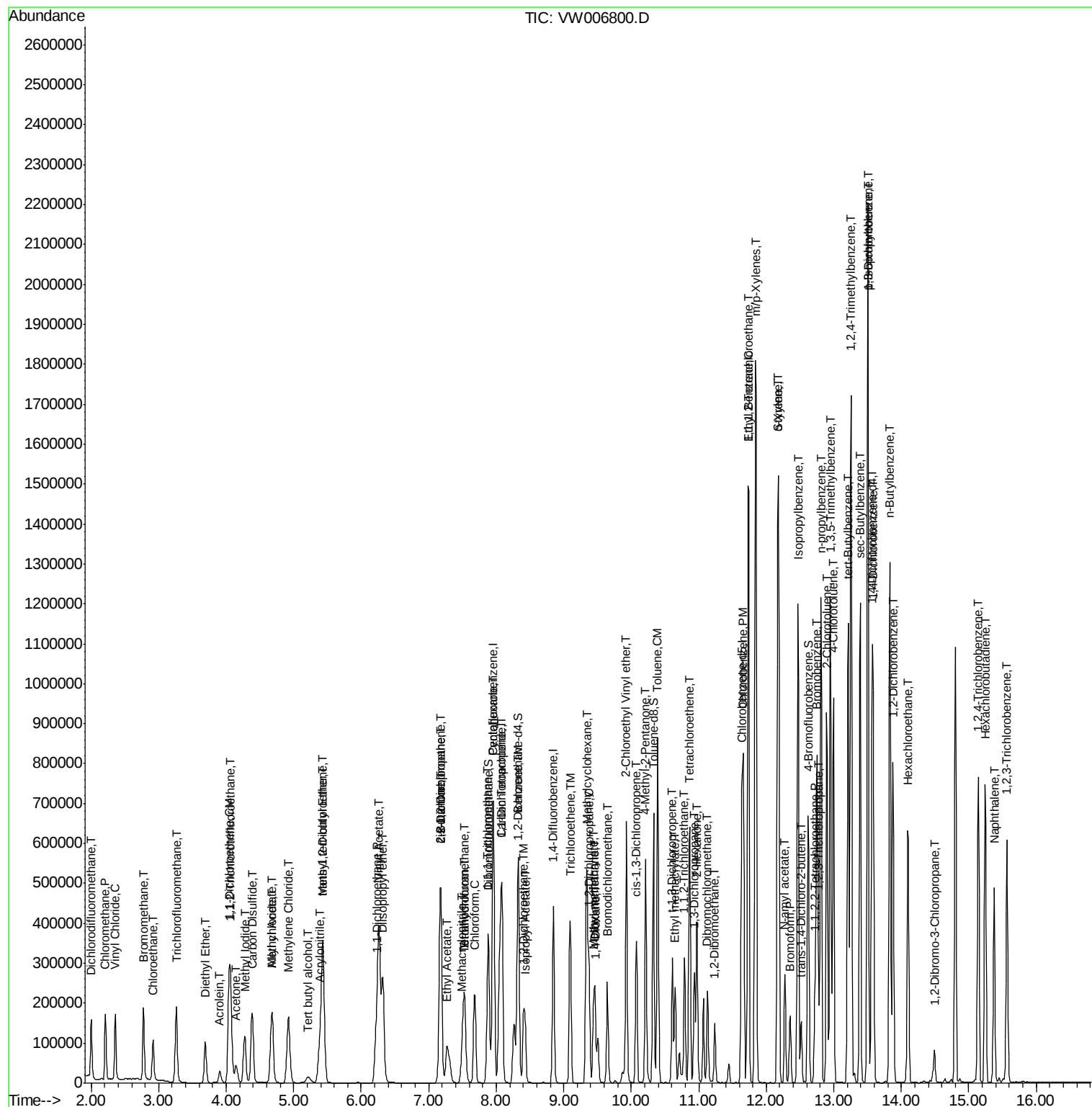
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\
Data File : VW006800.D
Acq On : 09 Nov 2018 21:57
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

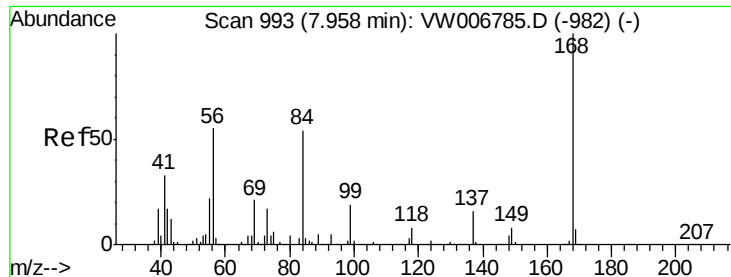
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM

Quant Time: Nov 12 05:50:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 295959

Ion Ratio Lower Upper

168 100

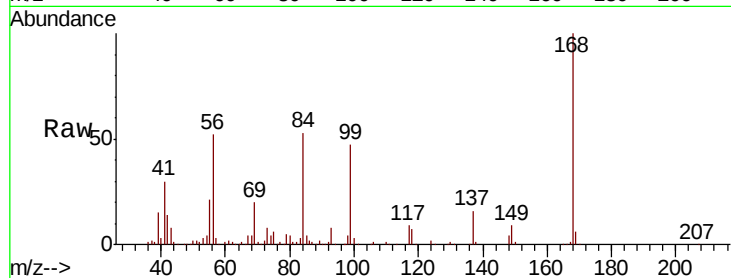
99 47.4 36.8 55.2

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

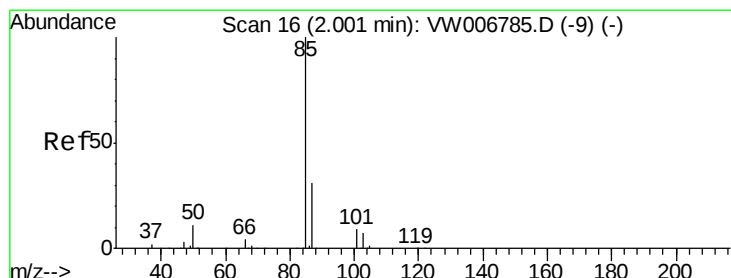
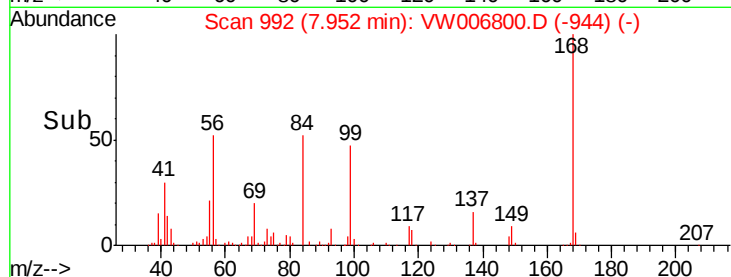
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.634 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006800.D

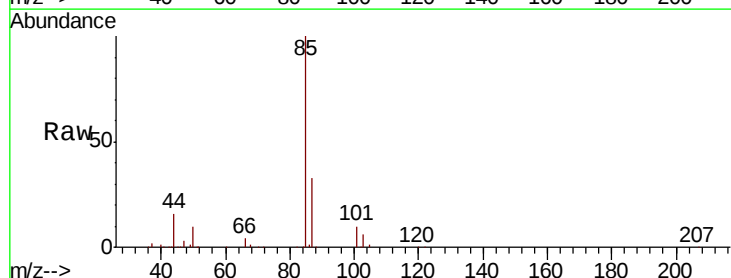
Acq: 09 Nov 2018 21:57

Tgt Ion: 85 Resp: 117027

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

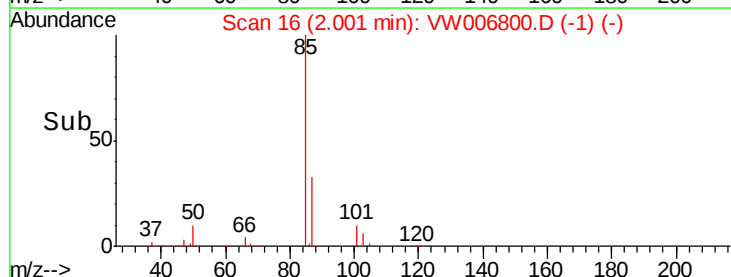
40000

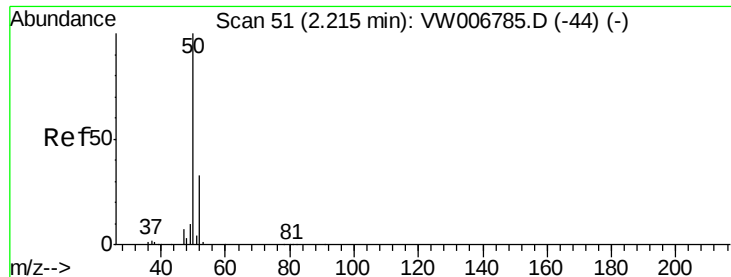
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 51.135 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 147719

Ion Ratio Lower Upper

50 100

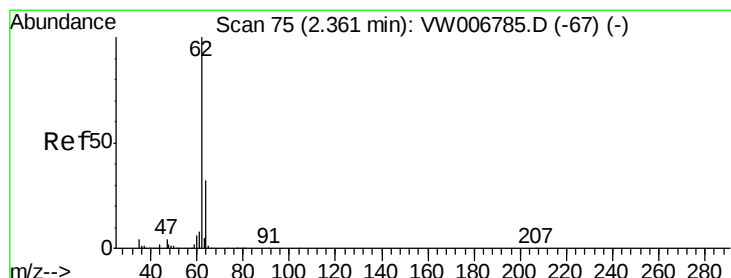
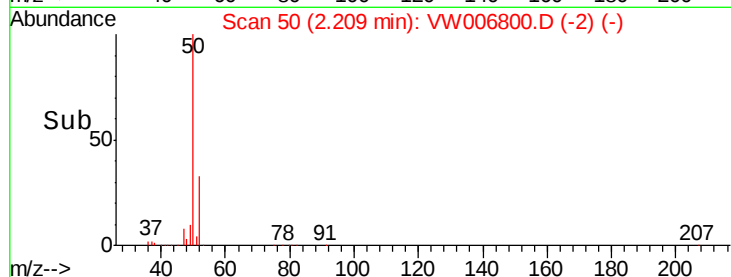
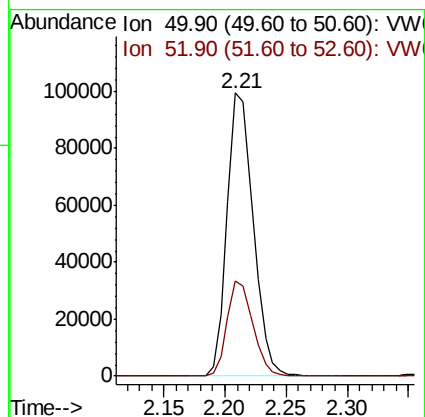
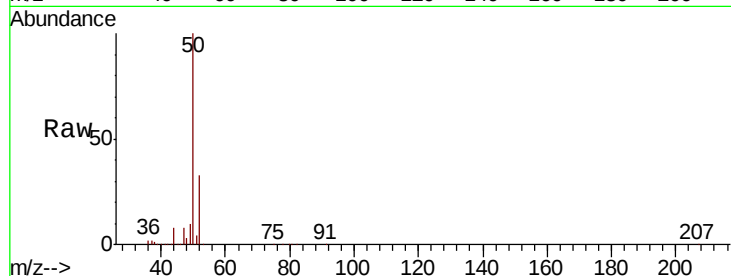
52 33.5 26.2 39.4

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#4

Vinyl Chloride

Concen: 51.280 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006800.D

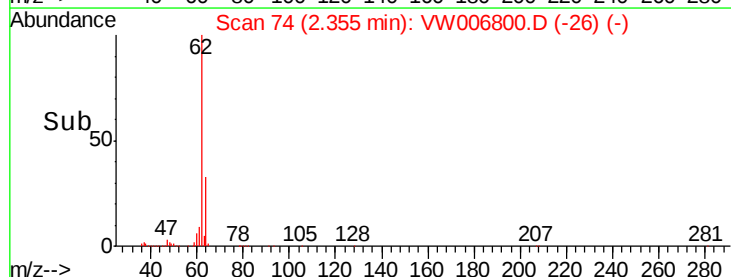
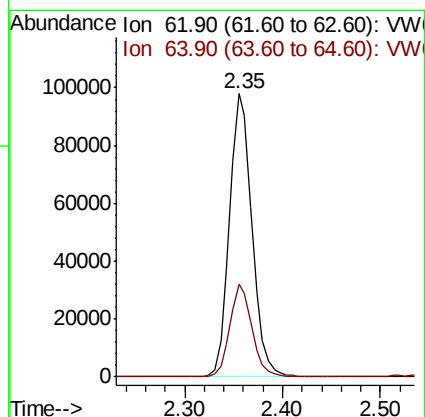
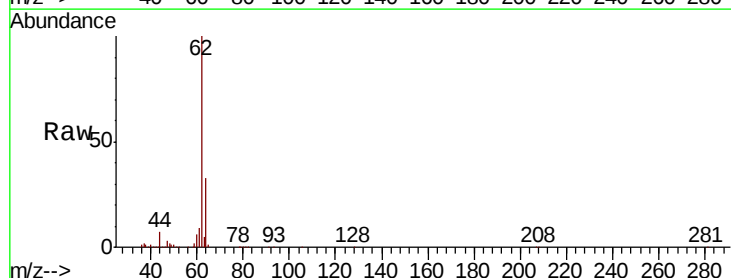
Acq: 09 Nov 2018 21:57

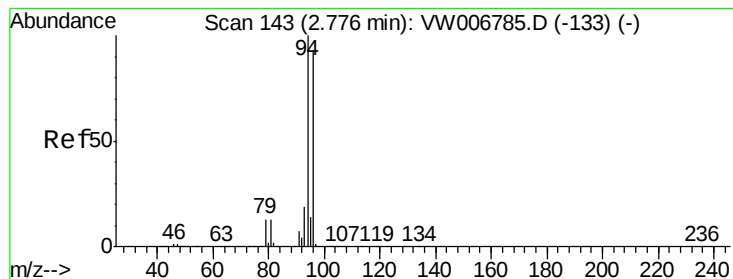
Tgt Ion: 62 Resp: 155740

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.6





#5

Bromomethane

Concen: 53.474 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 111160

Ion Ratio Lower Upper

94 100

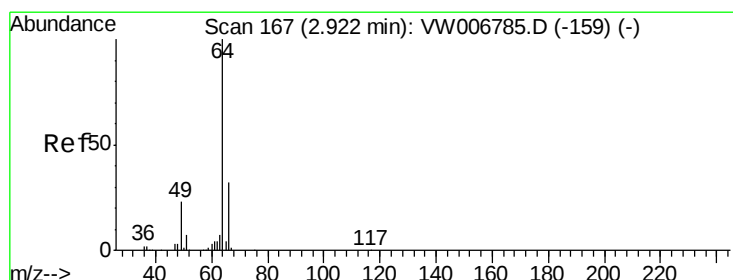
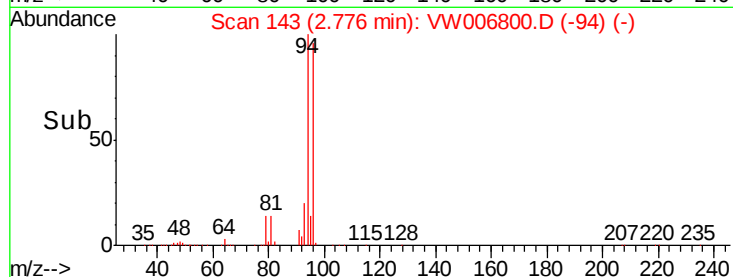
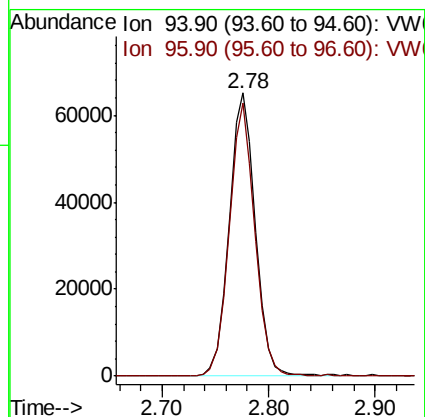
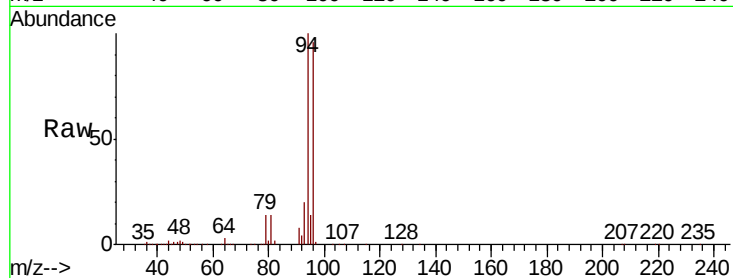
96 96.2 74.5 111.7

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#6

Chloroethane

Concen: 50.165 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006800.D

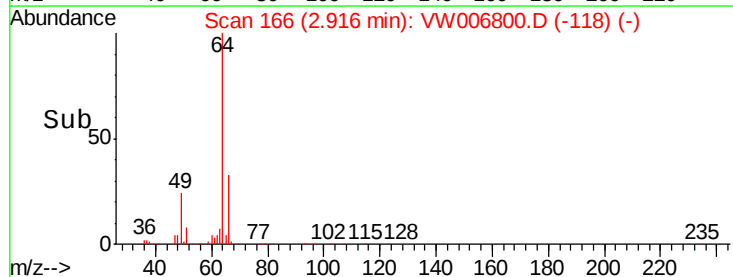
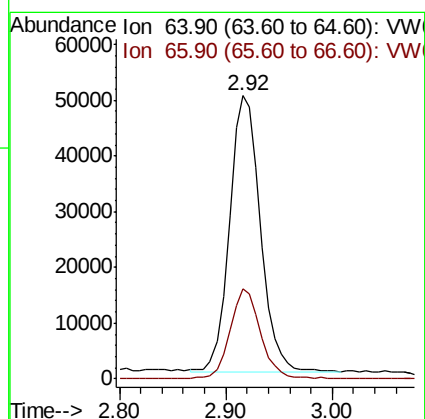
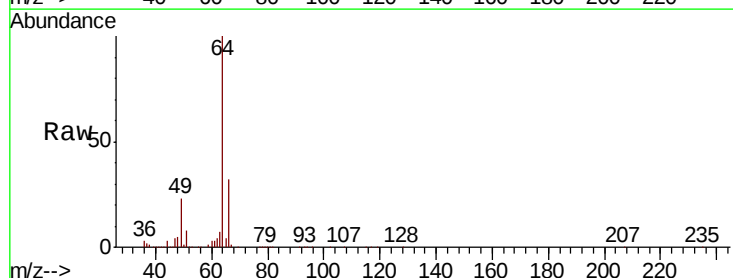
Acq: 09 Nov 2018 21:57

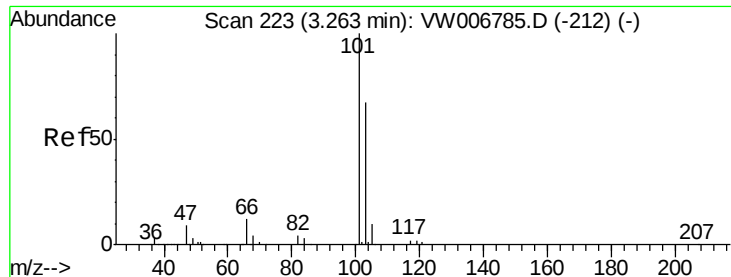
Tgt Ion: 64 Resp: 99703

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2





#7

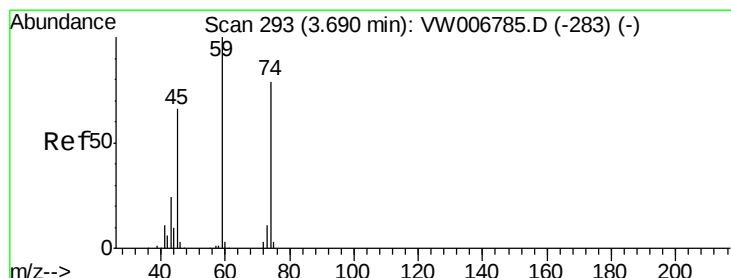
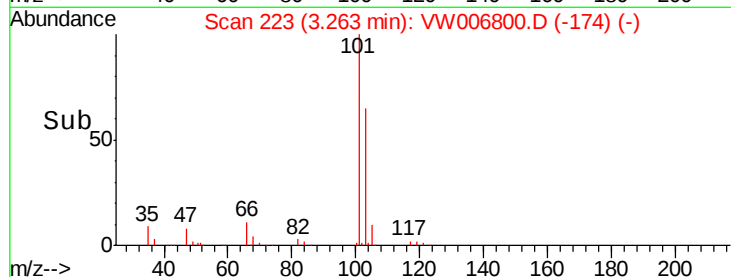
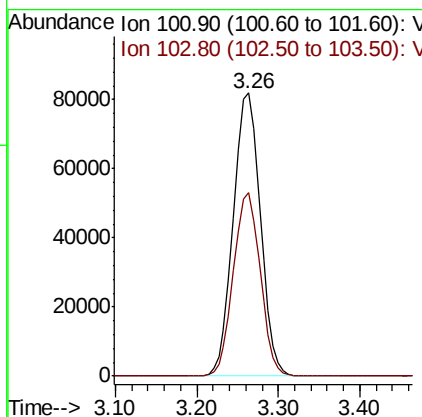
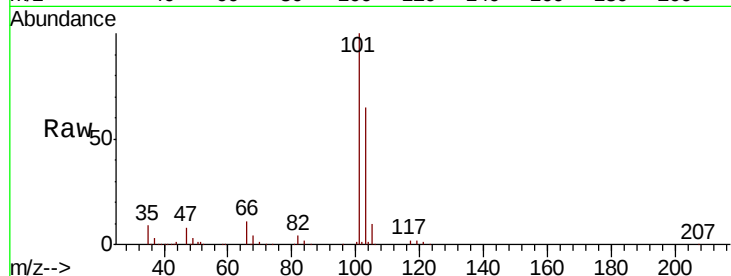
Trichlorofluoromethane
 Concen: 49.403 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.4	80.0

Manual Integrations
 APPROVED

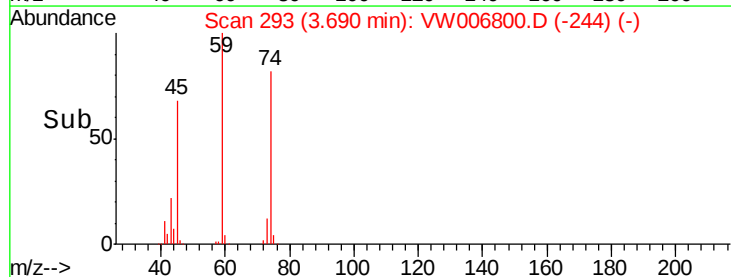
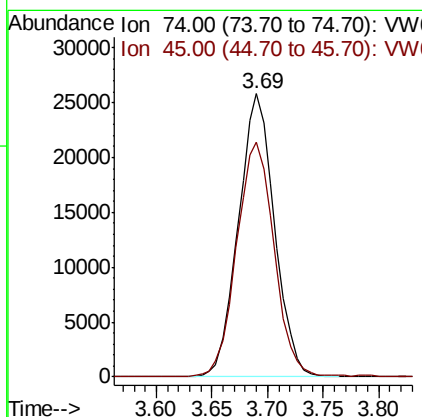
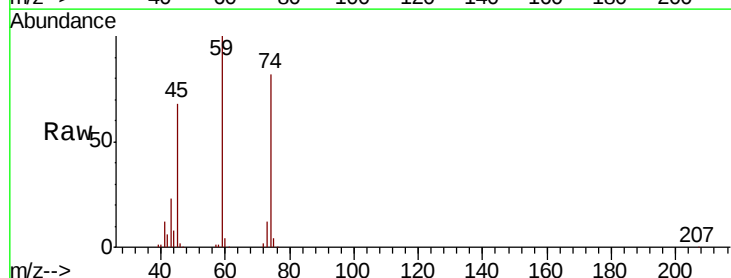
apatel
 11/12/2018 3:41:31 PM

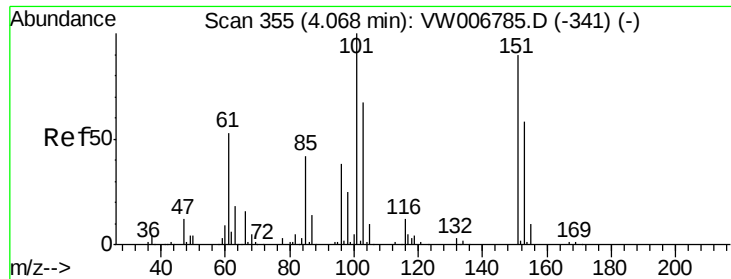


#8

Diethyl Ether
 Concen: 52.171 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	44.0	132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.945 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

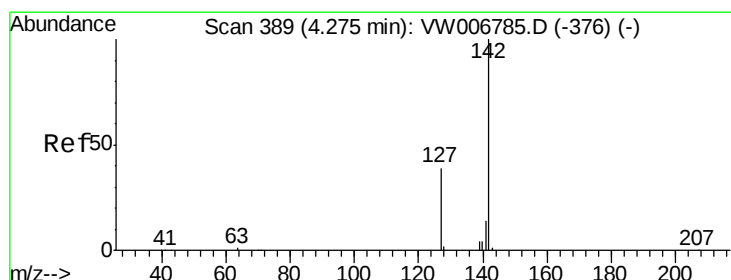
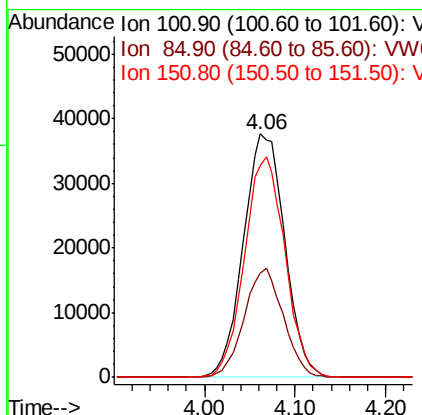
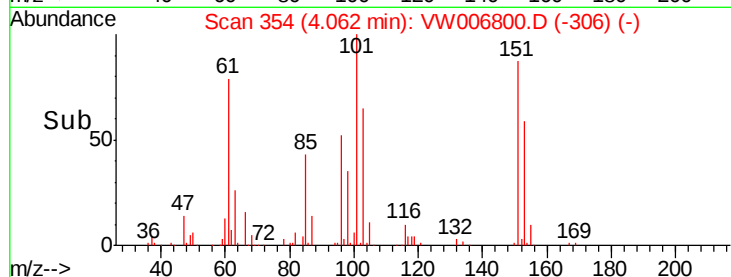
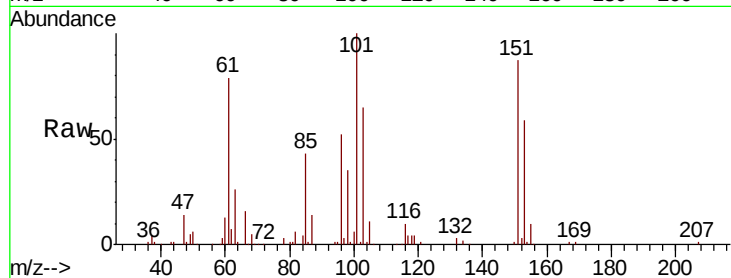
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119028
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.0	51.0
151	88.4	70.7	106.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#10

Methyl Iodide

Concen: 55.700 ug/l

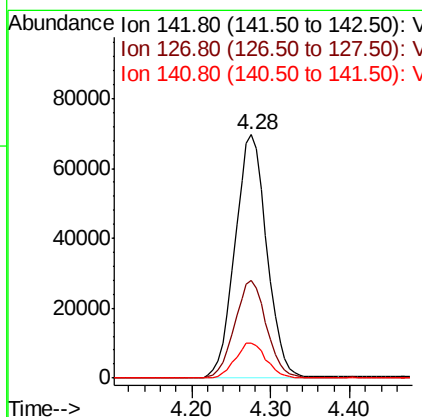
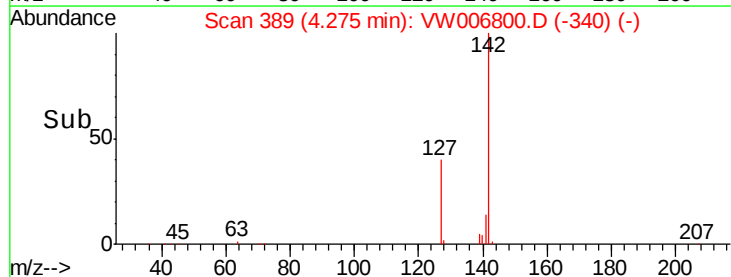
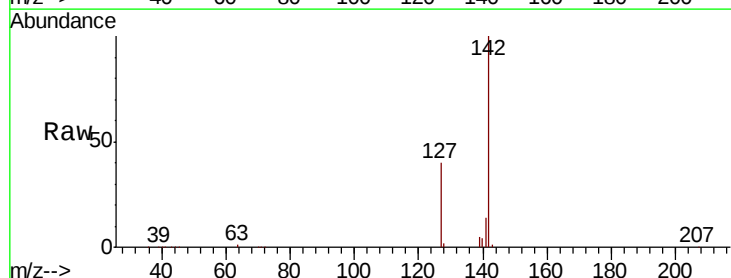
RT: 4.28 min Scan# 389

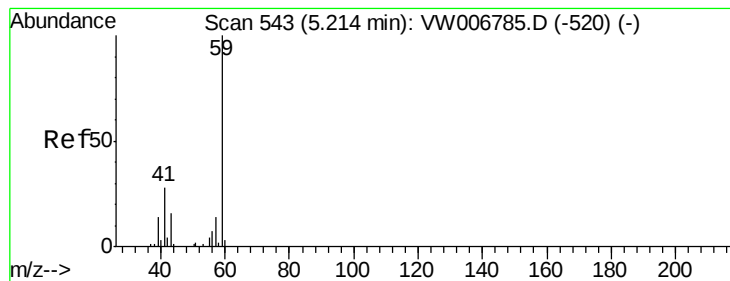
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	142	Resp:	196205
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.3	48.5
141	14.2	11.4	17.0





#11

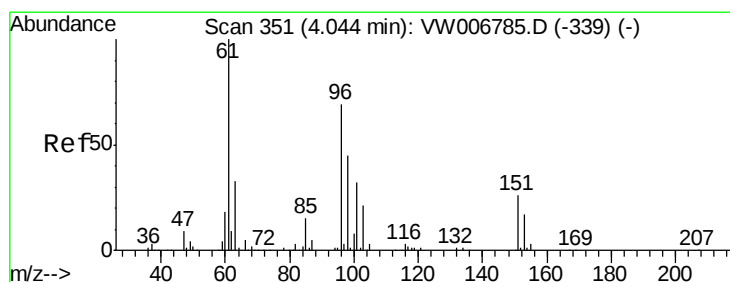
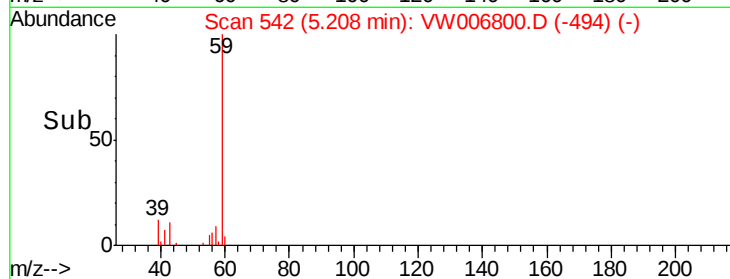
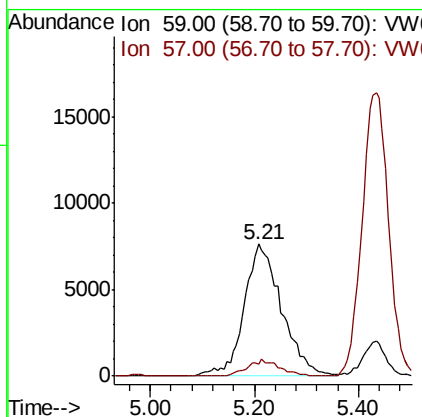
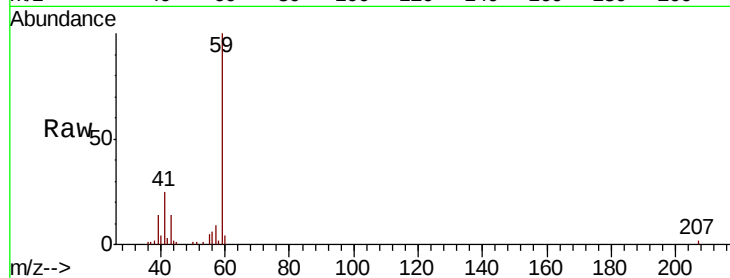
Tert butyl alcohol
Concen: 267.391 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.5	Resp	38173	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.5	Resp	38173	Lower	8.7	Upper	13.1

Manual Integrations
APPROVED

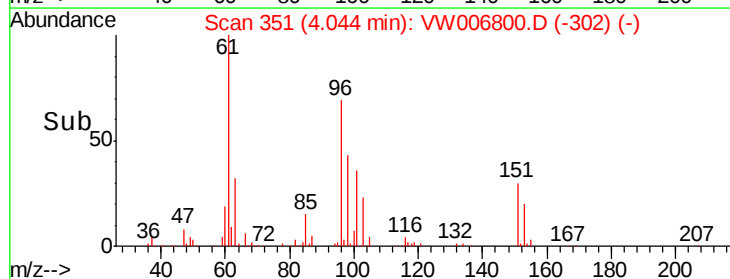
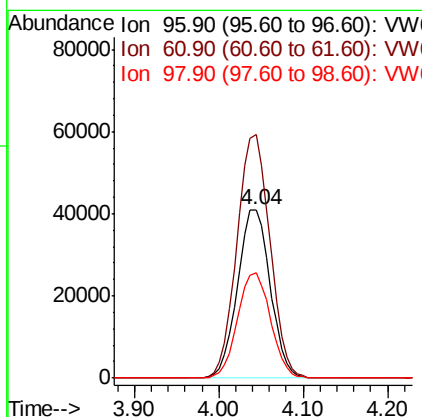
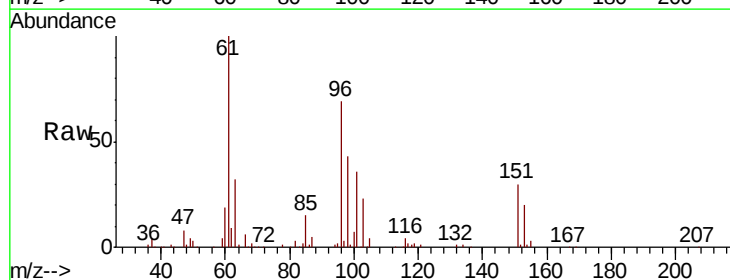
apatel
11/12/2018 3:41:31 PM

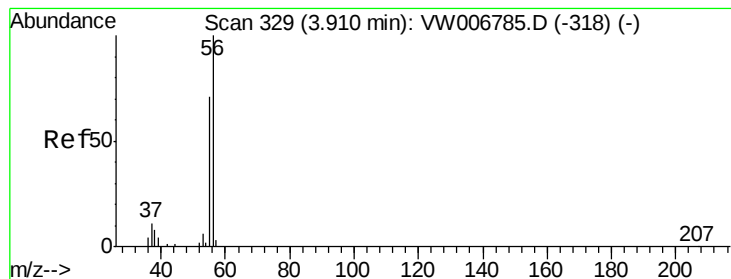


#12

1,1-Dichloroethene
Concen: 50.894 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	96	61	98	Ratio	100	144.7	62.8	Resp	107602	Lower	116.0	52.0	Upper	174.0	78.0
Ion	96	61	98	Ratio	100	144.7	62.8	Resp	107602	Lower	116.0	52.0	Upper	174.0	78.0





#13

Acrolein

Concen: 241.346 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 35884

Ion Ratio Lower Upper

56 100

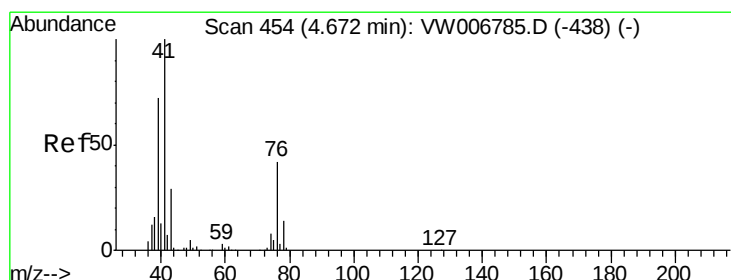
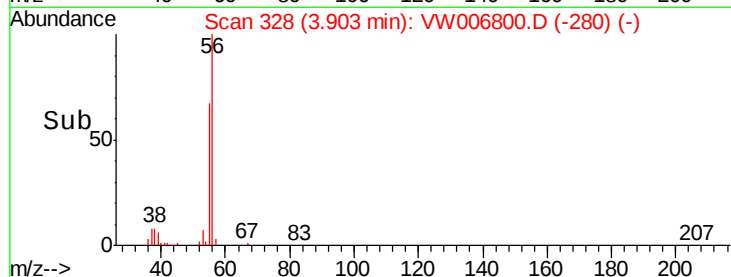
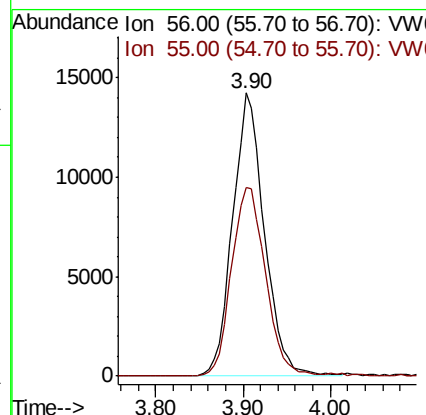
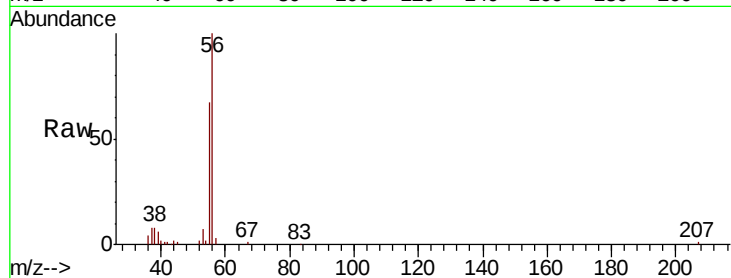
55 71.4 56.9 85.3

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#14

Allyl chloride

Concen: 51.354 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

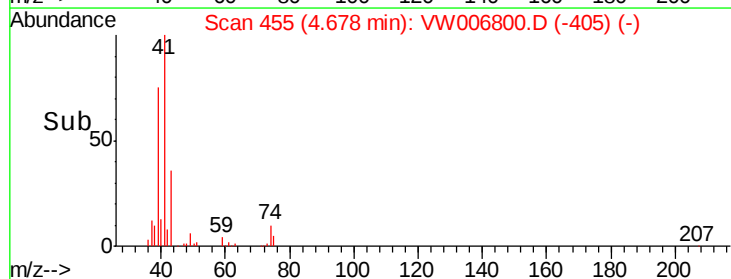
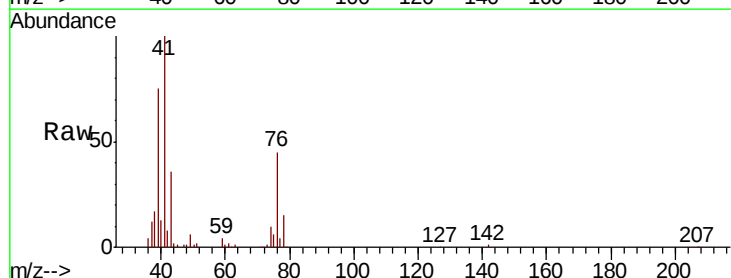
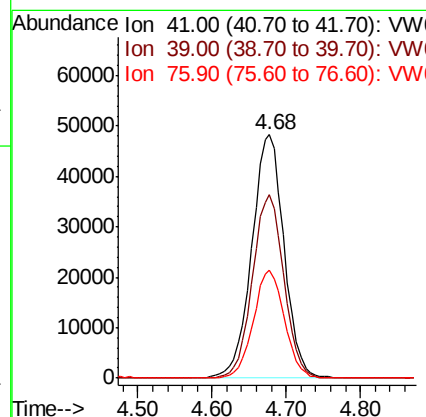
Tgt Ion: 41 Resp: 146361

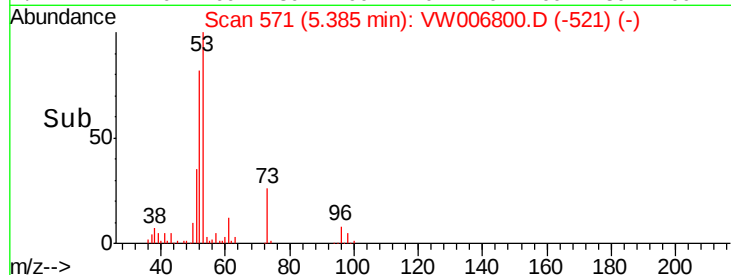
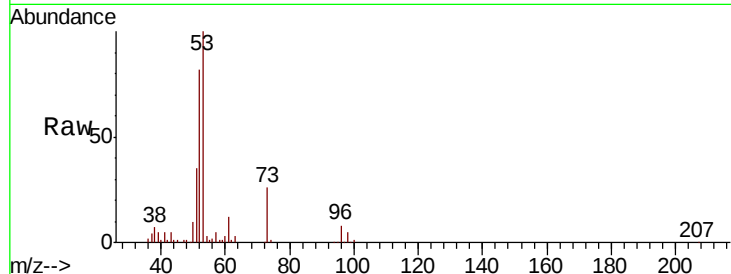
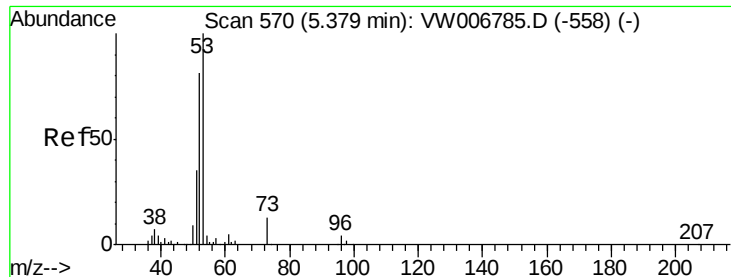
Ion Ratio Lower Upper

41 100

39 73.7 60.0 90.0

76 42.8 34.2 51.4





#15

Acrylonitrile

Concen: 274.558 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006800.D

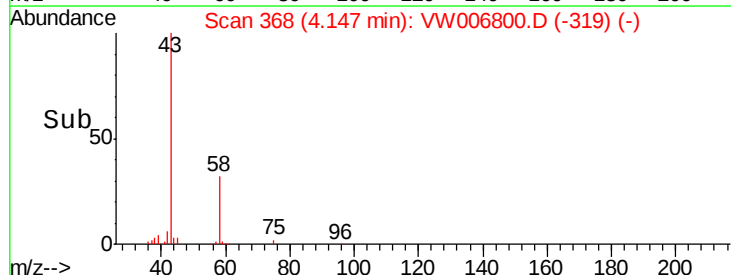
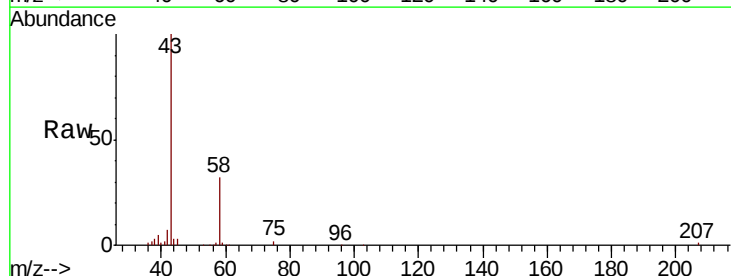
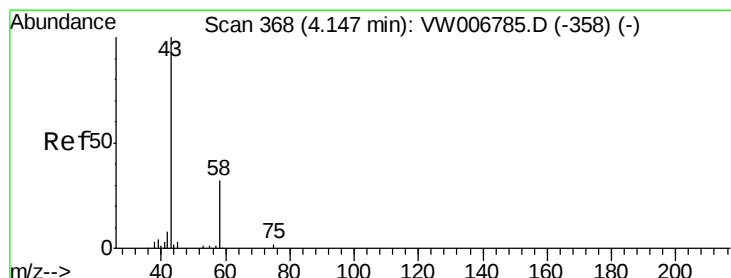
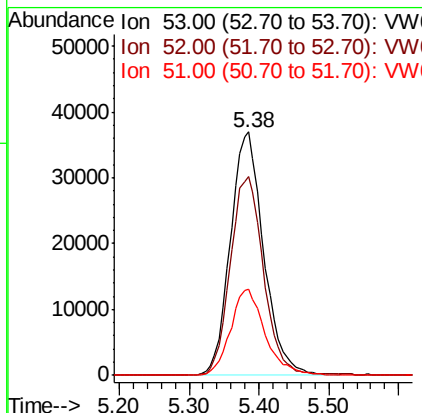
Acq: 09 Nov 2018 21:57

Tot Ion:	53	Resp:	121998
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.2	97.8
51	36.9	30.2	45.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#16

Acetone

Concen: 263.489 ug/l

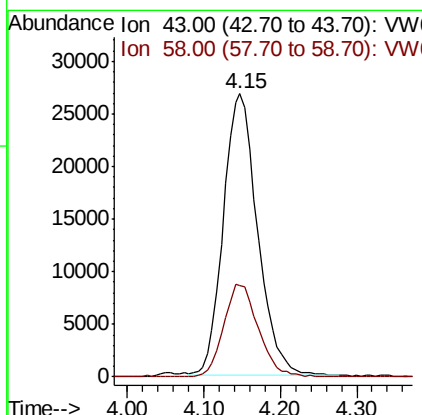
RT: 4.15 min Scan# 368

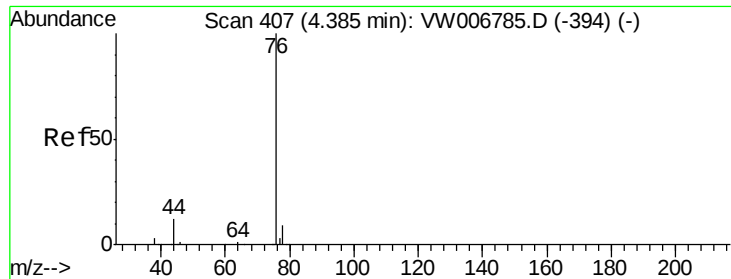
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	43	Resp:	82729
Ion Ratio	Lower	Upper	
43	100		
58	32.3	25.4	38.0





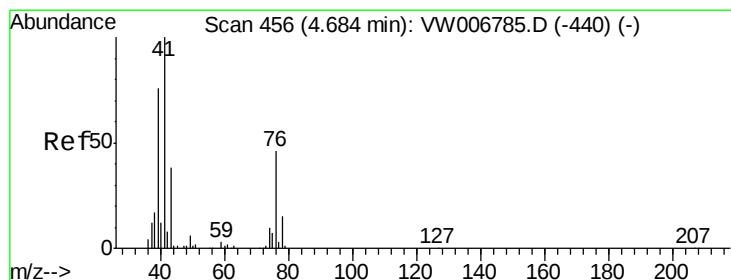
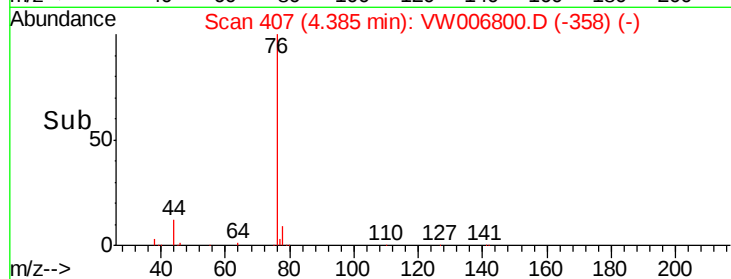
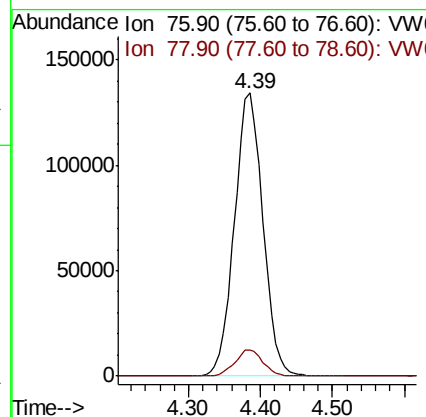
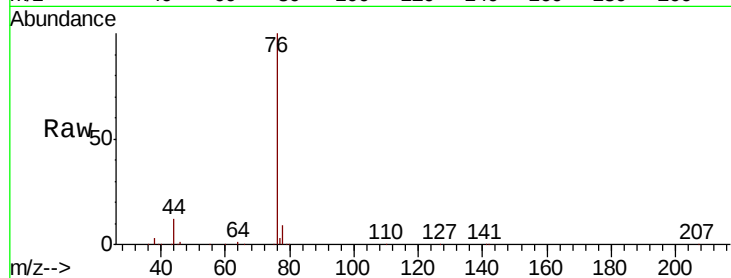
#17
Carbon Disulfide
Concen: 52.889 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

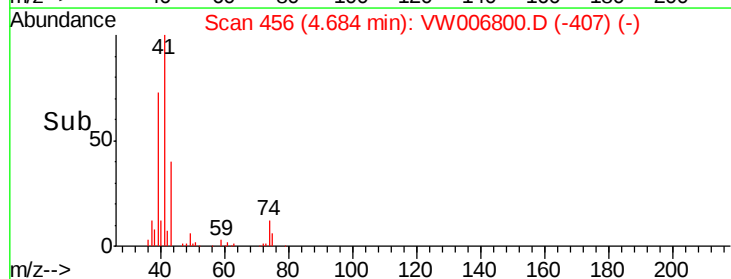
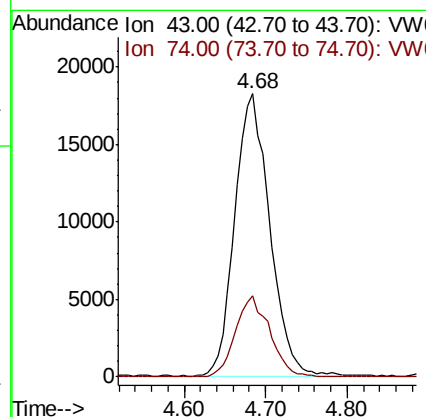
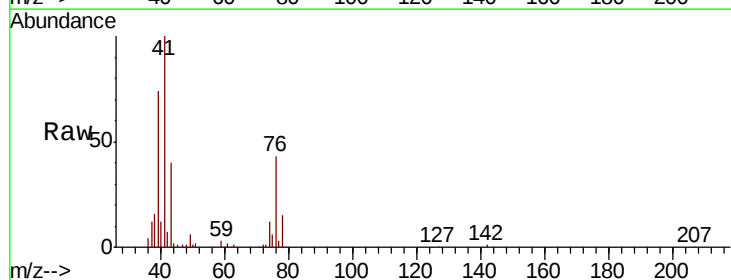
Manual Integrations
APPROVED

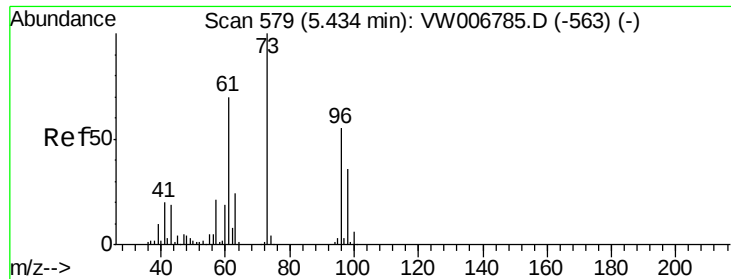
apatel
11/12/2018 3:41:31 PM



#18
Methyl Acetate
Concen: 49.074 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	21.8	32.8





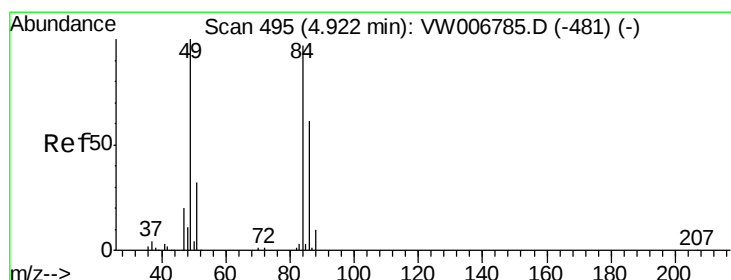
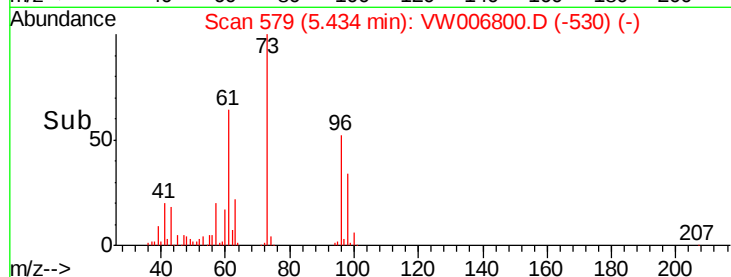
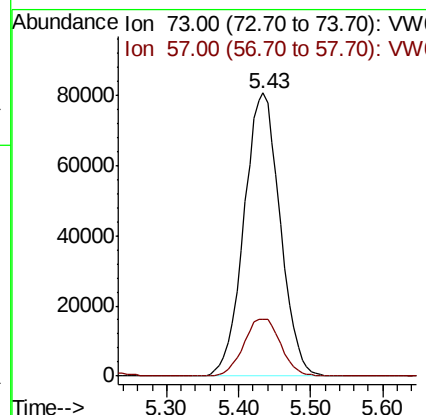
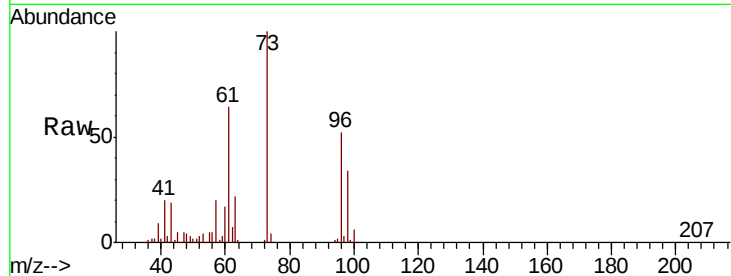
#19
Methvl tert-butvl Ether
Concen: 54.115 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 280229
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6

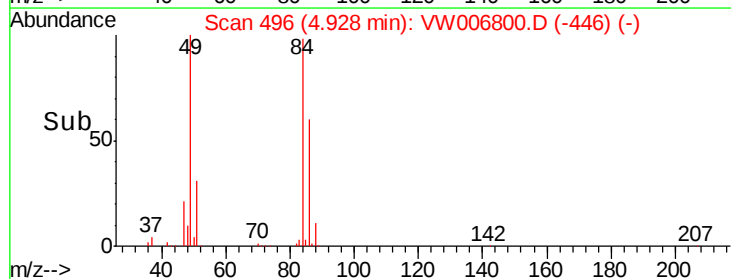
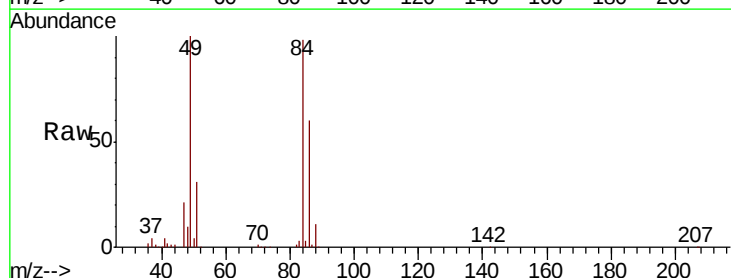
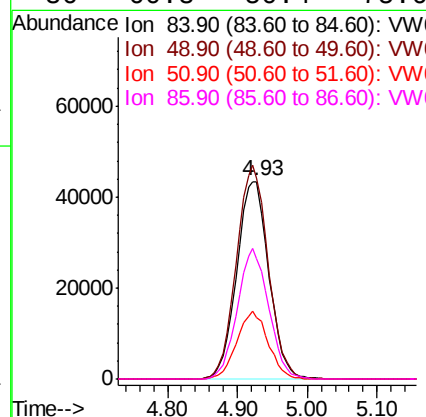
Manual Integrations
APPROVED

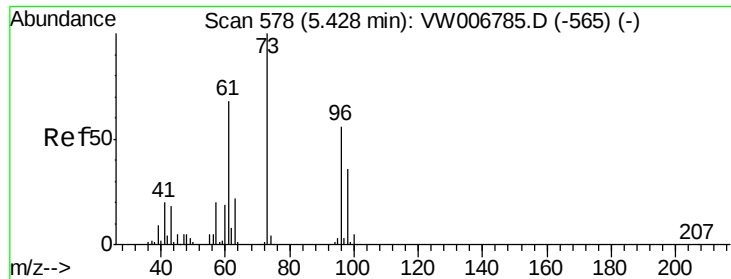
apatel
11/12/2018 3:41:31 PM



#20
Methylene Chloride
Concen: 54.346 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 84 Resp: 138441
Ion Ratio Lower Upper
84 100
49 101.6 82.4 123.6
51 31.4 26.7 40.1
86 60.8 50.4 75.6





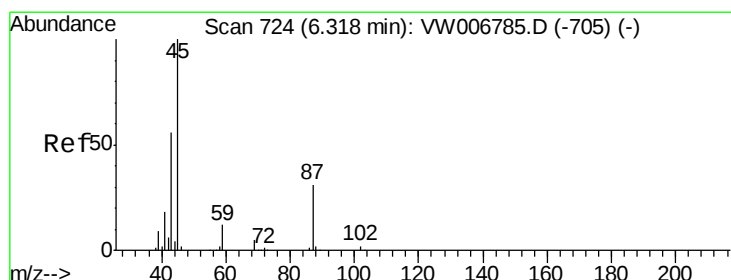
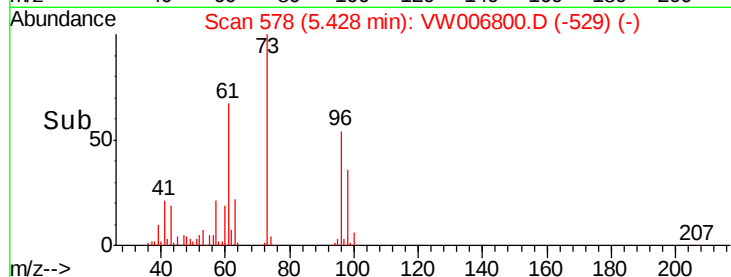
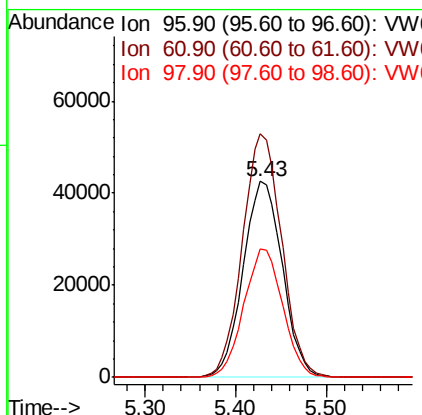
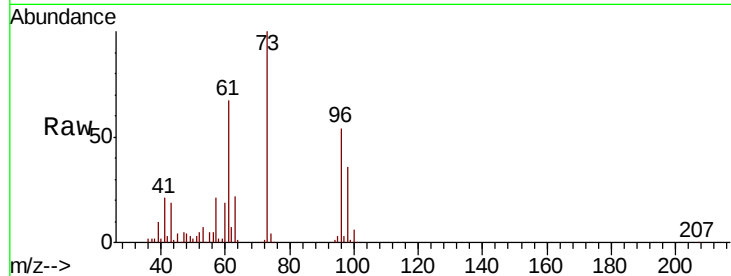
#21
trans-1,2-Dichloroethene
Concen: 50.391 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.3	97.6	146.4
98	65.9	51.6	77.4

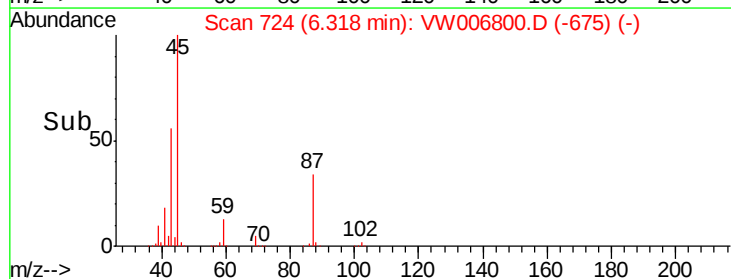
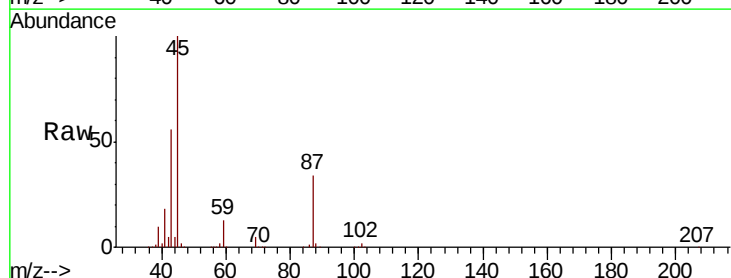
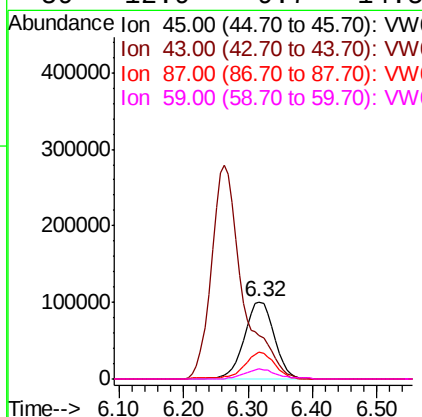
Manual Integrations
APPROVED

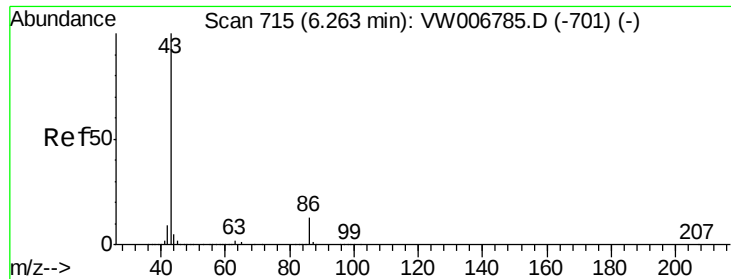
apatel
11/12/2018 3:41:31 PM



#22
Diisopropyl ether
Concen: 53.995 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	44.6	66.8
87	34.3	25.5	38.3
59	12.9	9.7	14.5





#23

Vinyl Acetate

Concen: 274.101 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 938954

Ion Ratio Lower Upper

43 100

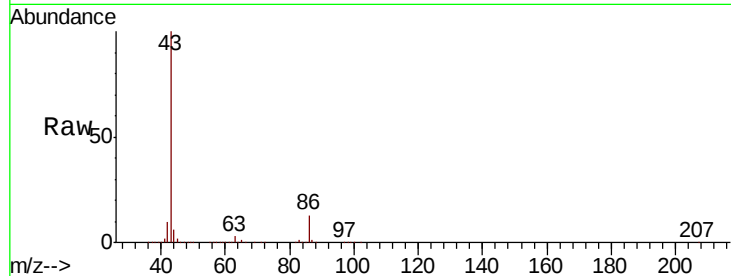
86 12.6 10.0 15.0

Manual Integrations

APPROVED

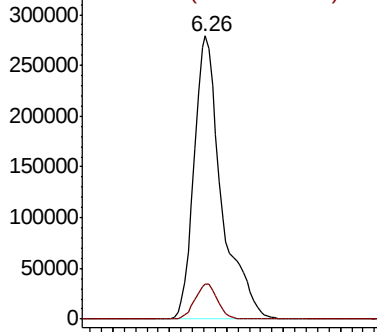
apatel

11/12/2018 3:41:31 PM

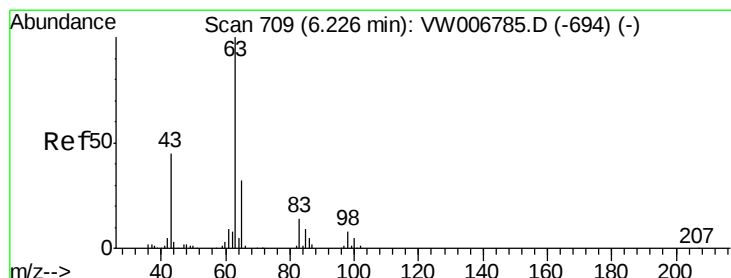
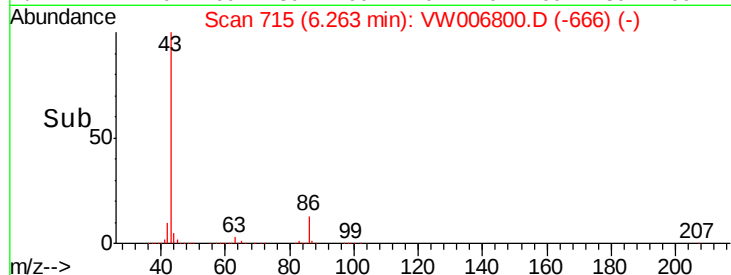


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 51.513 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

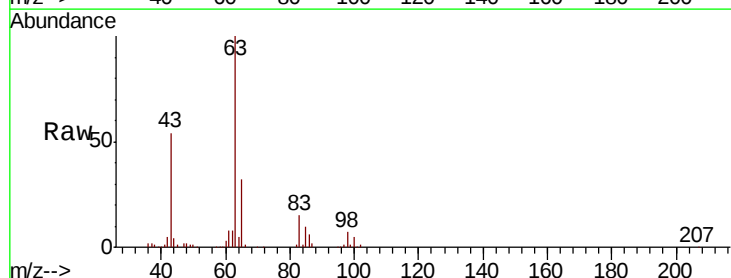
Tgt Ion: 63 Resp: 202400

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

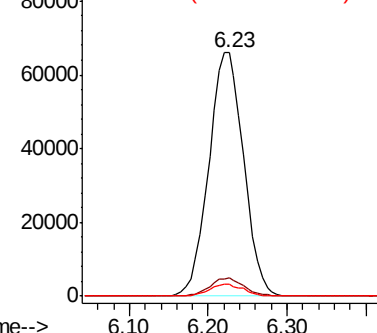
100 4.8 2.3 6.9



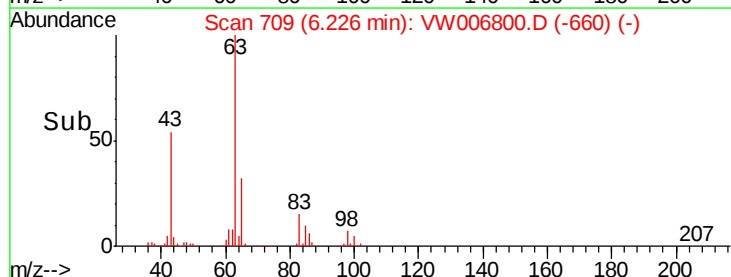
Abundance Ion 62.90 (62.60 to 63.60): VW

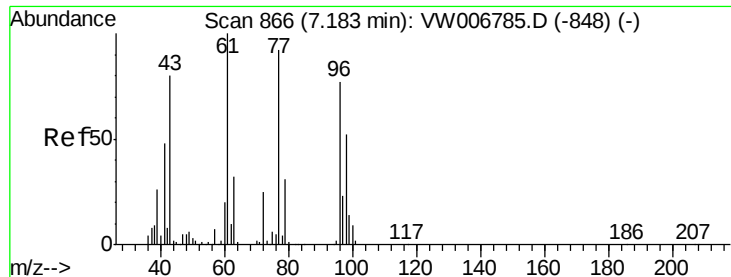
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





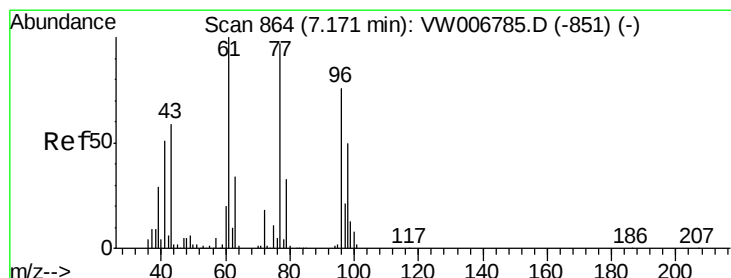
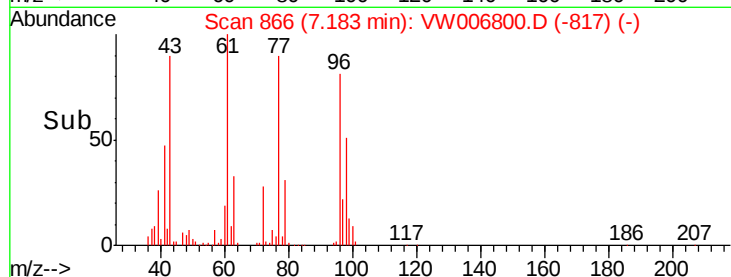
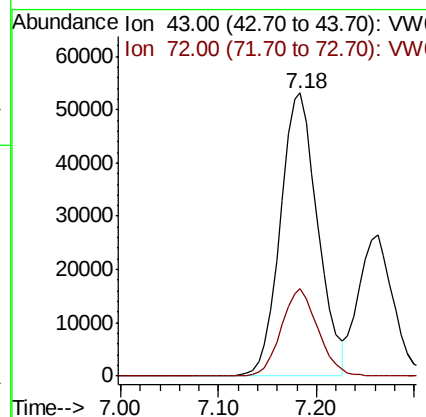
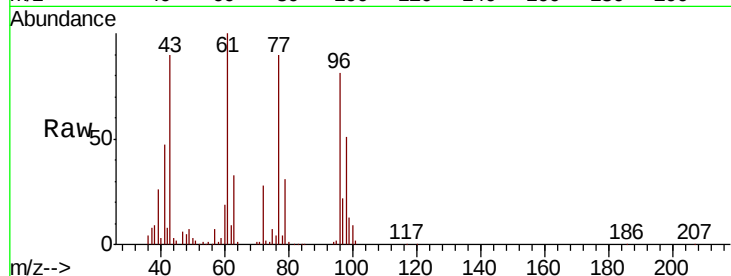
#25
2-Butanone
Concen: 274.076 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 142083
Ion Ratio Lower Upper
43 100
72 30.7 24.5 36.7

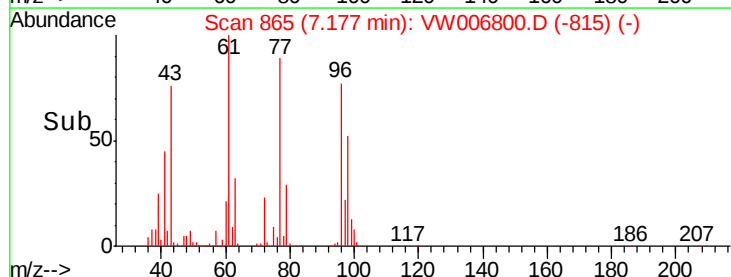
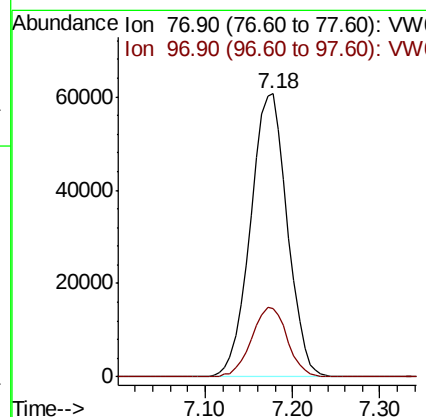
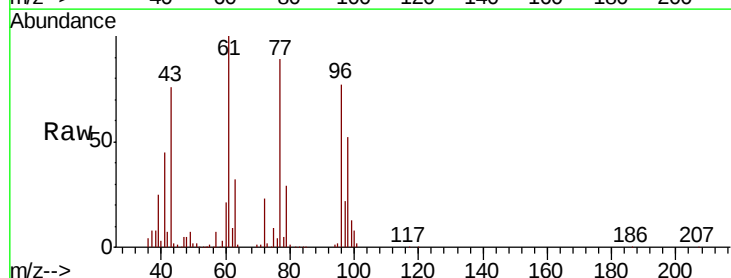
Manual Integrations
APPROVED

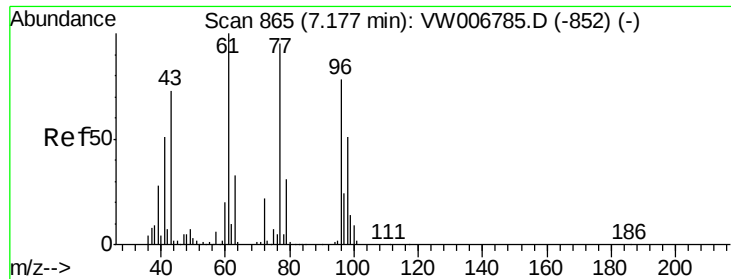
apatel
11/12/2018 3:41:31 PM



#26
2,2-Dichloropropane
Concen: 47.318 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 77 Resp: 177138
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

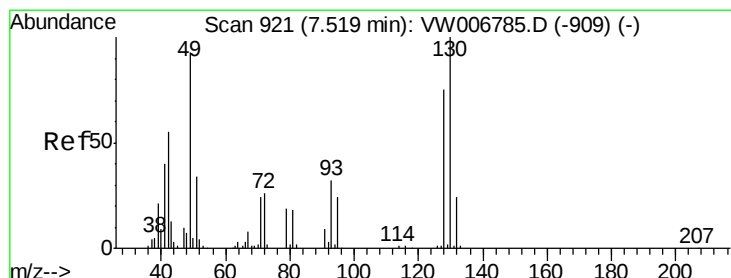
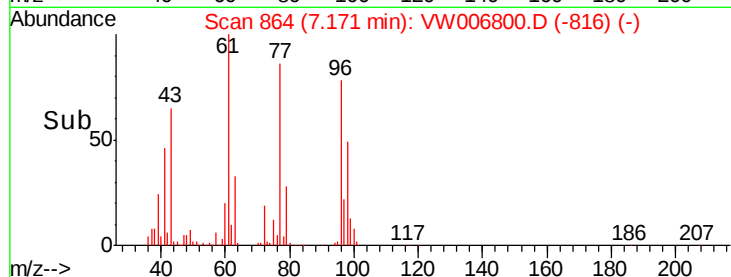
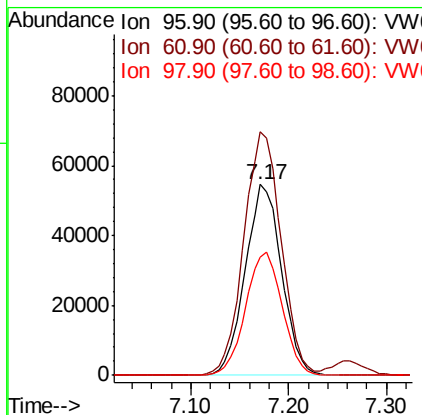
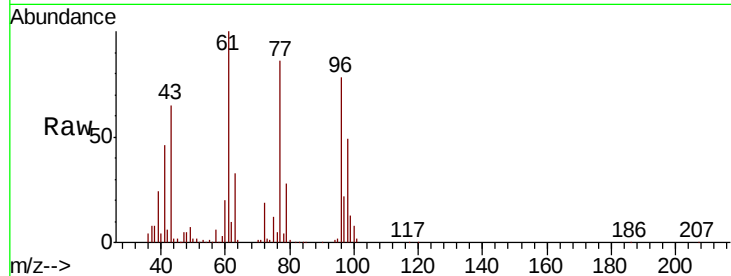
cis-1,2-Dichloroethene
Concen: 52.073 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	264.4
98	64.9	0.0	130.0

Manual Integrations
APPROVED

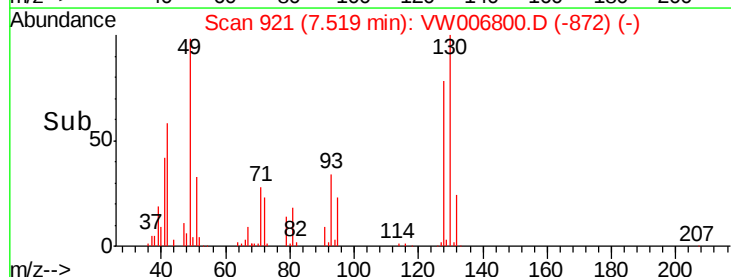
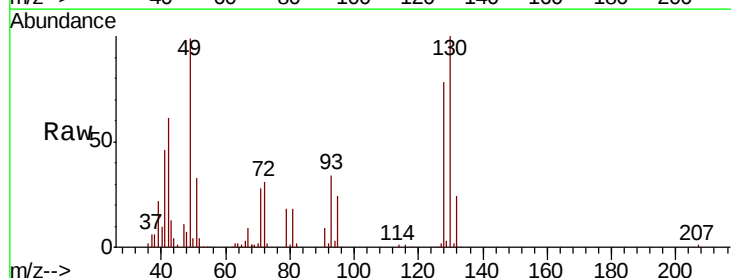
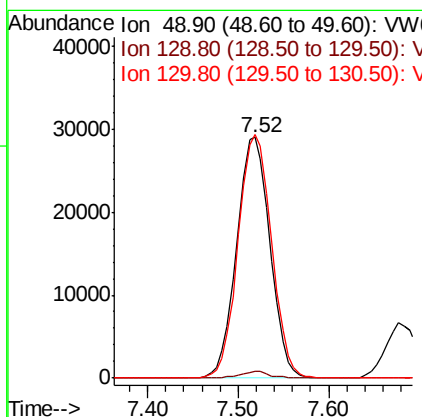
apatel
11/12/2018 3:41:31 PM

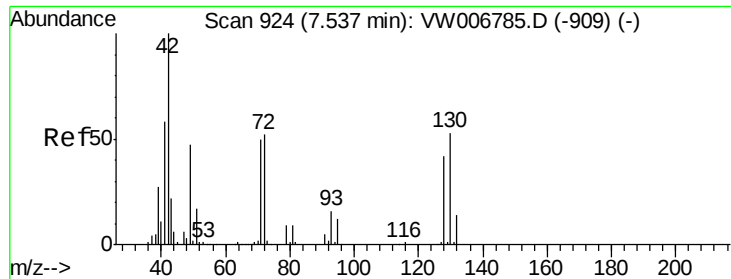


#28

Bromochloromethane
Concen: 50.226 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	101.3	81.5	122.3





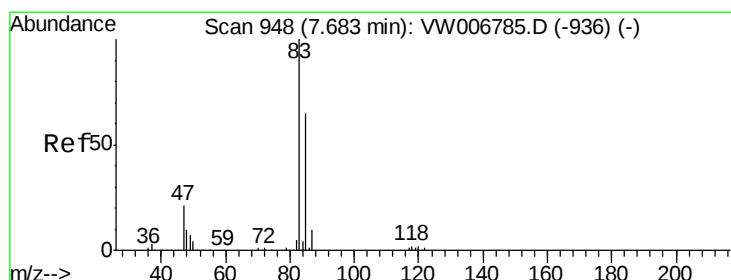
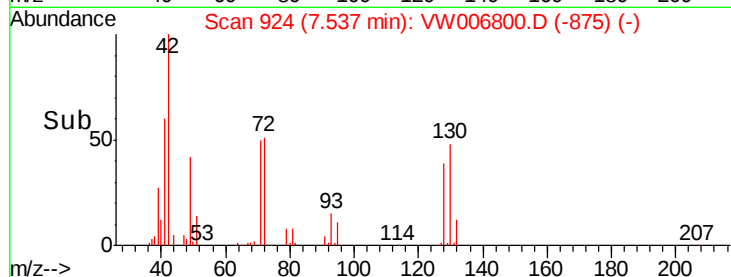
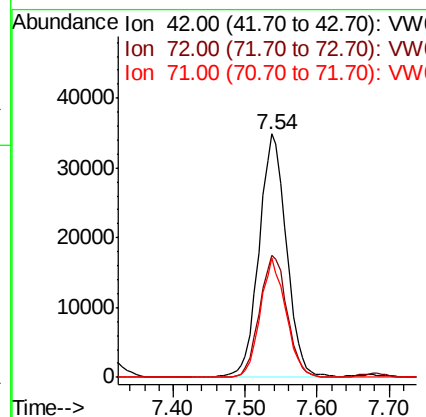
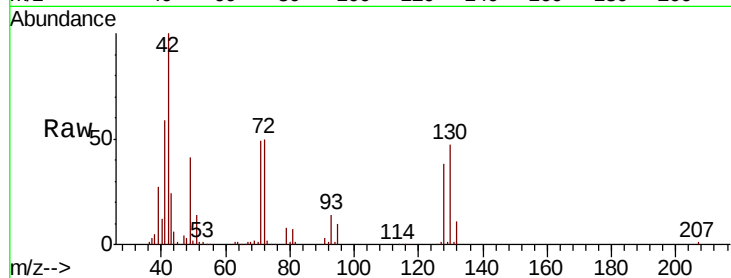
#29
Tetrahydrofuran
Concen: 272.808 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	39.8	59.8
71	45.9	37.8	56.6

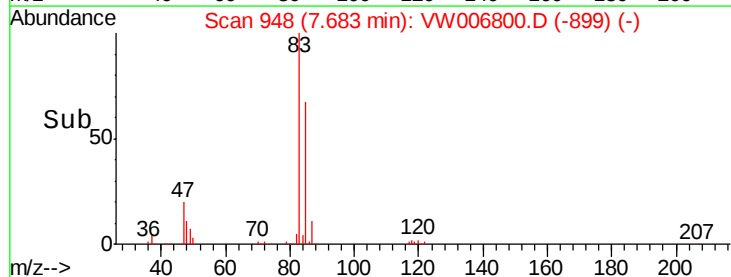
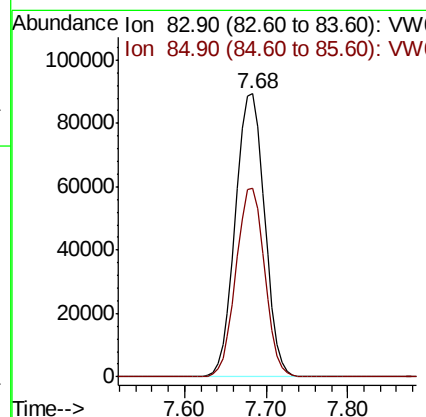
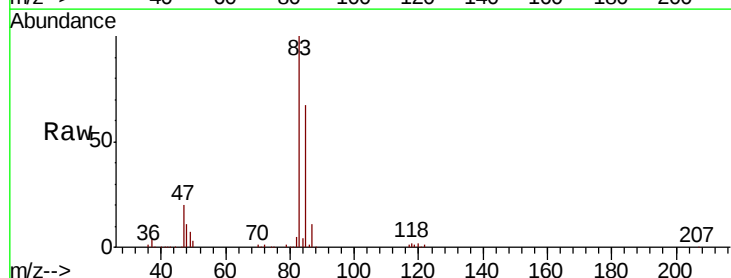
Manual Integrations
APPROVED

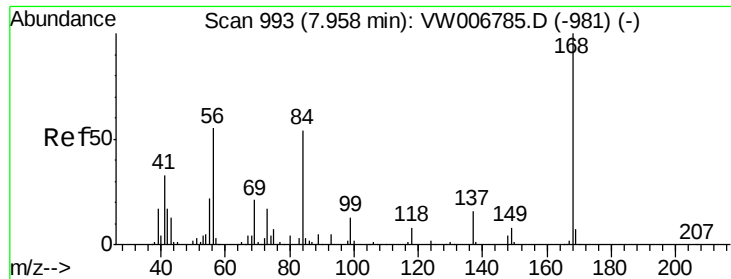
apatel
11/12/2018 3:41:31 PM



#30
Chloroform
Concen: 50.875 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.1	78.1





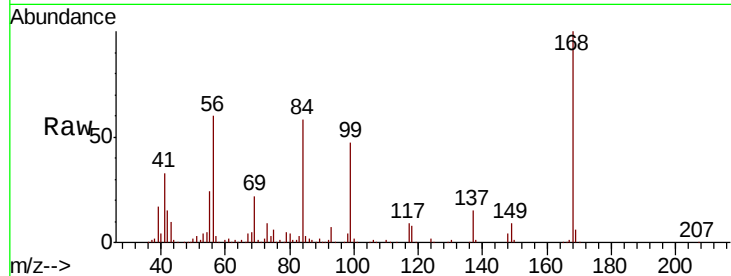
#31
Cyclohexane
Concen: 47.115 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

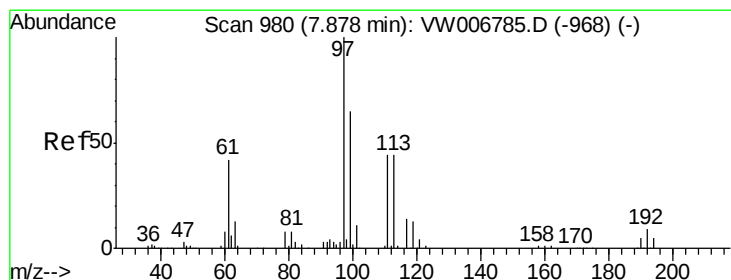
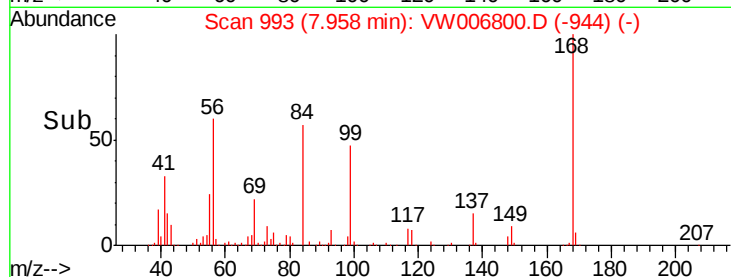
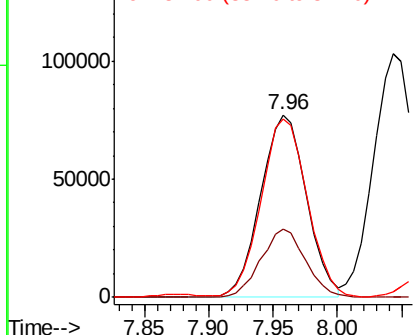
Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	30.3	45.5
84	96.3	78.2	117.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM

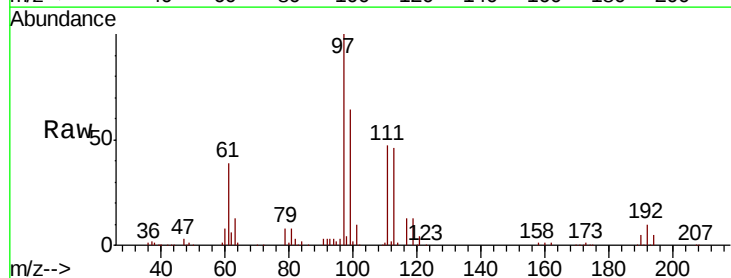


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

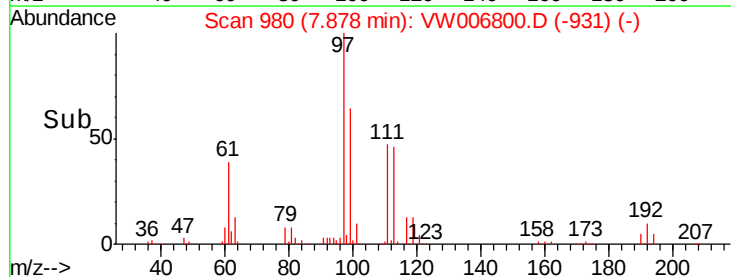
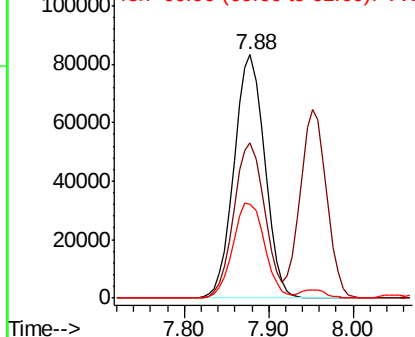


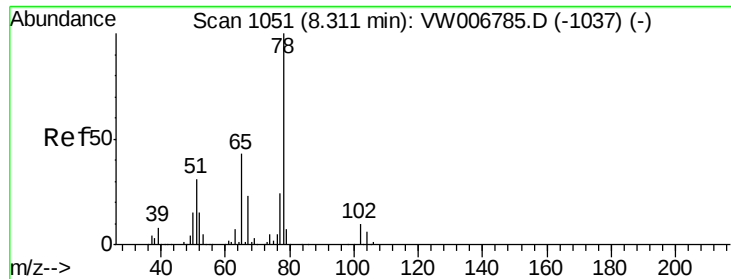
#32
1,1,1-Trichloroethane
Concen: 49.387 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	40.7	32.7	49.1



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 47.929 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 103960

Ion Ratio Lower Upper

65 100

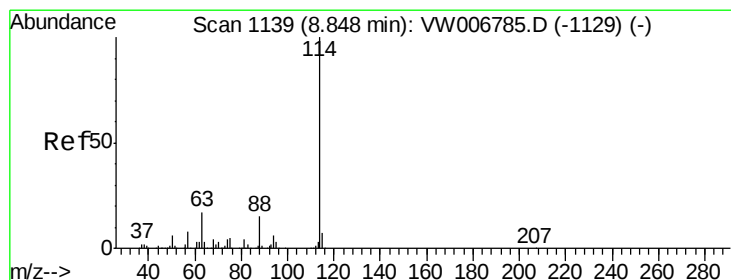
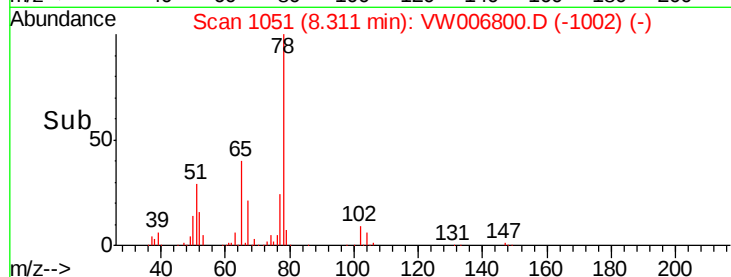
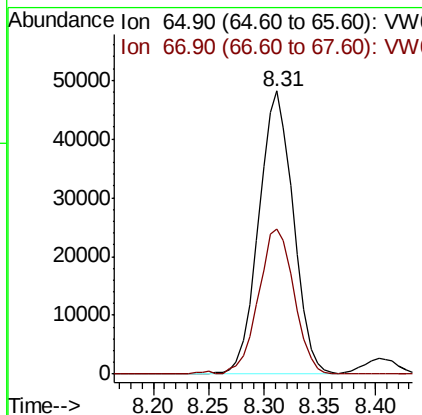
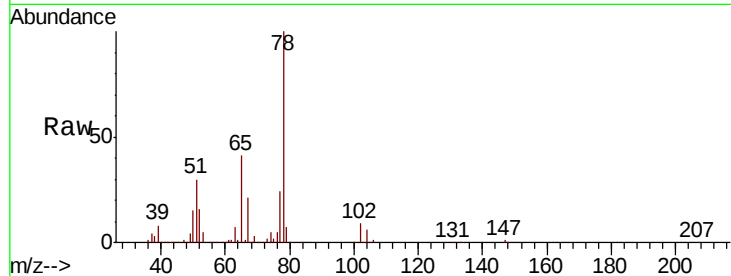
67 53.1 0.0 107.2

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

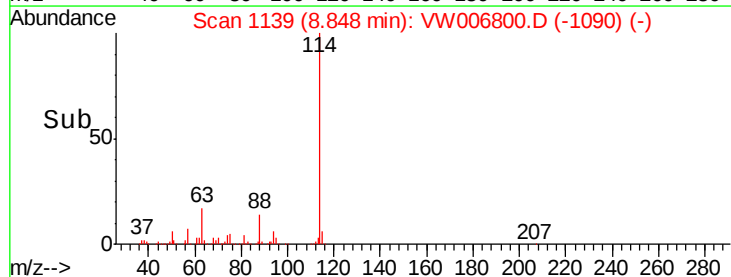
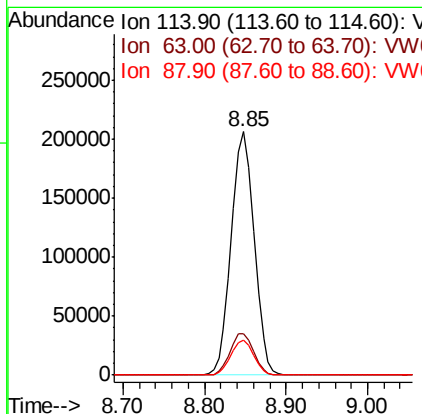
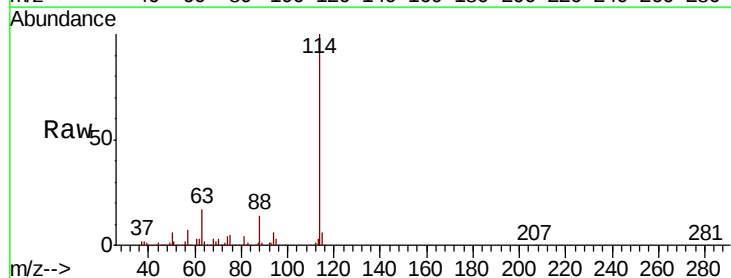
Tgt Ion: 114 Resp: 400214

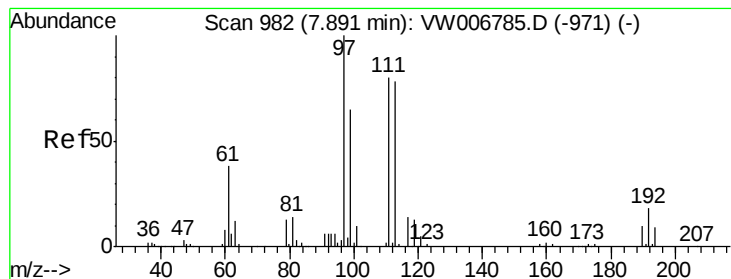
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 14.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.855 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

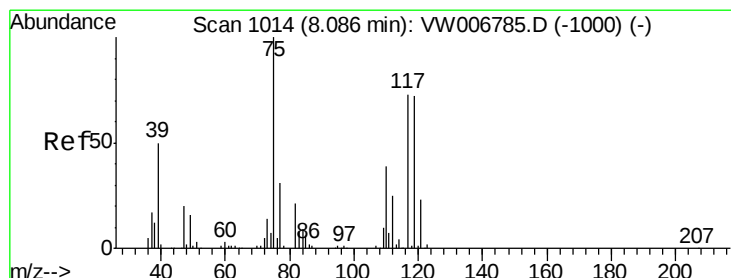
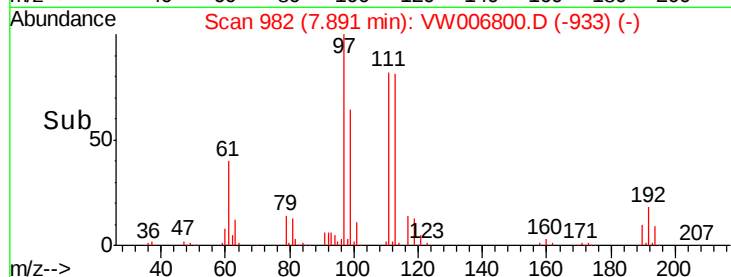
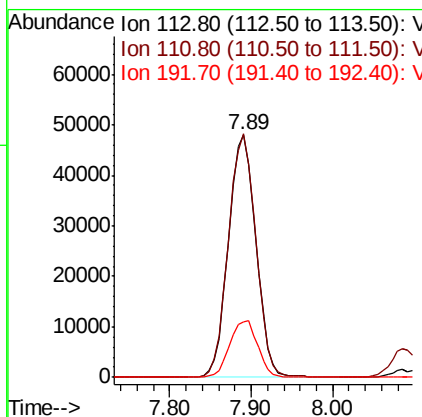
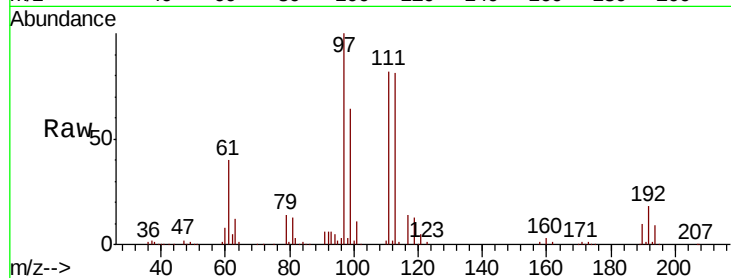
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	111290
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.4	122.2
192	23.7	19.1	28.7

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#36

1,1-Dichloropropene

Concen: 49.481 ug/l

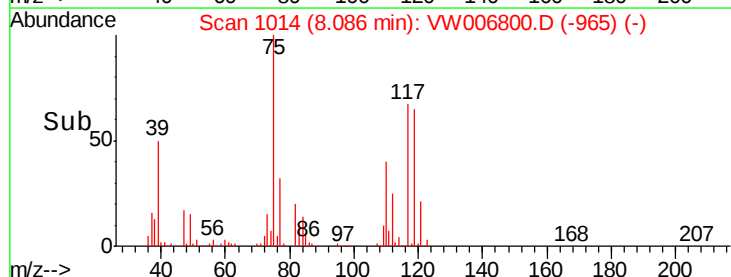
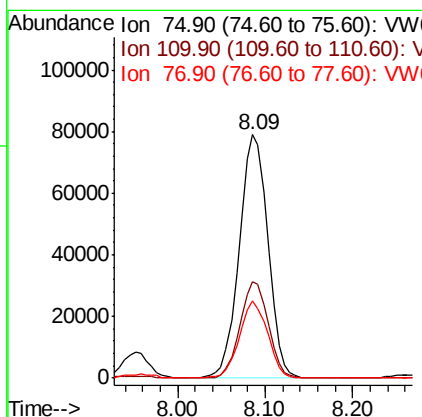
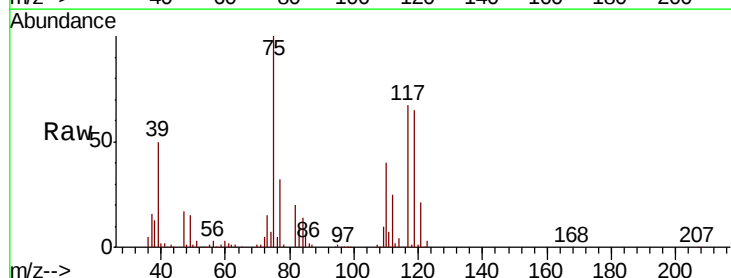
RT: 8.09 min Scan# 1014

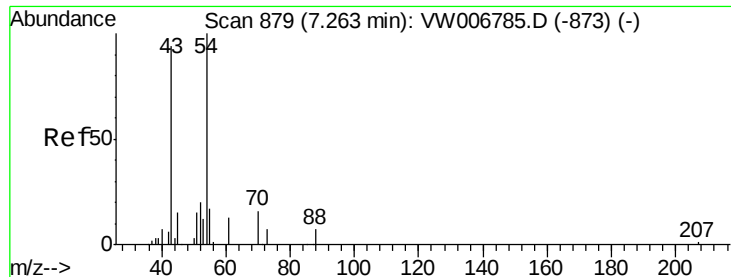
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	75	Resp:	179697
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.6	58.7
77	31.5	24.9	37.3





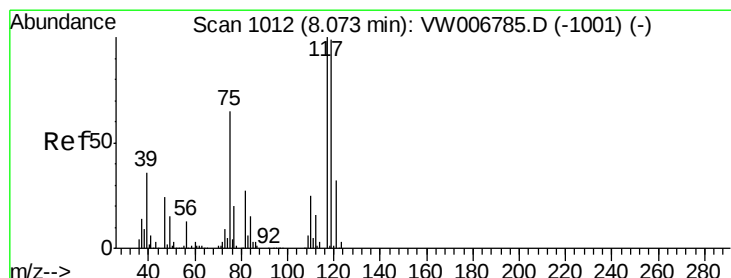
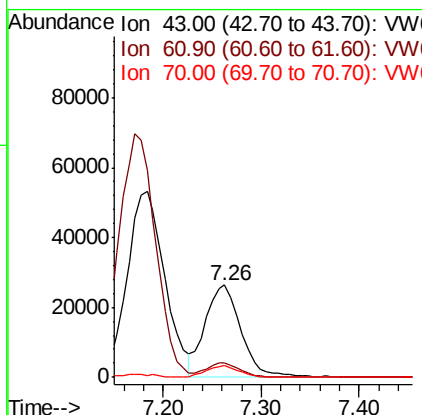
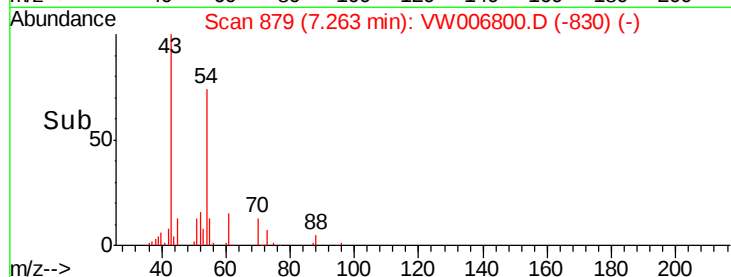
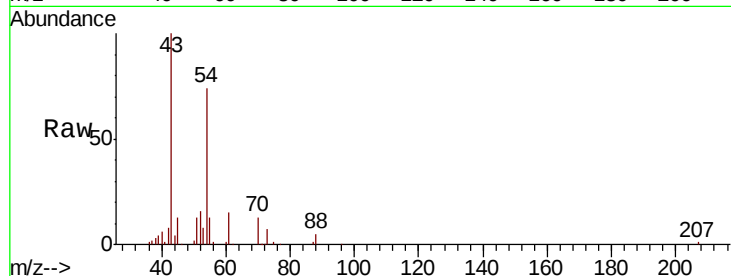
#37
Ethyl Acetate
Concen: 51.505 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.2
70	12.1	9.8	14.8

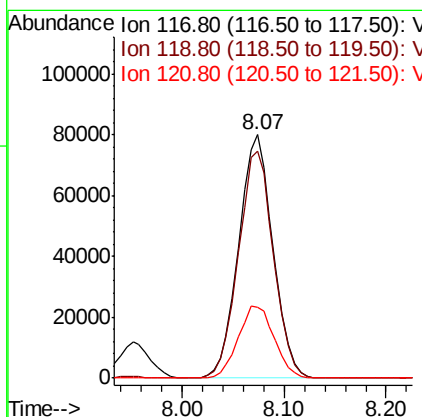
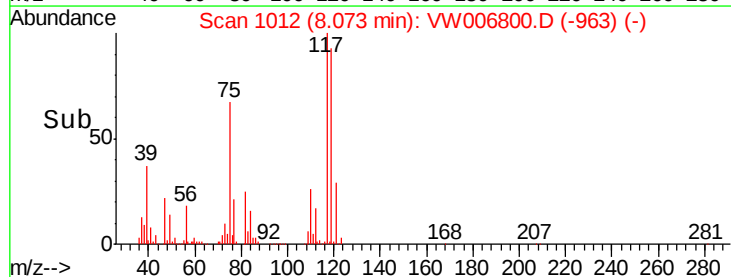
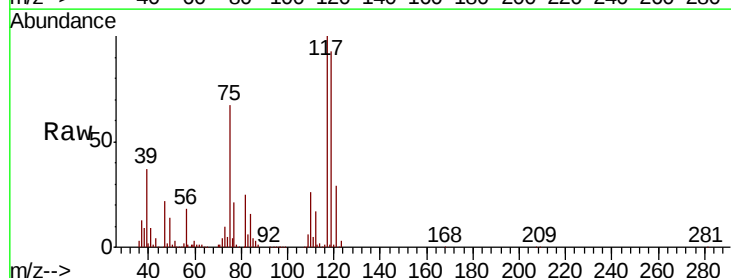
Manual Integrations
APPROVED

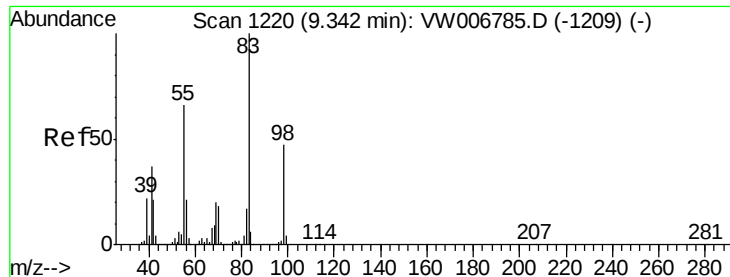
apatel
11/12/2018 3:41:31 PM



#38
Carbon Tetrachloride
Concen: 47.986 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.9	118.3
121	29.2	25.3	37.9





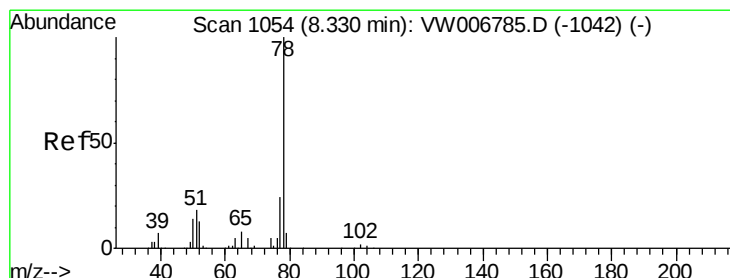
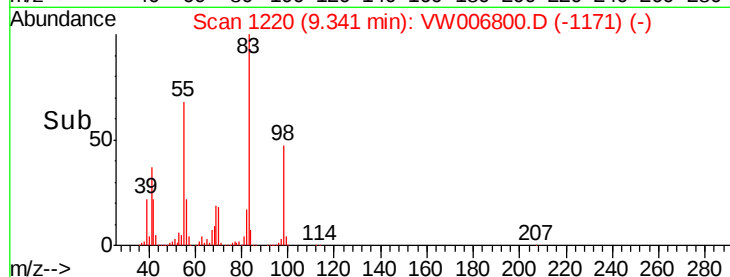
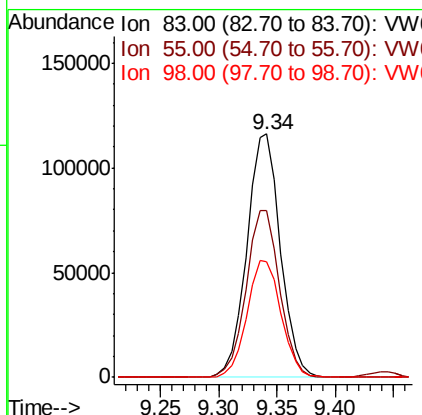
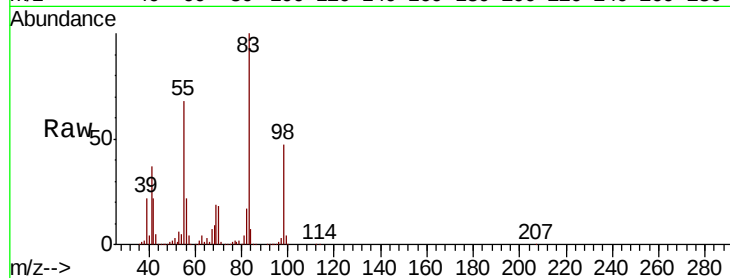
#39
Methvlcvclohexane
Concen: 50.333 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	53.0	79.4
98	47.4	37.9	56.9

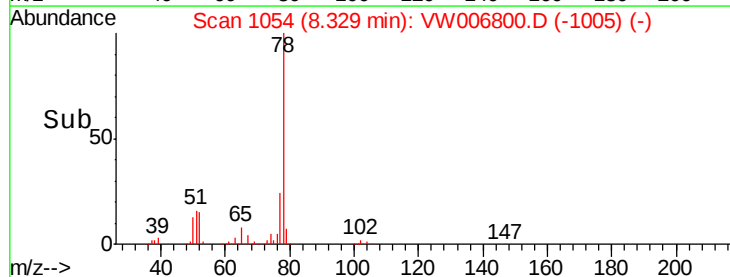
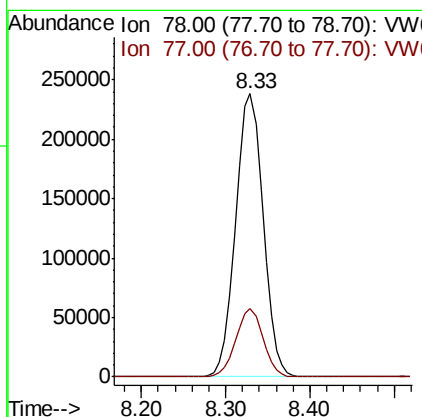
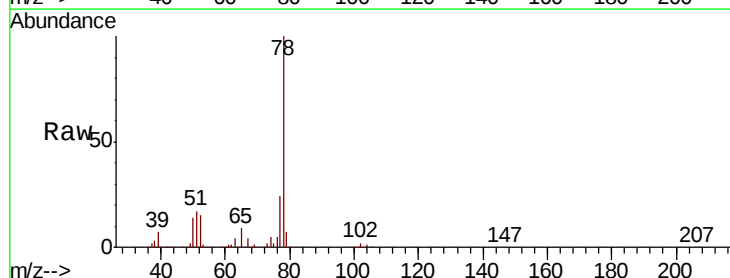
Manual Integrations
APPROVED

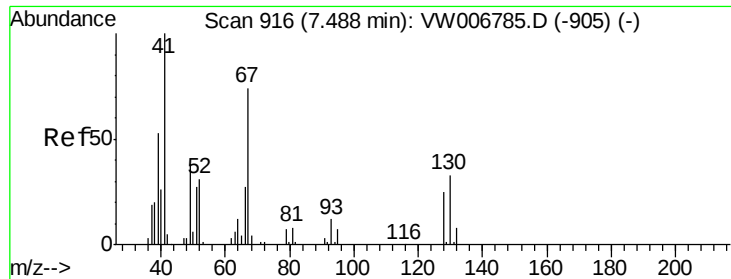
apatel
11/12/2018 3:41:31 PM



#40
Benzene
Concen: 51.119 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2





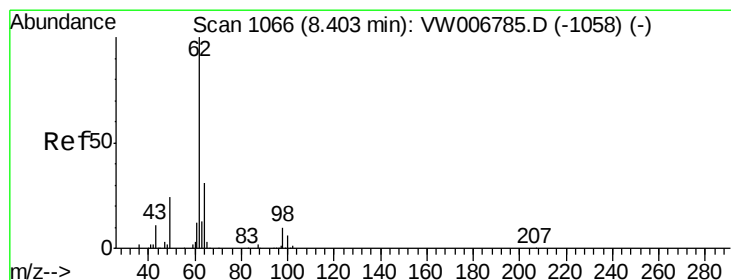
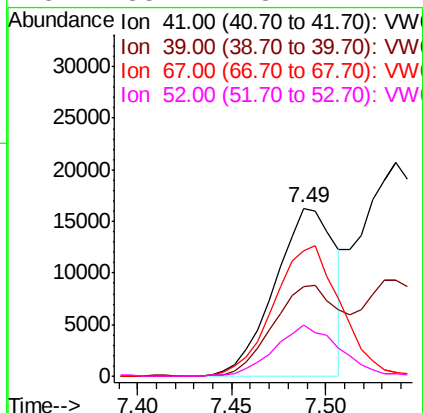
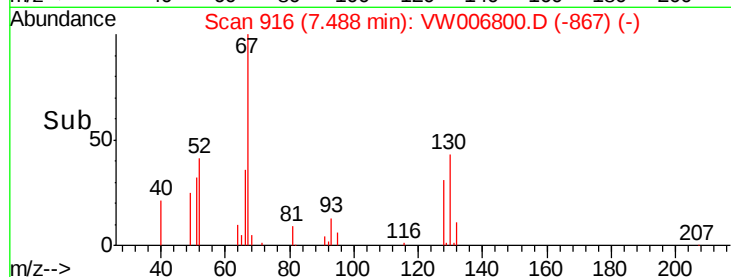
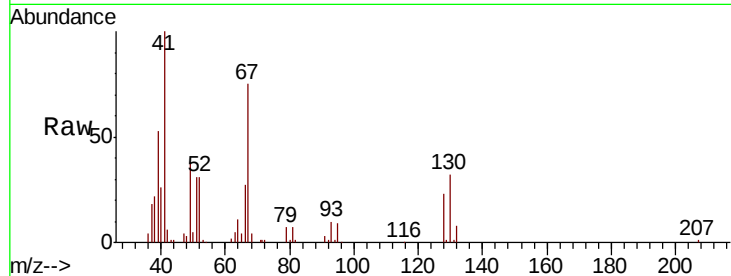
#41
Methacrylonitrile
Concen: 48.294 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36135		
39	60.8	49.3	73.9		
67	86.2	69.3	103.9		
52	33.2	28.2	42.4		

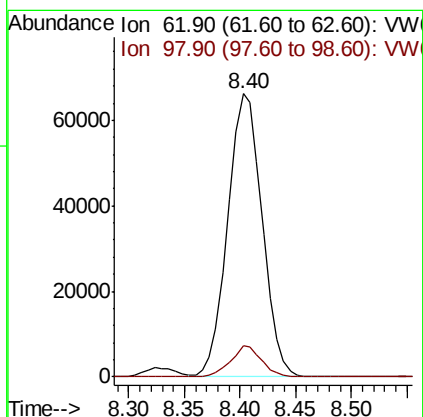
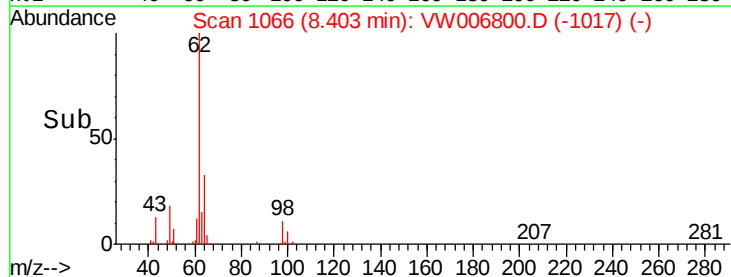
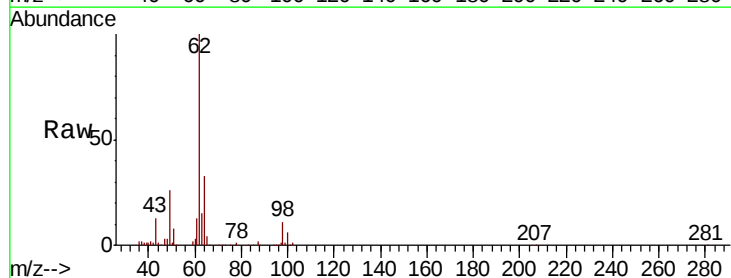
Manual Integrations
APPROVED

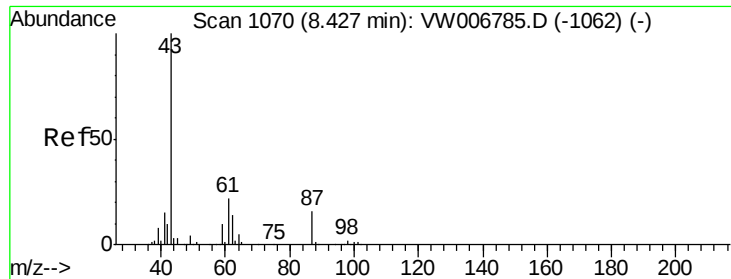
apatel
11/12/2018 3:41:31 PM



#42
1,2-Dichloroethane
Concen: 50.865 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		141984		
98	9.9	0.0	19.4		





#43

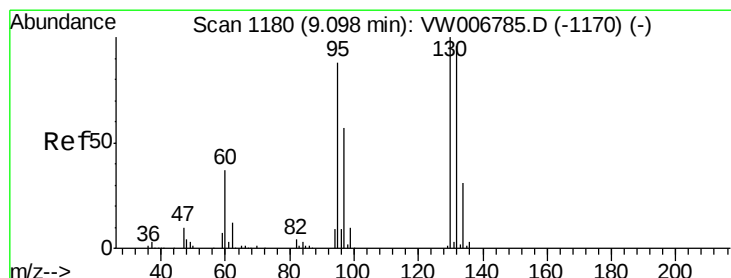
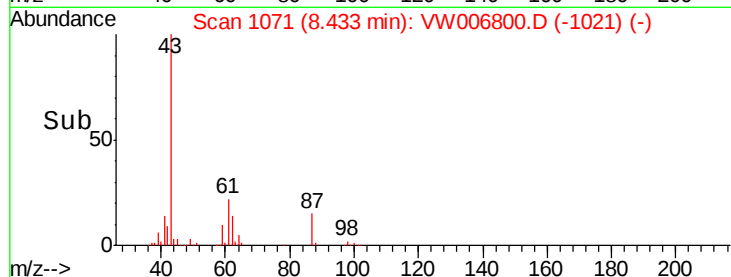
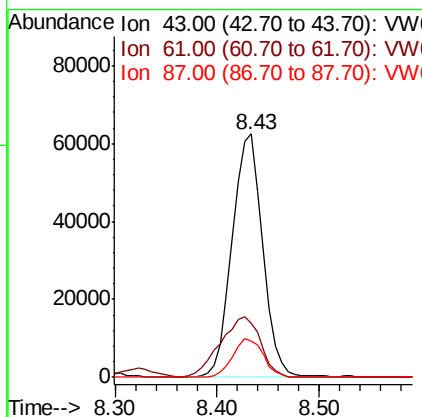
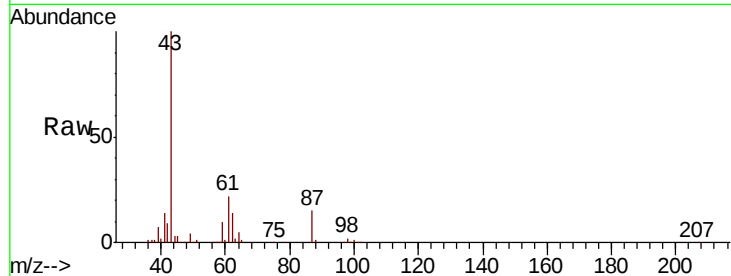
Isopropyl Acetate
 Concen: 53.302 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.2	26.5	39.7
87	15.9	12.8	19.2

Manual Integrations
 APPROVED

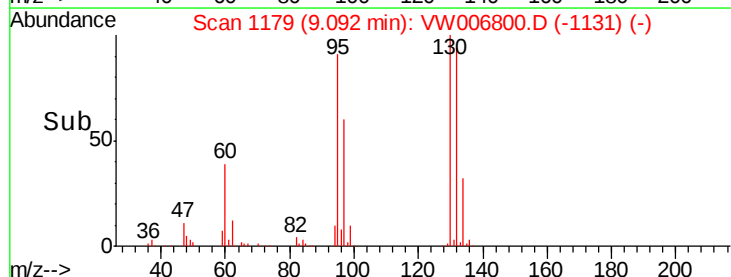
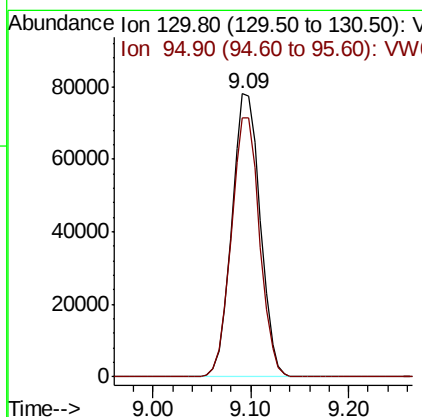
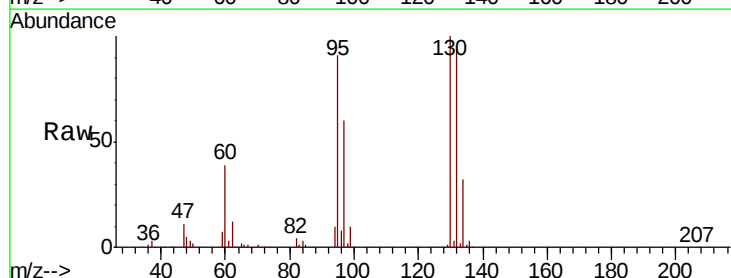
apatel
 11/12/2018 3:41:31 PM

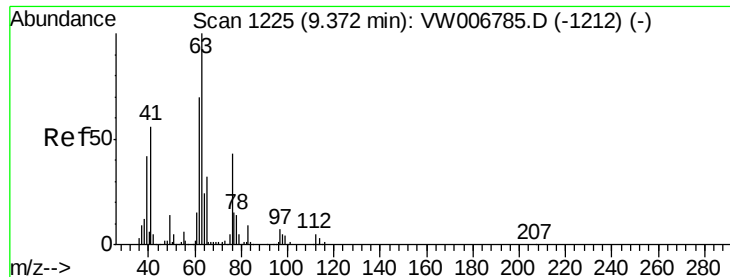


#44

Trichloroethene
 Concen: 49.891 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	175.0





#45

1,2-Dichloropropane

Concen: 51.362 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 123704

Ion Ratio Lower Upper

63 100

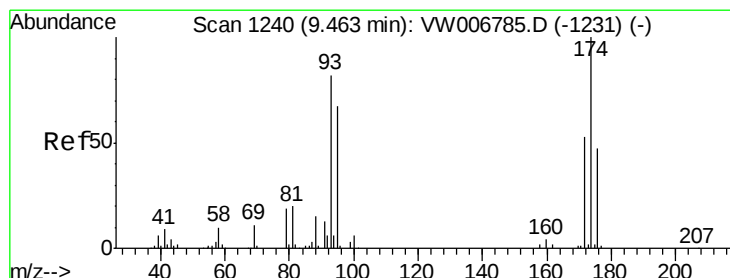
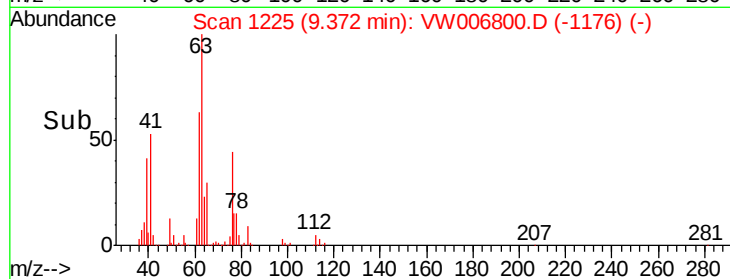
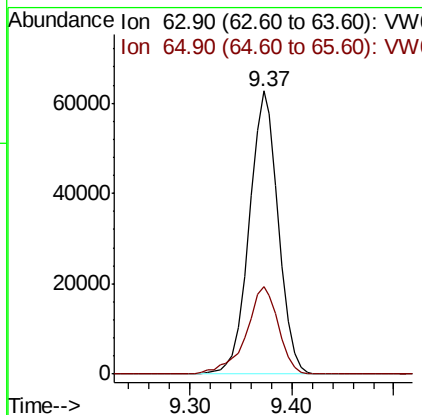
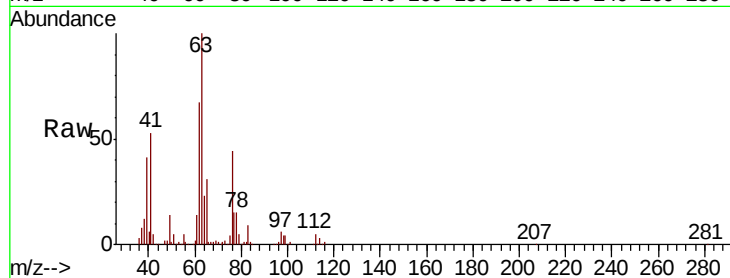
65 31.0 25.5 38.3

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#46

Dibromomethane

Concen: 51.157 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

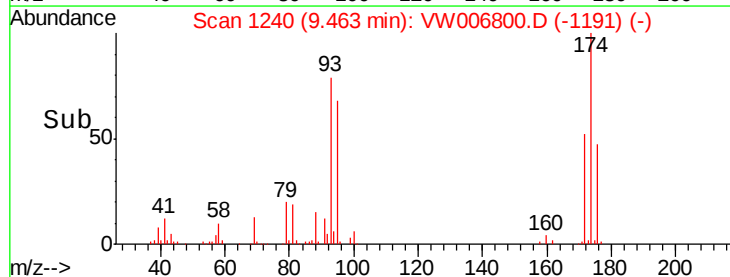
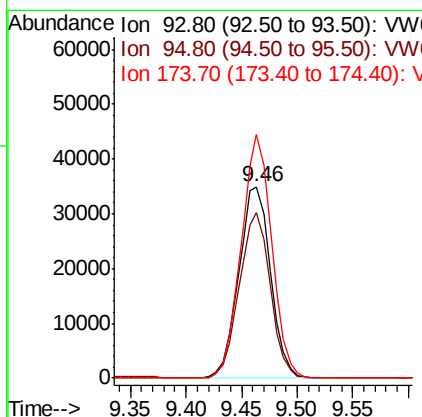
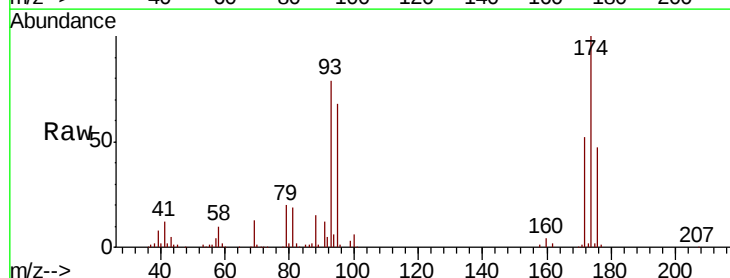
Tgt Ion: 93 Resp: 69174

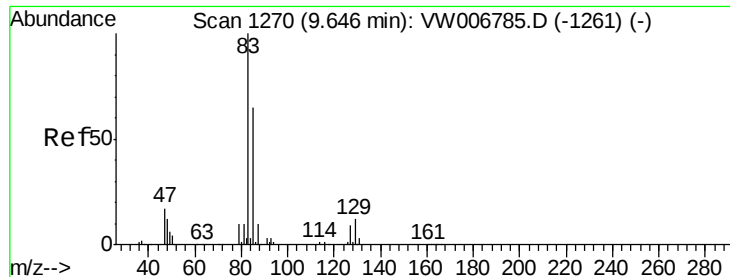
Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.0

174 122.6 96.4 144.6





#47

Bromodichloromethane

Concen: 51.146 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

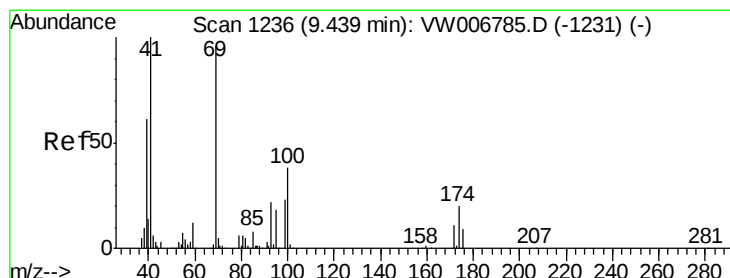
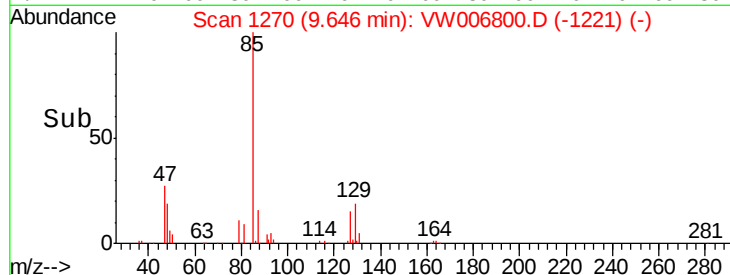
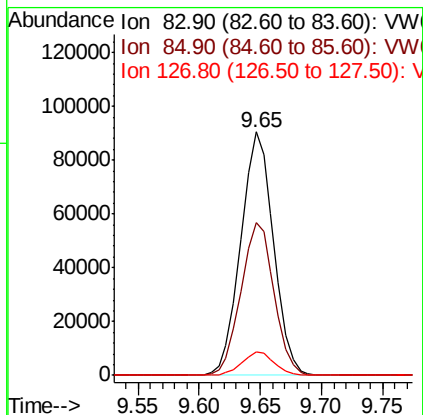
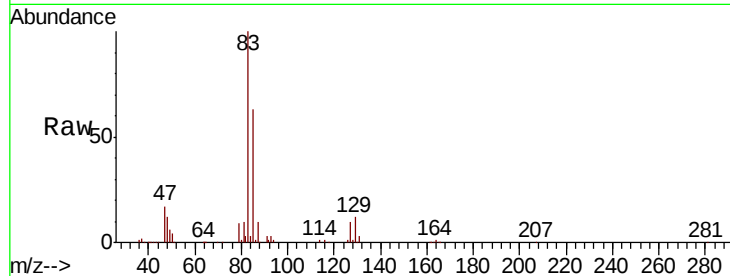
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	167820
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.6	77.4
127	9.6	7.4	11.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#48

Methyl methacrylate

Concen: 54.197 ug/l

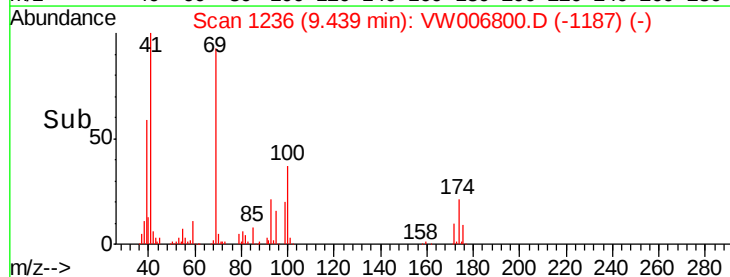
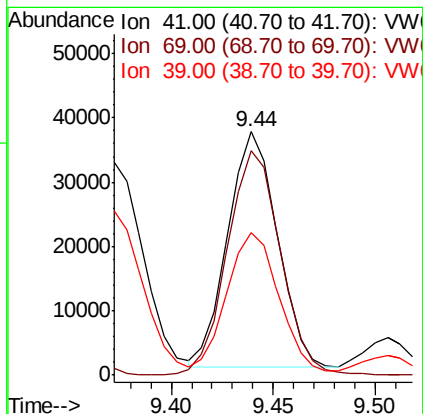
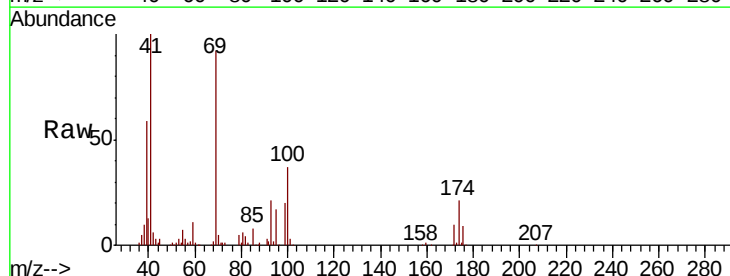
RT: 9.44 min Scan# 1236

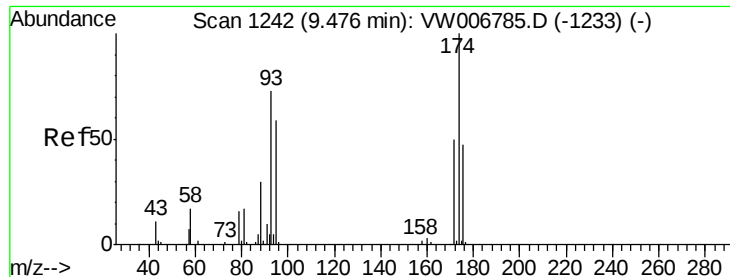
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	41	Resp:	61712
Ion	Ratio	Lower	Upper
41	100		
69	102.8	81.5	122.3
39	60.9	48.0	72.0





#49

1,4-Dioxane

Concen: 1128.298 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

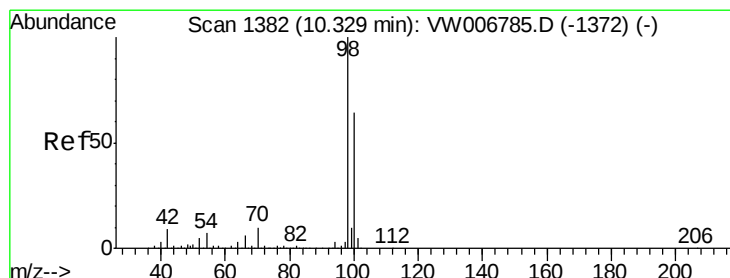
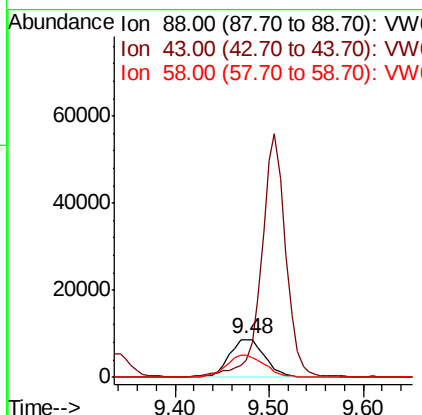
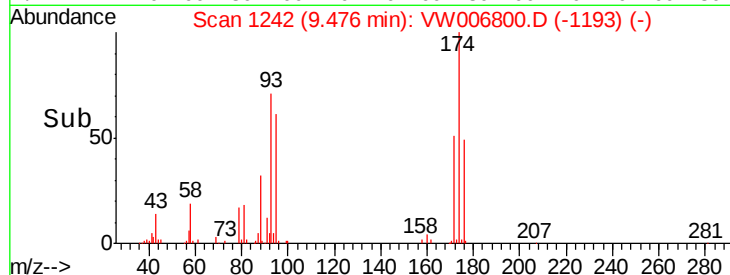
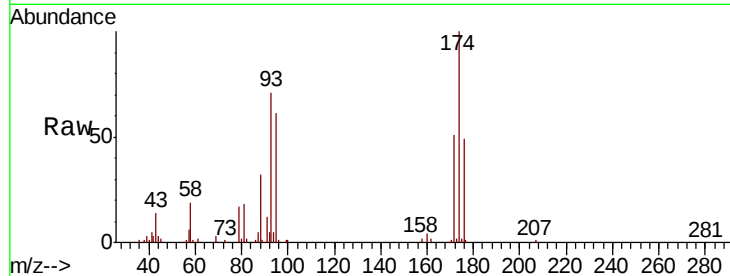
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	22841
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.9	53.7	80.5

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#50

Toluene-d8

Concen: 49.021 ug/l

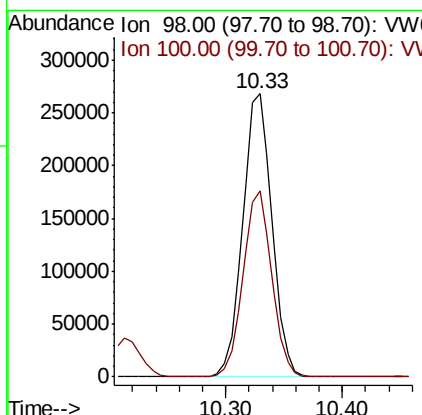
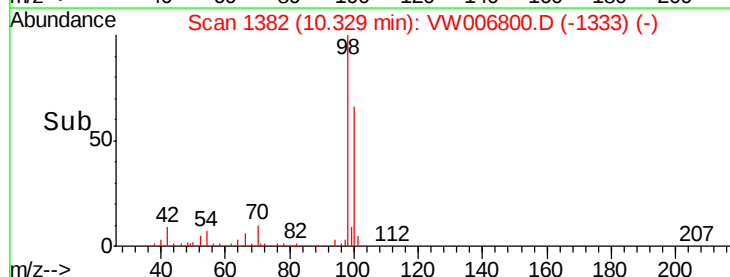
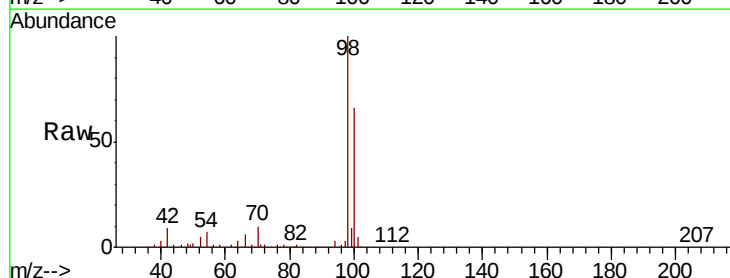
RT: 10.33 min Scan# 1382

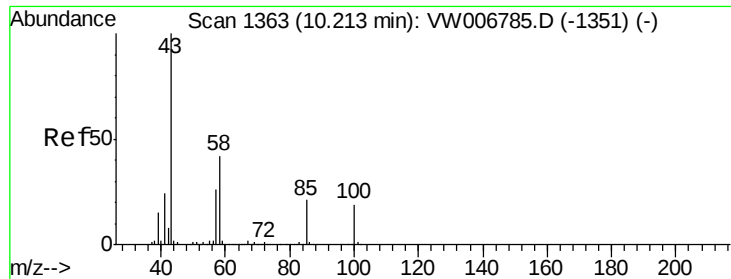
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	98	Resp:	469971
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 271.849 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 337679

Ion Ratio Lower Upper

43 100

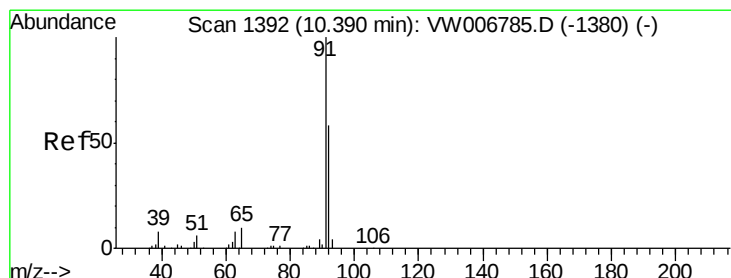
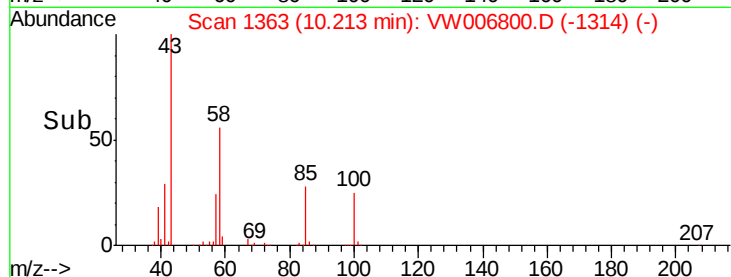
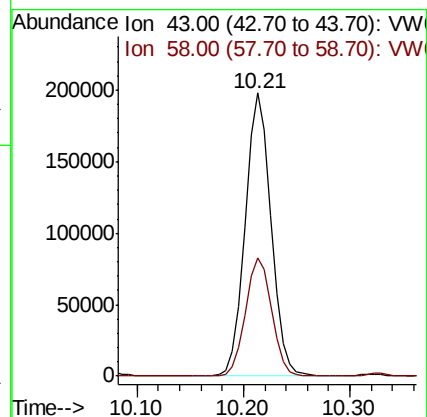
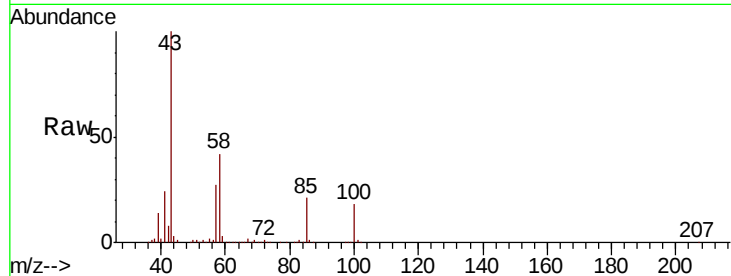
58 42.4 33.2 49.8

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#52

Toluene

Concen: 52.545 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006800.D

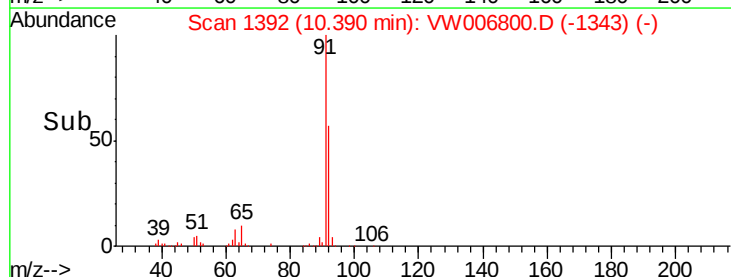
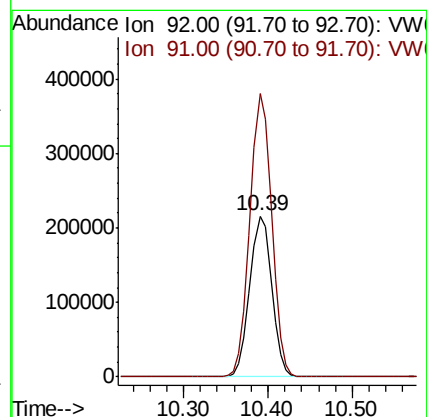
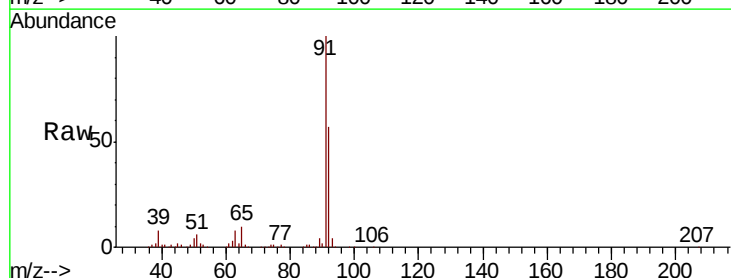
Acq: 09 Nov 2018 21:57

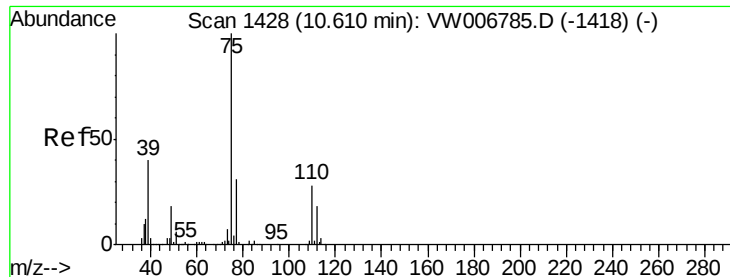
Tgt Ion: 92 Resp: 378840

Ion Ratio Lower Upper

92 100

91 174.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 53.086 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 168900

Ion Ratio Lower Upper

75 100

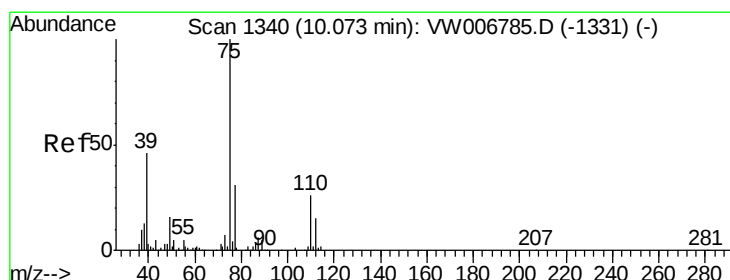
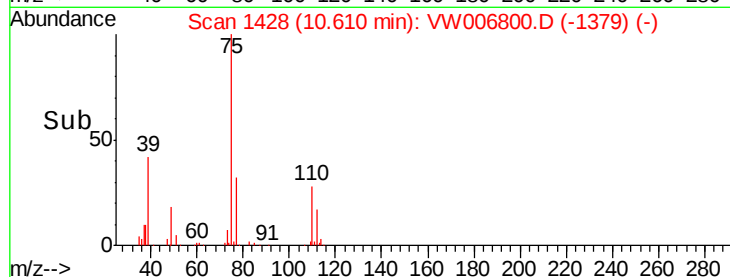
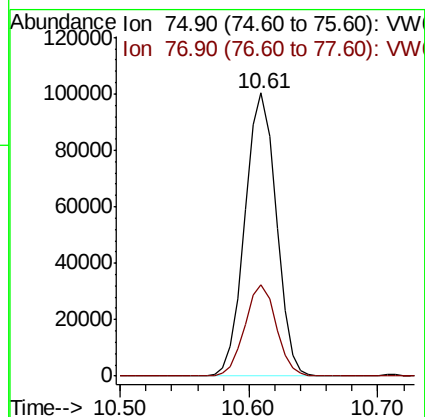
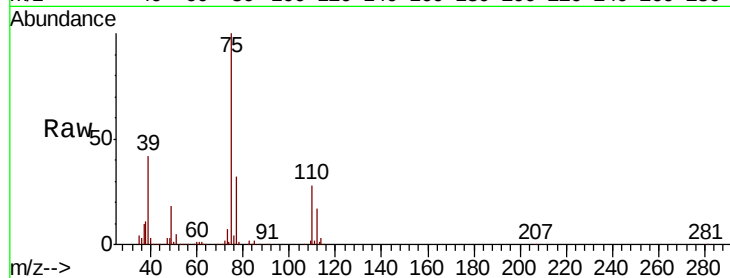
77 32.3 25.1 37.7

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#54

cis-1,3-Dichloropropene

Concen: 52.171 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

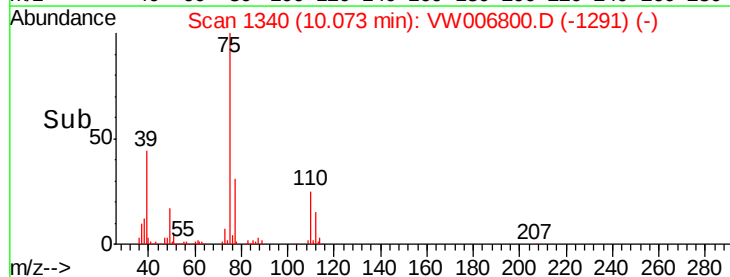
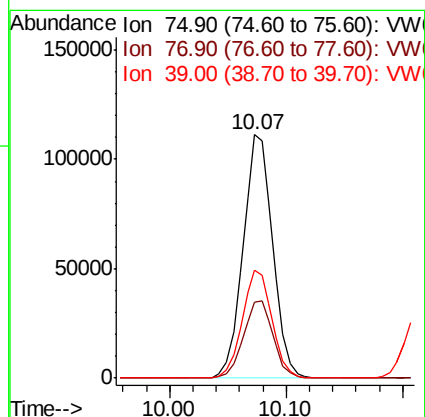
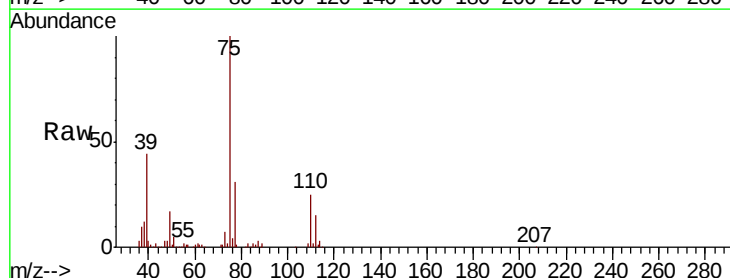
Tgt Ion: 75 Resp: 196802

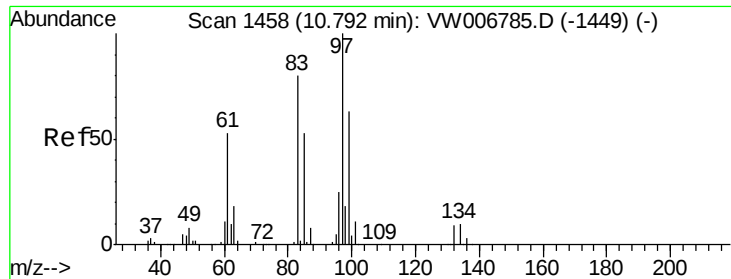
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 44.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 52.212 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

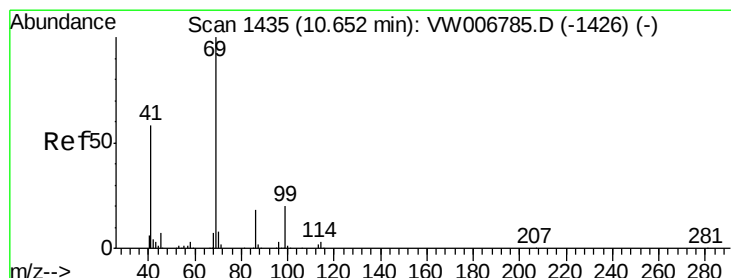
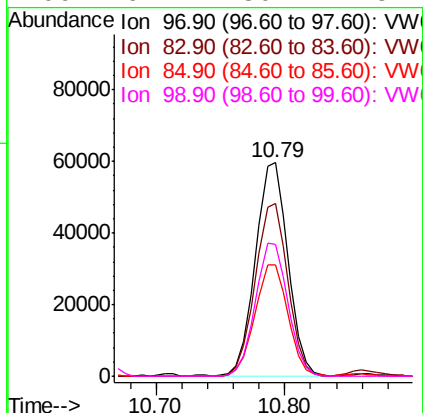
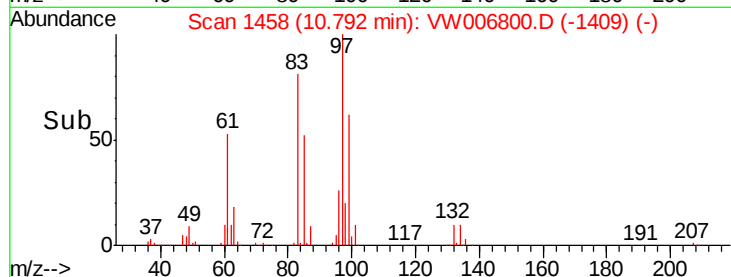
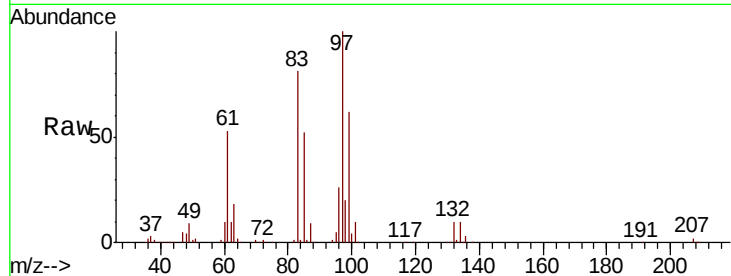
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	104006
Ion	Ratio	Lower	Upper
97	100		
83	80.8	64.4	96.6
85	52.2	42.6	63.8
99	61.7	50.2	75.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#56

Ethyl methacrylate

Concen: 57.116 ug/l

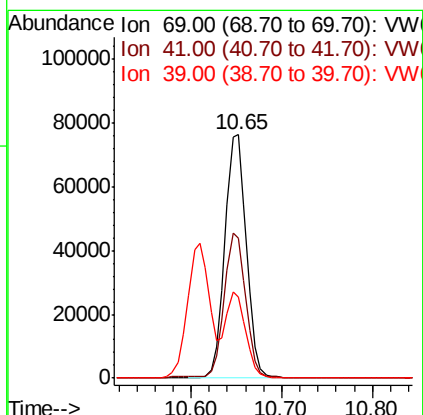
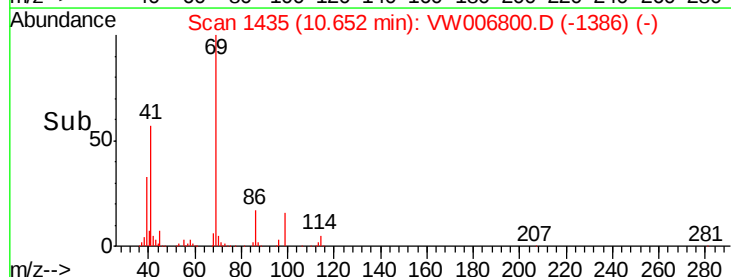
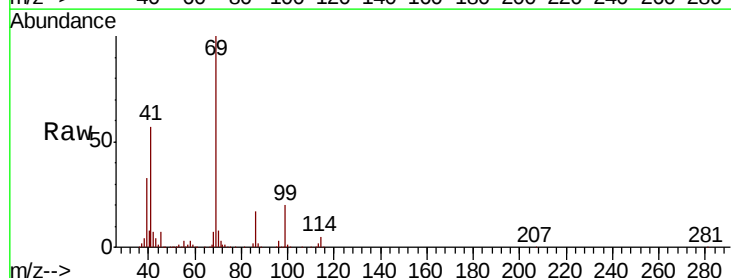
RT: 10.65 min Scan# 1435

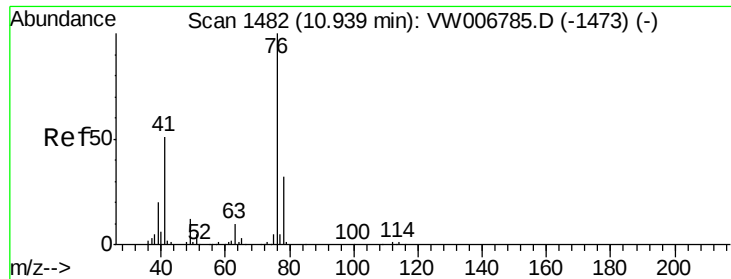
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	69	Resp:	125639
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.2	70.8
39	34.0	23.4	35.0





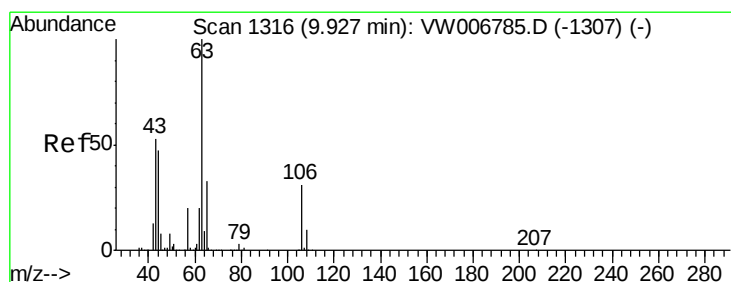
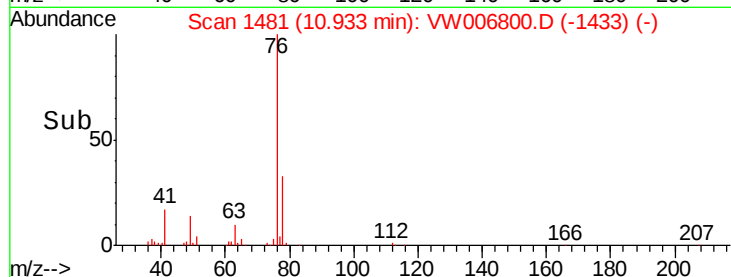
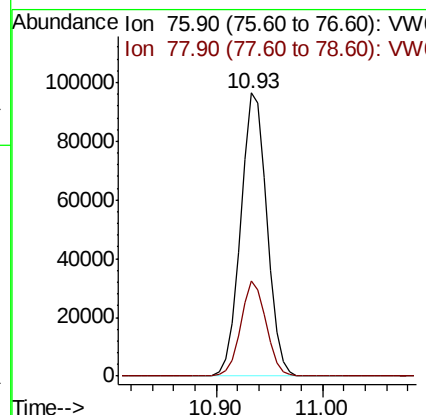
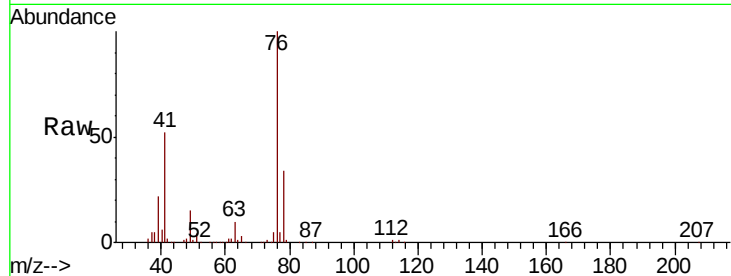
#57
 1,3-Dichloropropane
 Concen: 52.394 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 166847
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3

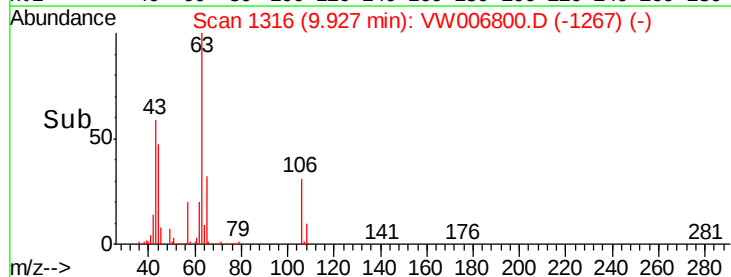
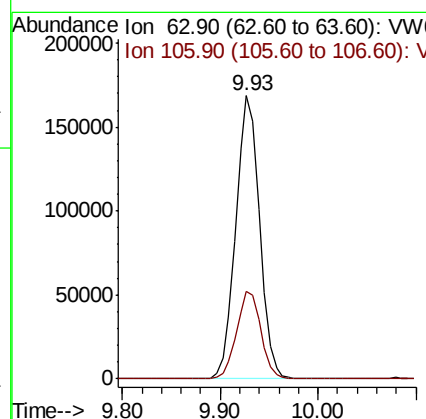
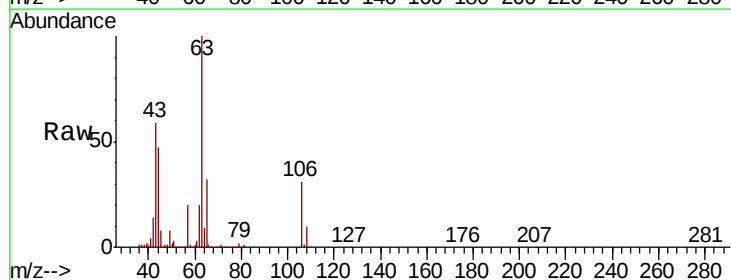
Manual Integrations
 APPROVED

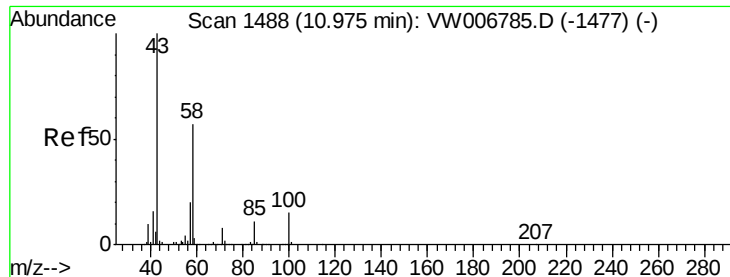
apatel
 11/12/2018 3:41:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.526 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 63 Resp: 284305
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.3 37.9





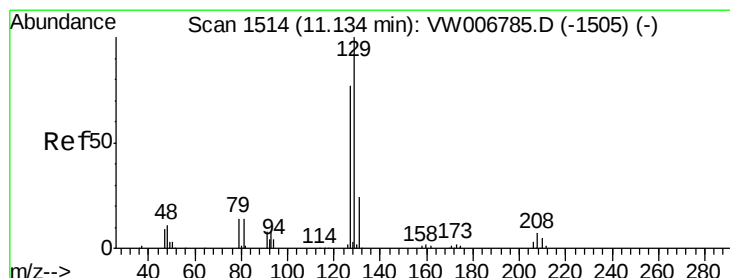
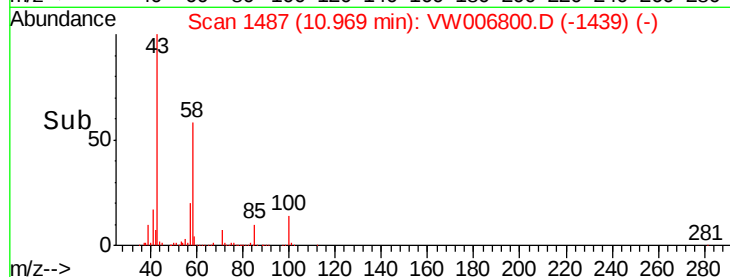
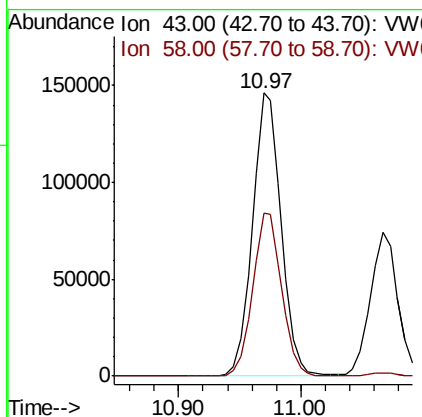
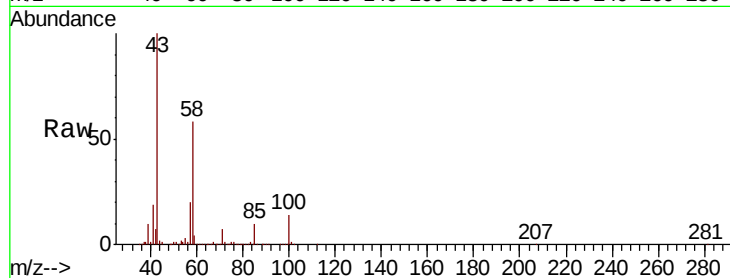
#59
2-Hexanone
Concen: 282.772 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	238043
Ion Ratio	100	Lower	Upper
43	100		
58	58.0	28.5	85.5

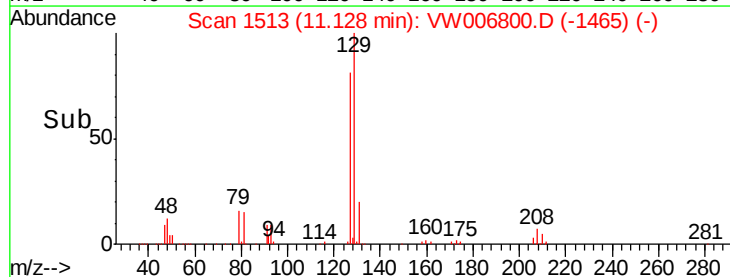
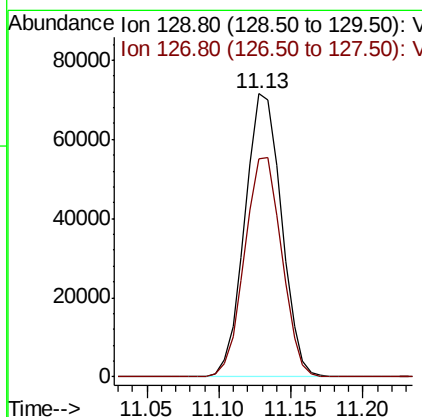
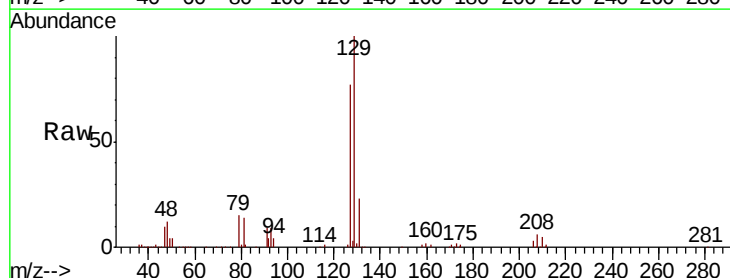
Manual Integrations
APPROVED

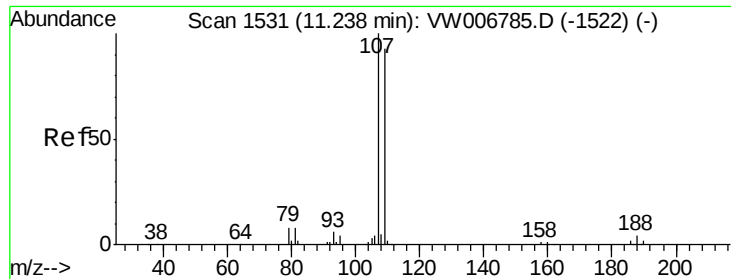
apatel
11/12/2018 3:41:31 PM



#60
Dibromochloromethane
Concen: 52.651 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	129	Resp	126070
Ion Ratio	100	Lower	Upper
129	100		
127	78.5	38.5	115.3





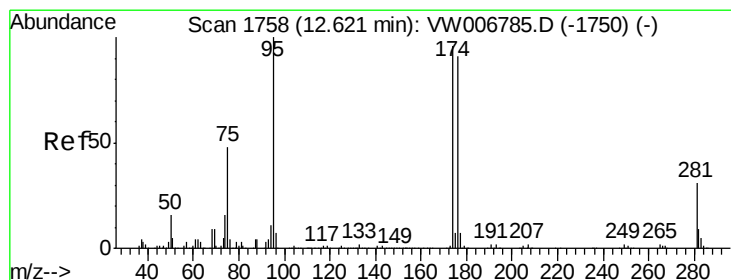
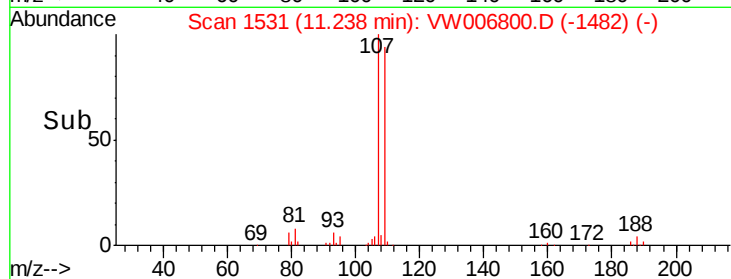
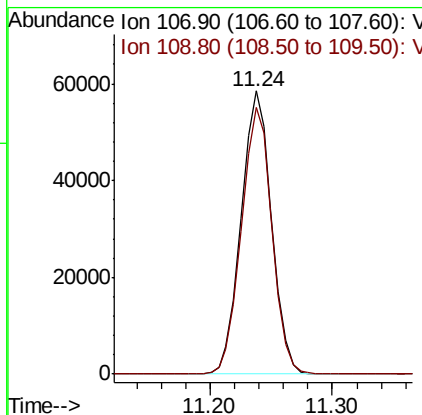
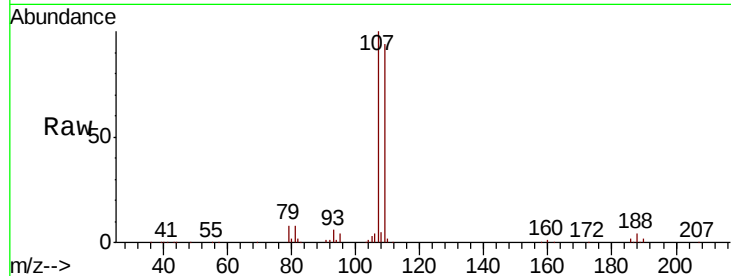
#61
 1,2-Dibromoethane
 Concen: 52.454 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.5	113.3

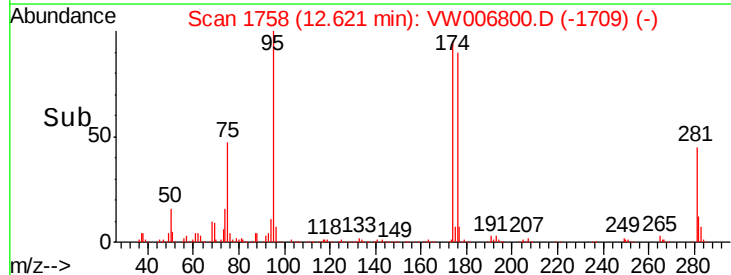
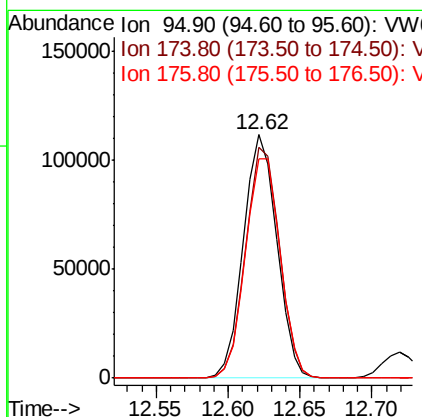
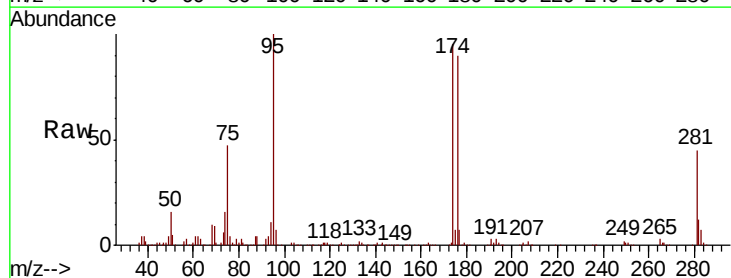
Manual Integrations
 APPROVED

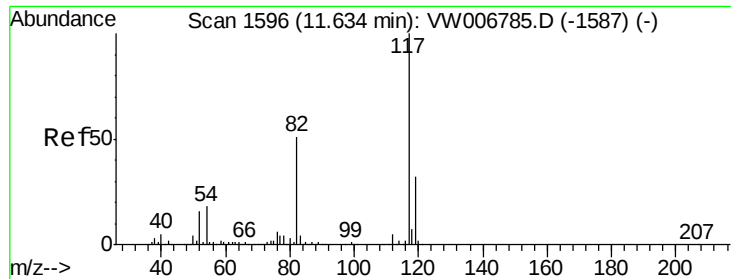
apatel
 11/12/2018 3:41:31 PM



#62
 4-Bromofluorobenzene
 Concen: 51.459 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	196.2
176	93.8	0.0	190.8





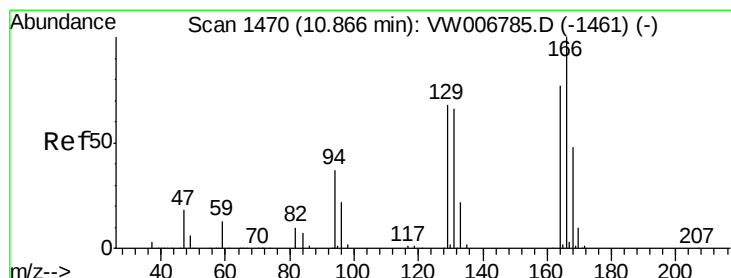
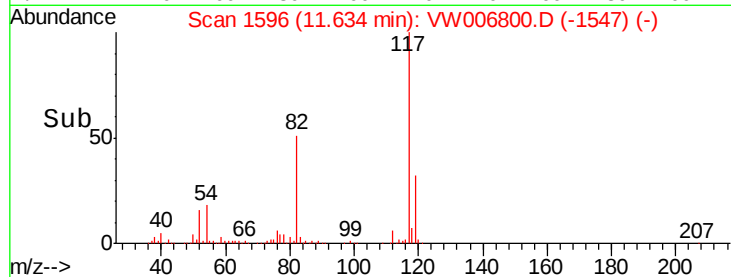
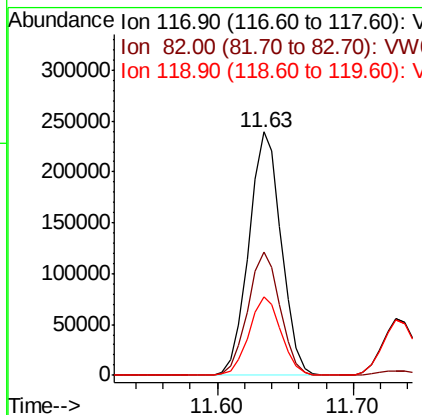
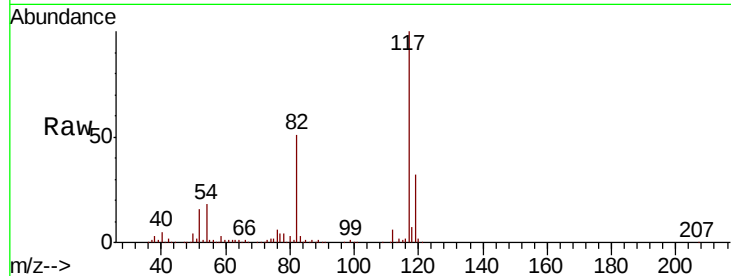
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399520		
82	50.8		40.9	61.3
119	32.5		25.8	38.8

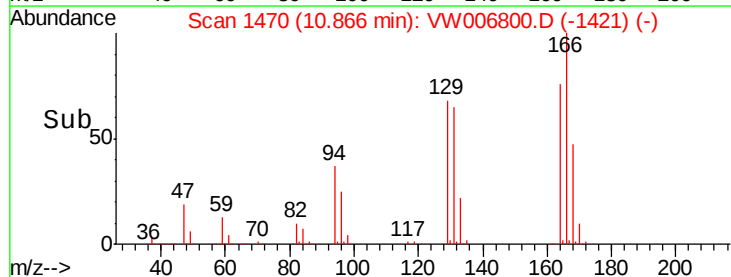
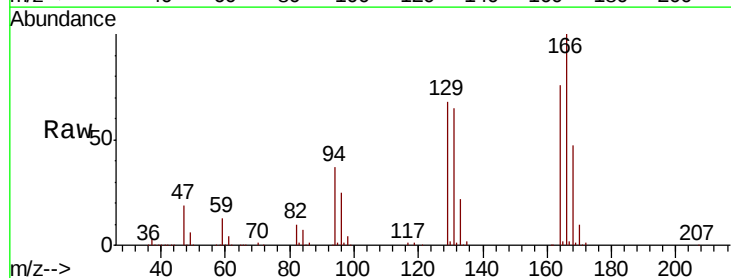
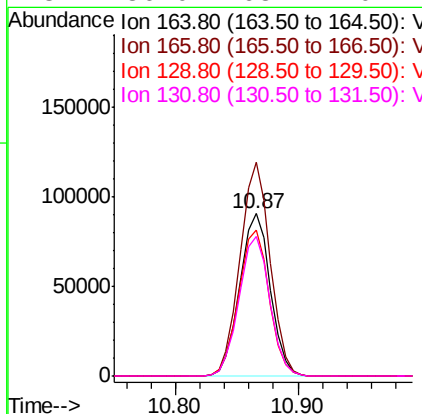
Manual Integrations
APPROVED

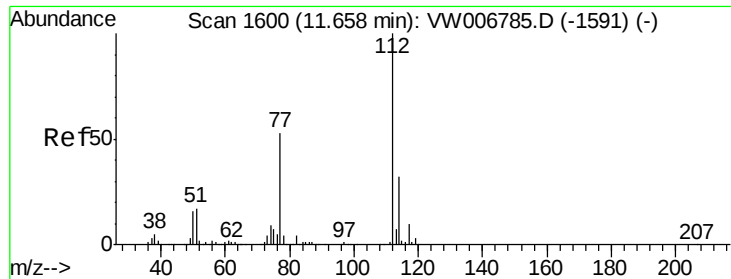
apatel
11/12/2018 3:41:31 PM



#64
Tetrachloroethene
Concen: 51.405 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	156831		
166	131.4		103.7	155.5
129	90.0		70.4	105.6
131	86.0		68.2	102.2





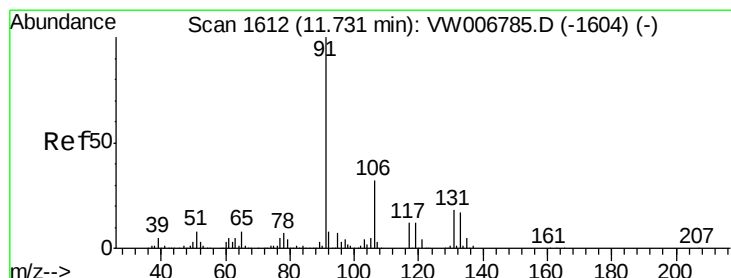
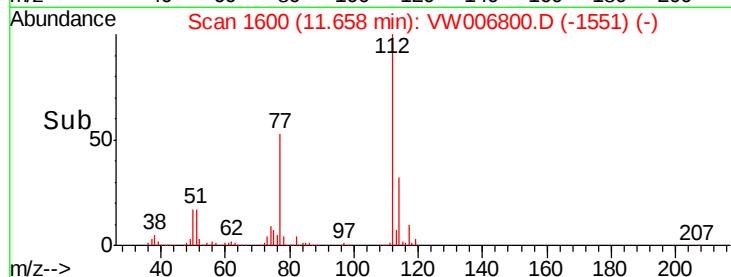
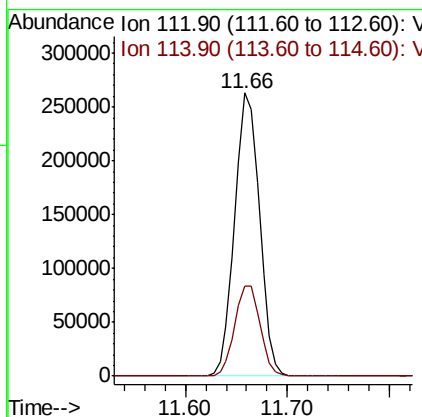
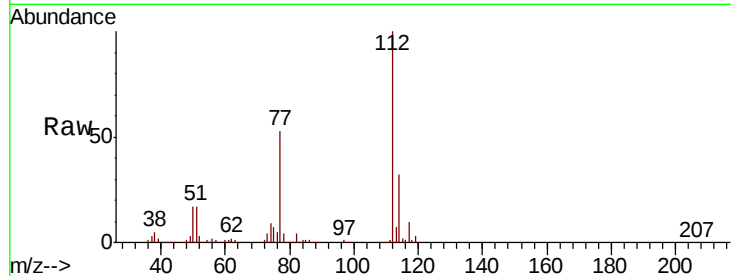
#65
Chlorobenzene
Concen: 52.084 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 442924
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

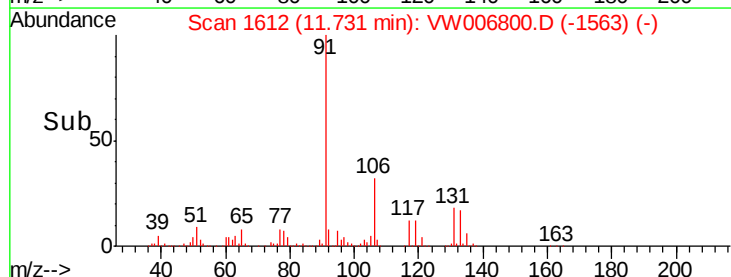
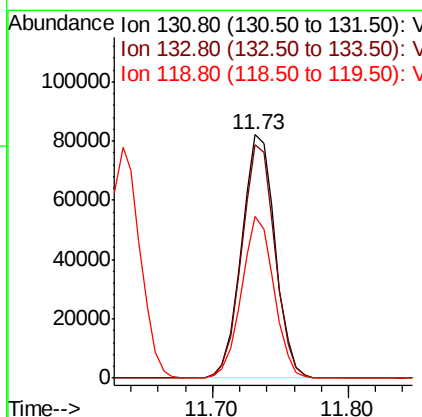
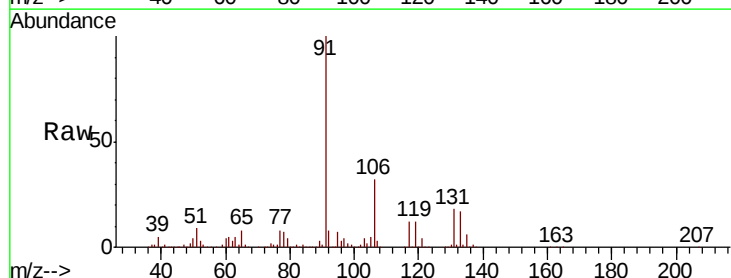
Manual Integrations
APPROVED

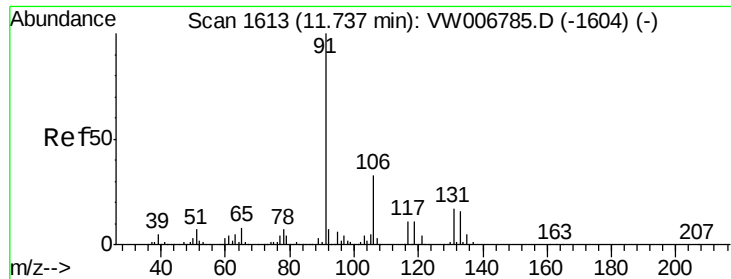
apatel
11/12/2018 3:41:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.833 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:131 Resp: 141204
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 64.3 32.3 96.8





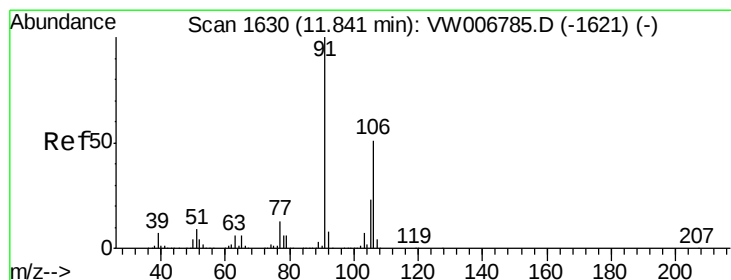
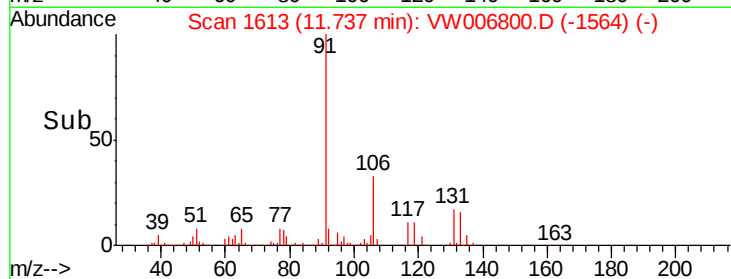
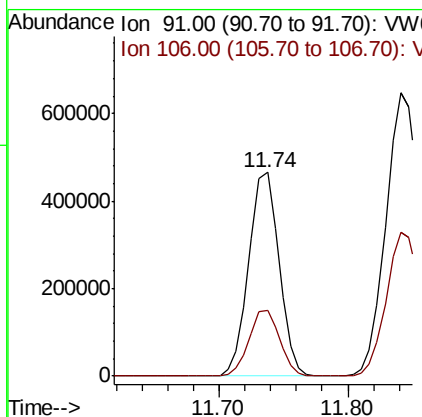
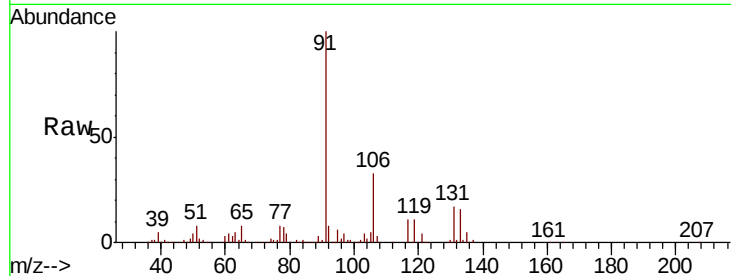
#67
Ethyl Benzene
Concen: 53.014 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.3	39.5

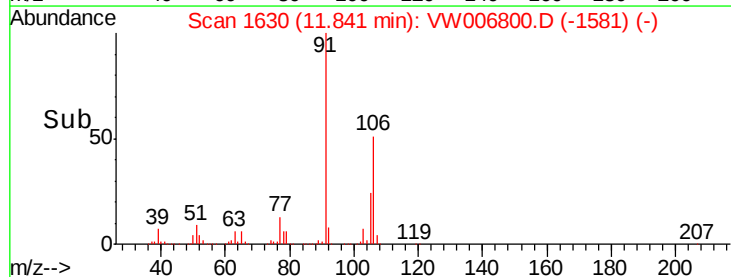
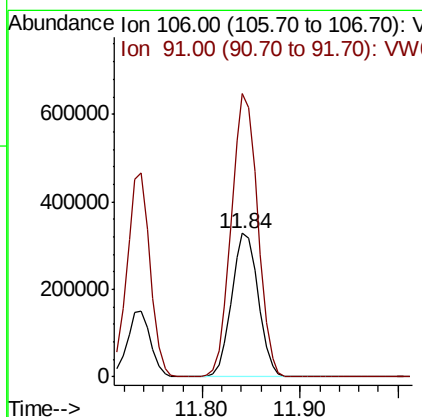
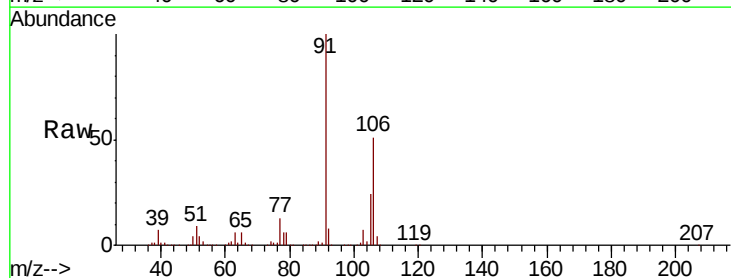
Manual Integrations
APPROVED

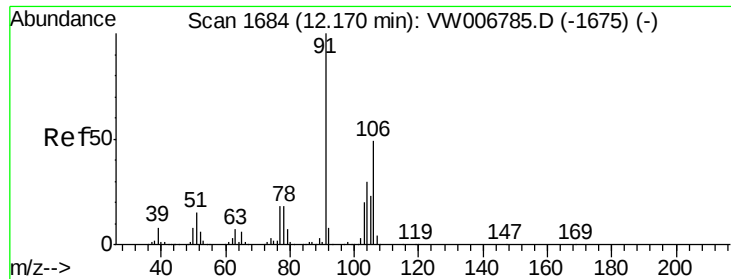
apatel
11/12/2018 3:41:31 PM



#68
m/p-Xylenes
Concen: 105.985 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.7	155.3	232.9





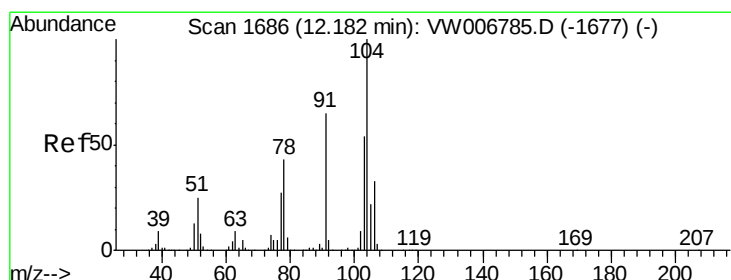
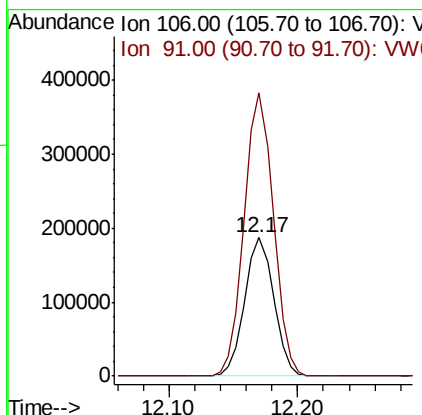
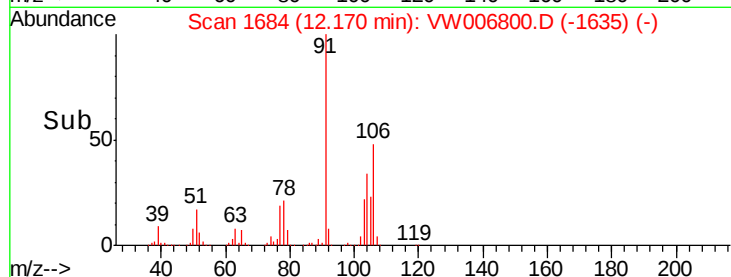
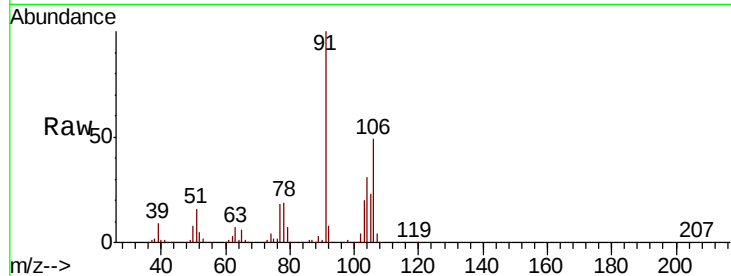
#69
o-Xylene
Concen: 54.466 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 292600
Ion Ratio Lower Upper
106 100
91 205.2 103.0 308.9

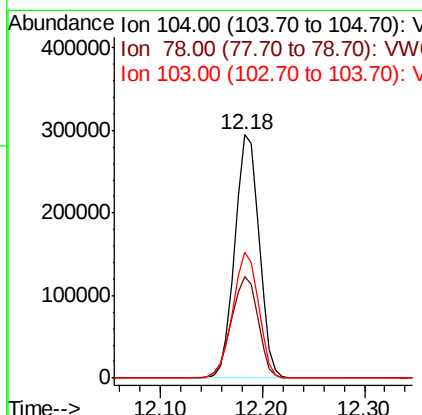
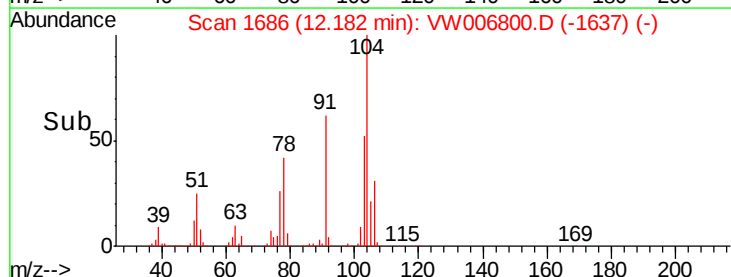
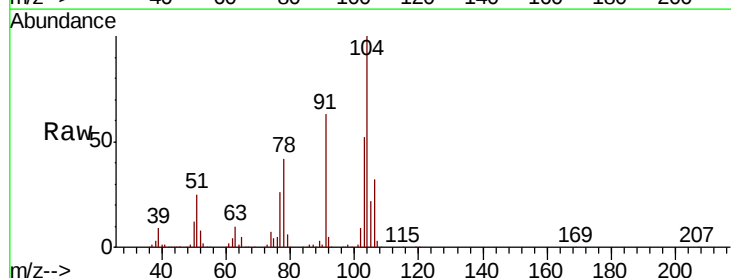
Manual Integrations
APPROVED

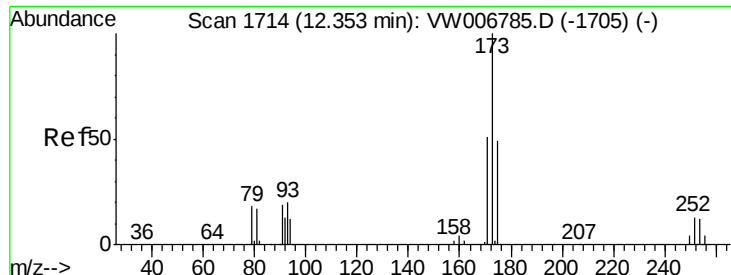
apatel
11/12/2018 3:41:31 PM



#70
Styrene
Concen: 55.460 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:104 Resp: 484273
Ion Ratio Lower Upper
104 100
78 45.9 37.1 55.7
103 55.0 44.4 66.6





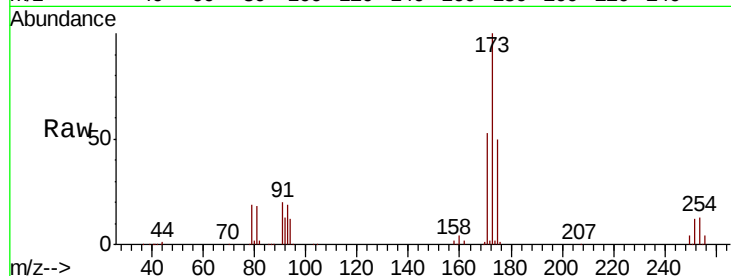
#71
Bromoform
Concen: 52.619 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.1	0.1	0.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM

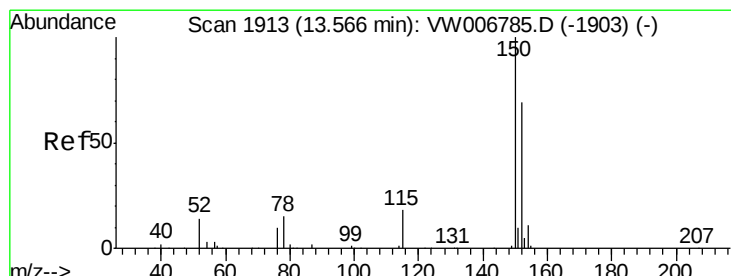
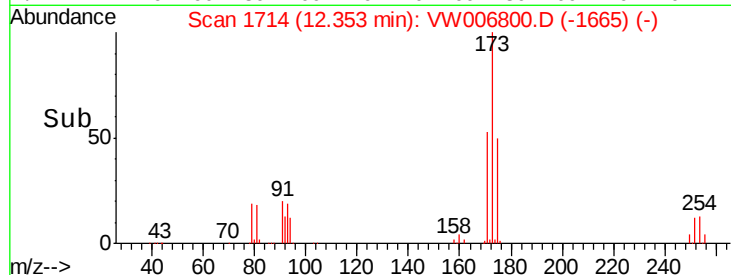
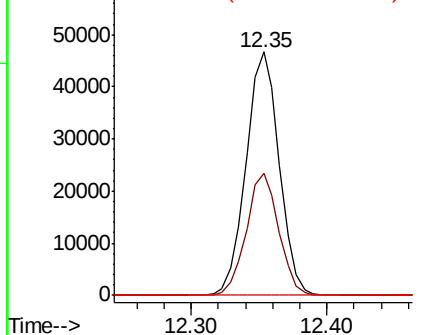


Abundance

Ion 172.70 (172.40 to 173.40): V

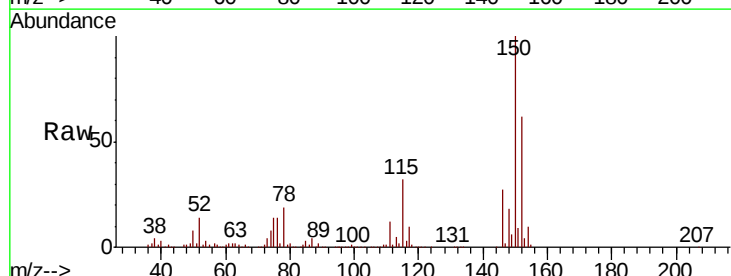
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.7	80.0
150	174.5	0.0	348.0

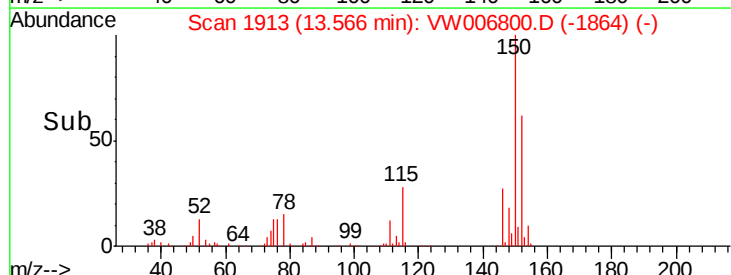
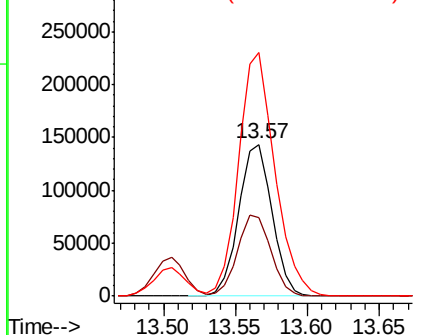


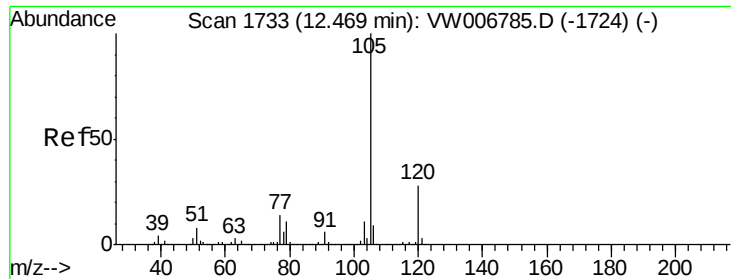
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.412 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 788788

Ion Ratio Lower Upper

105 100

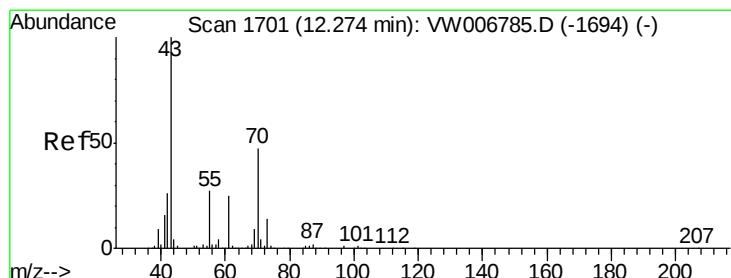
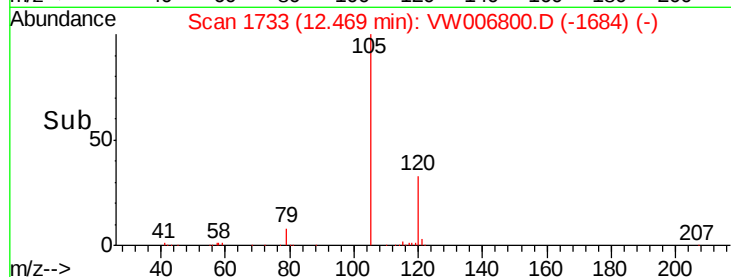
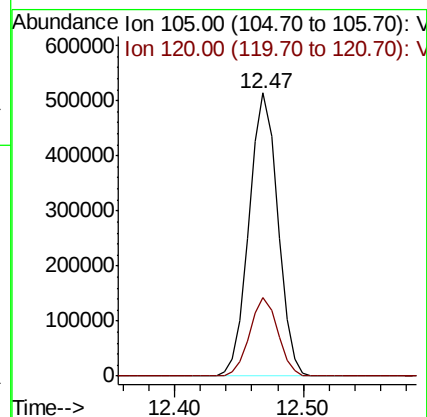
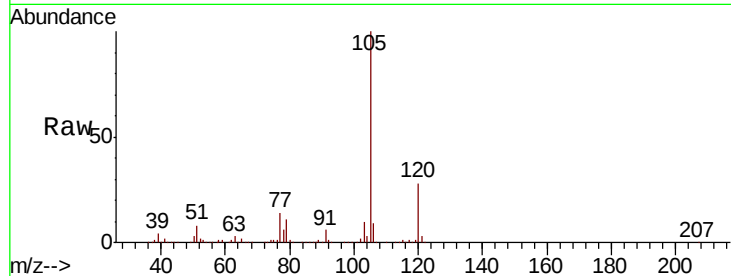
120 27.3 13.9 41.6

Manual Integrations

APPROVED

apatel

11/12/2018 3:41:31 PM



#74

N-ethyl acetate

Concen: 55.315 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion: 43 Resp: 133152

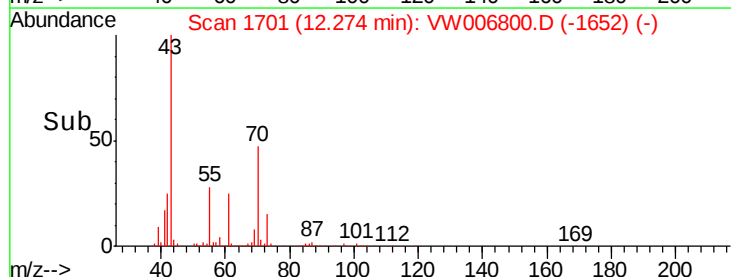
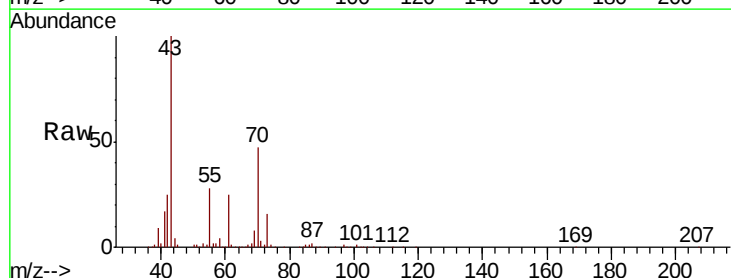
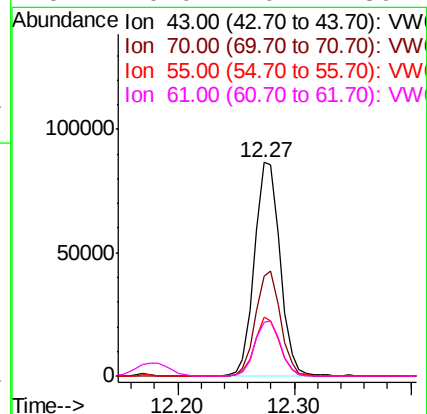
Ion Ratio Lower Upper

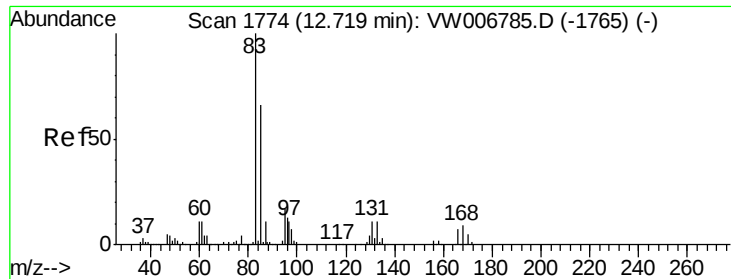
43 100

70 48.2 38.3 57.5

55 27.3 22.3 33.5

61 26.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.354 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 117388

Ion Ratio Lower Upper

83 100

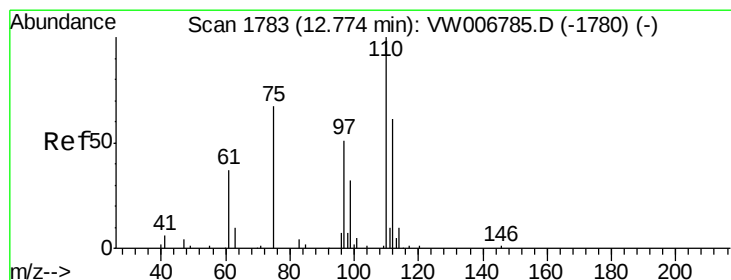
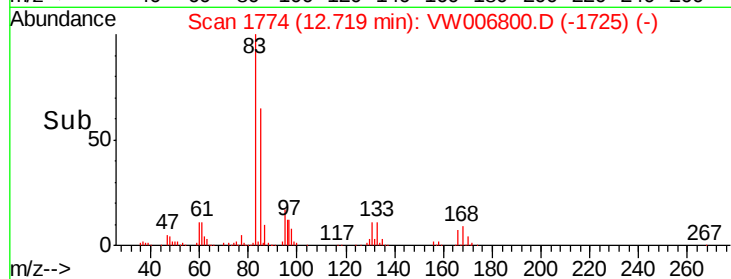
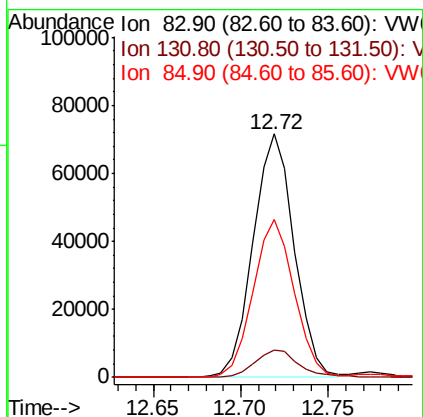
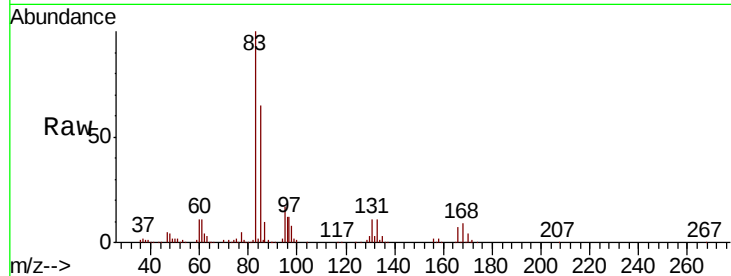
131 12.0 6.0 18.0

85 64.9 32.3 96.8

Manual Integrations
APPROVED

apatel

11/12/2018 3:41:31 PM



#76

1,2,3-Trichloropropane

Concen: 42.789 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006800.D

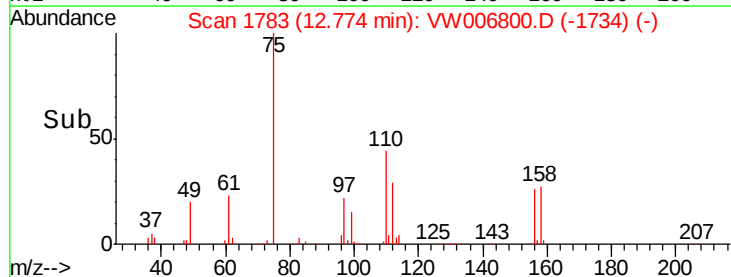
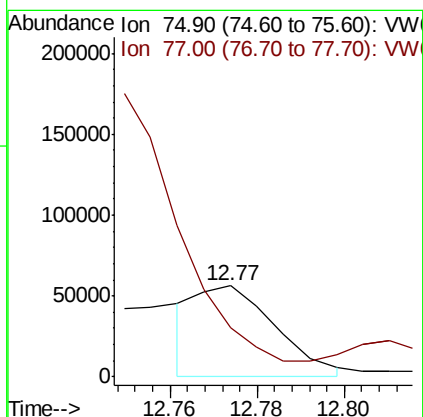
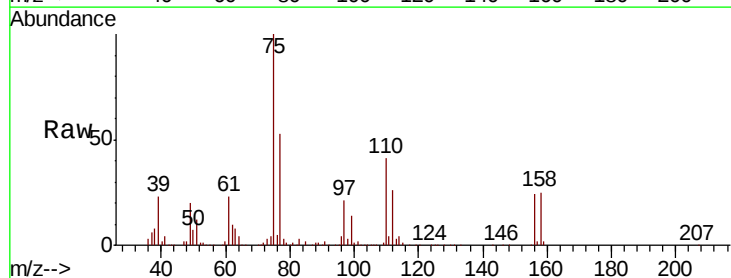
Acq: 09 Nov 2018 21:57

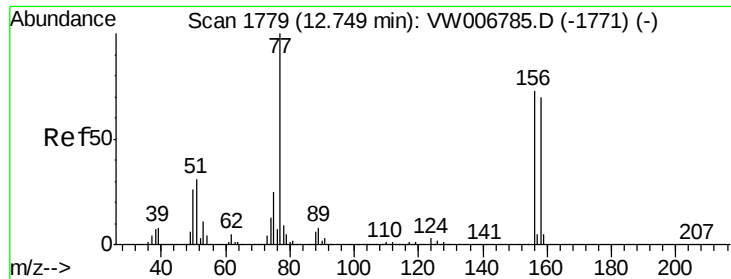
Tgt Ion: 75 Resp: 71622

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





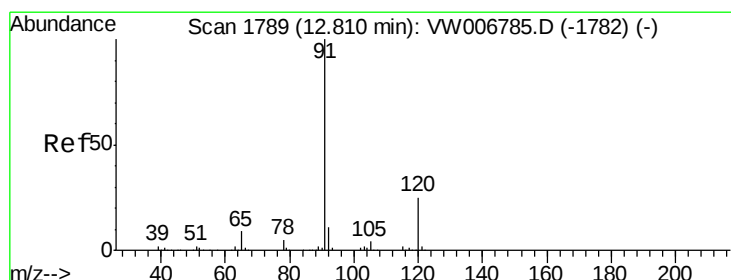
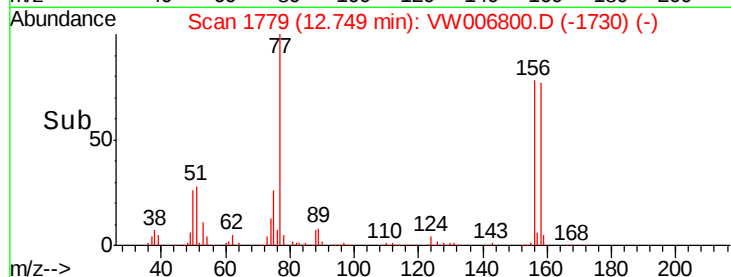
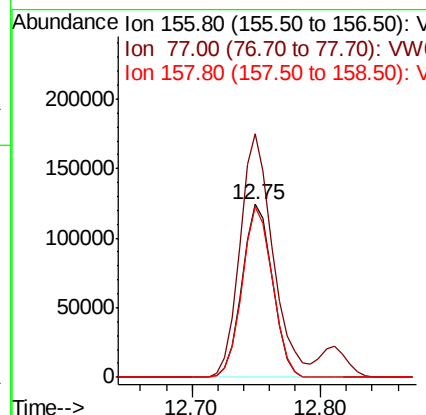
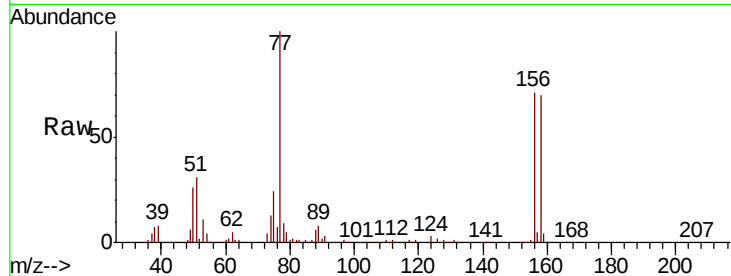
#77
Bromobenzene
Concen: 53.014 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.0	75.4	226.3
158	98.4	48.7	146.1

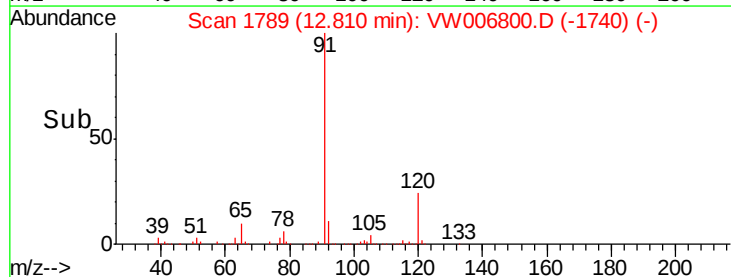
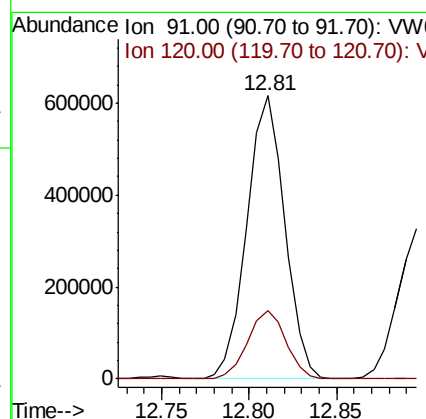
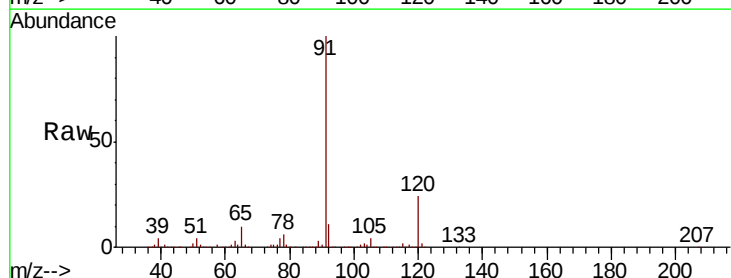
Manual Integrations
APPROVED

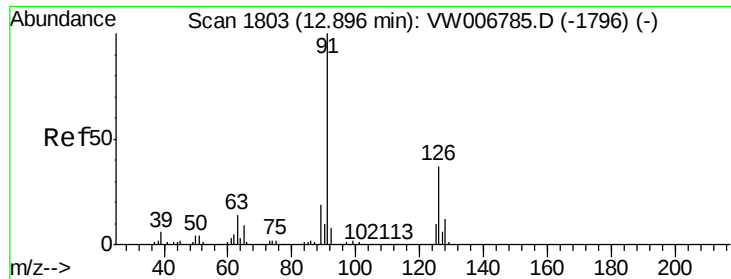
apatel
11/12/2018 3:41:31 PM



#78
n-propylbenzene
Concen: 52.882 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.0





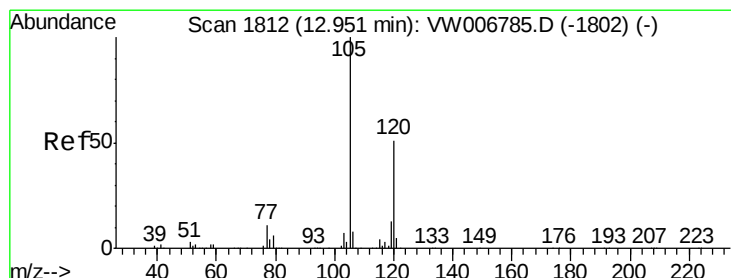
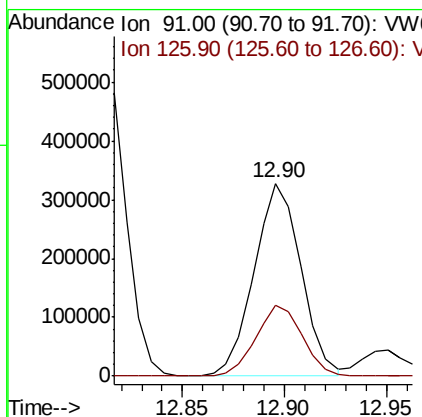
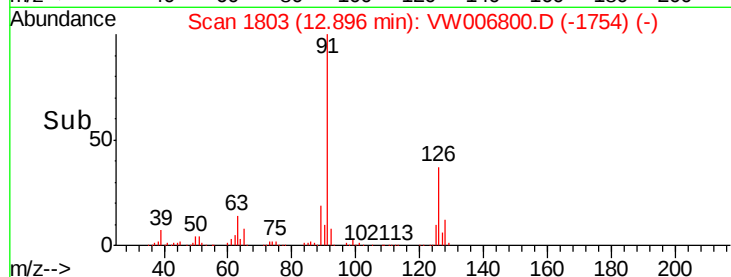
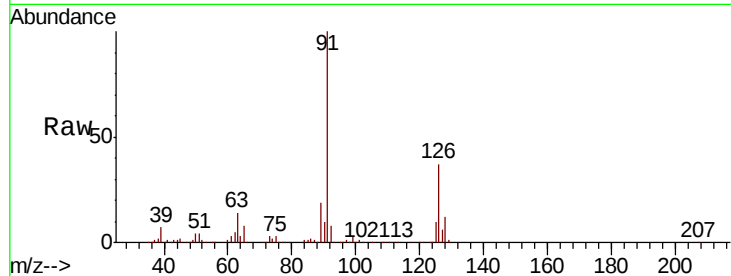
#79
 2-Chlorotoluene
 Concen: 53.010 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 524011
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2

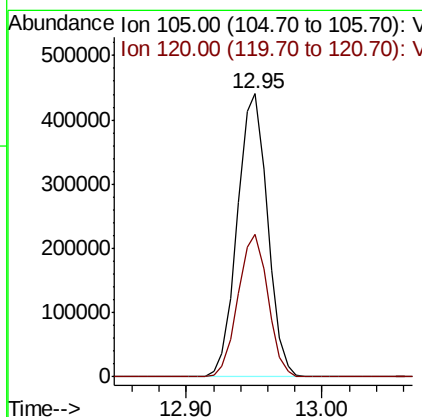
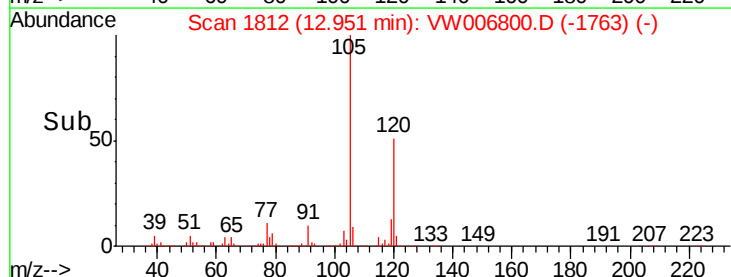
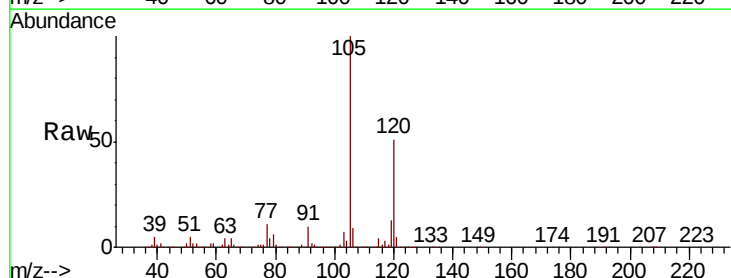
Manual Integrations
 APPROVED

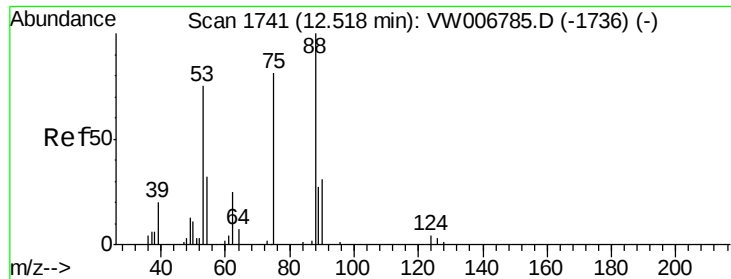
apatel
 11/12/2018 3:41:31 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.294 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 105 Resp: 681930
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.4 76.0





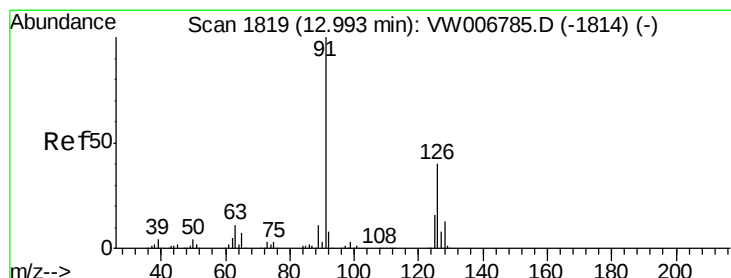
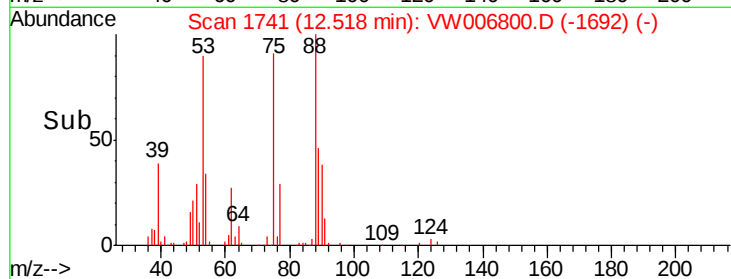
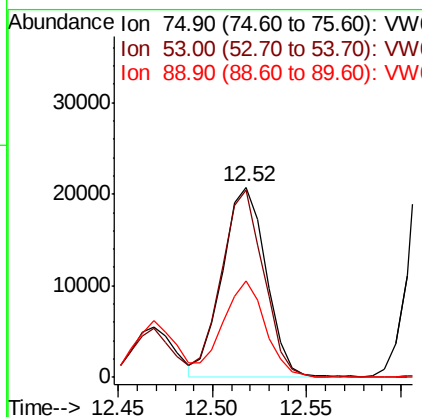
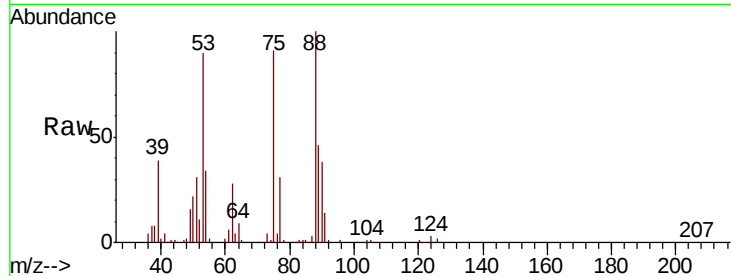
#81
trans-1,4-Dichloro-2-butene
Concen: 52.789 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	74.0	111.0
89	48.6	38.1	57.1

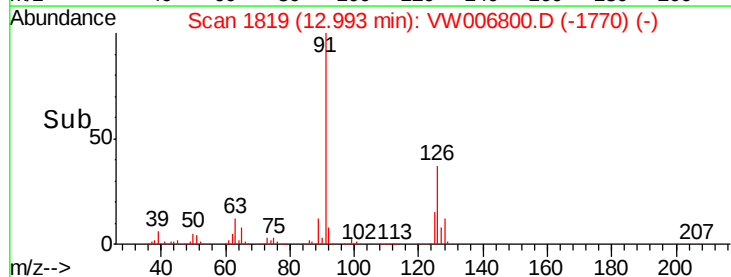
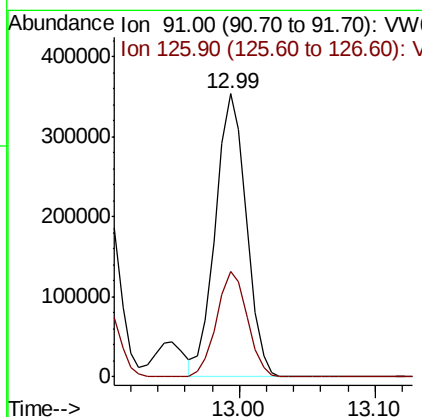
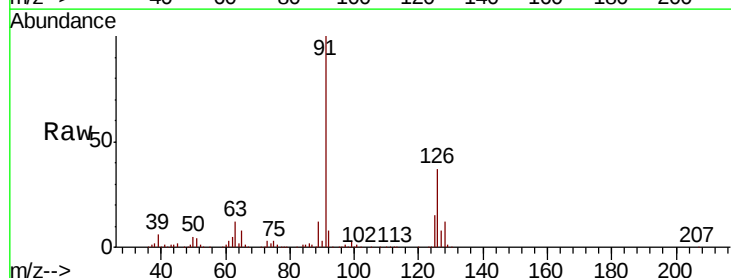
Manual Integrations
APPROVED

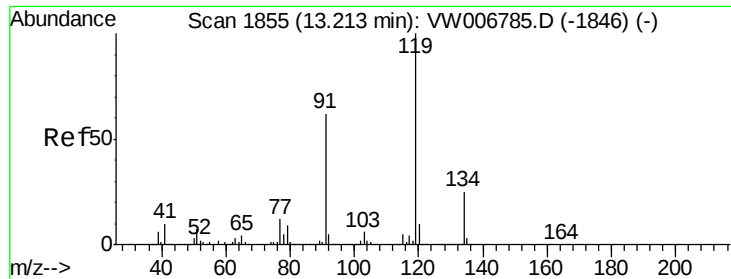
apatel
11/12/2018 3:41:31 PM



#82
4-Chlorotoluene
Concen: 52.772 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.6	55.6





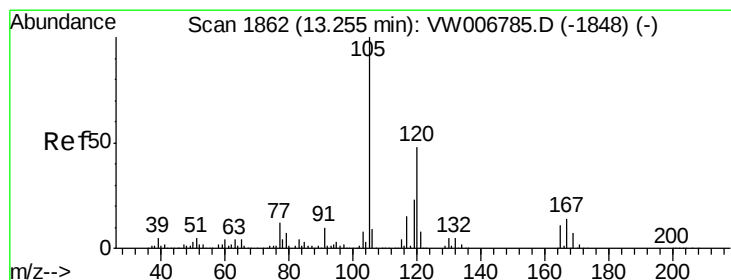
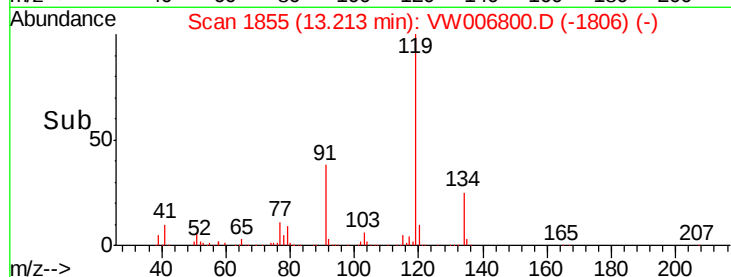
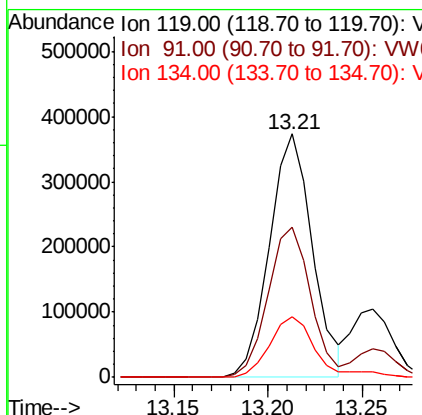
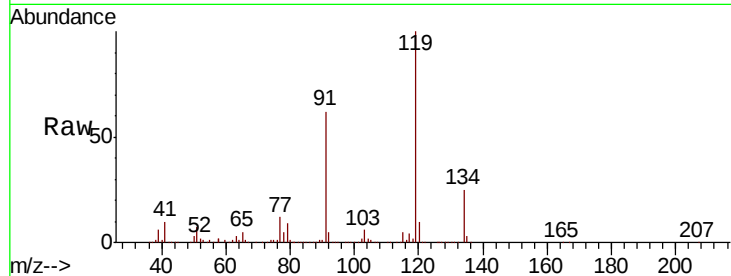
#83
tert-Butylbenzene
Concen: 53.382 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.4	91.2
134	27.0	13.6	40.7

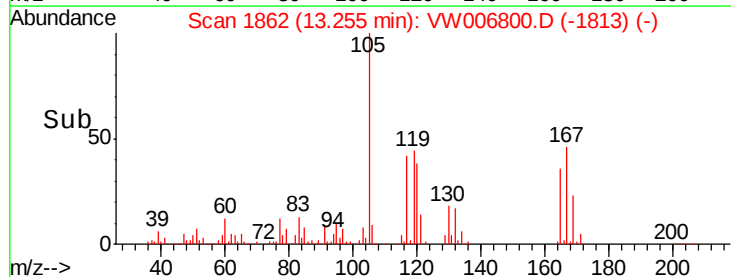
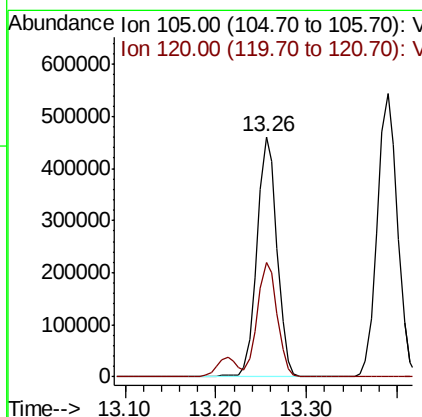
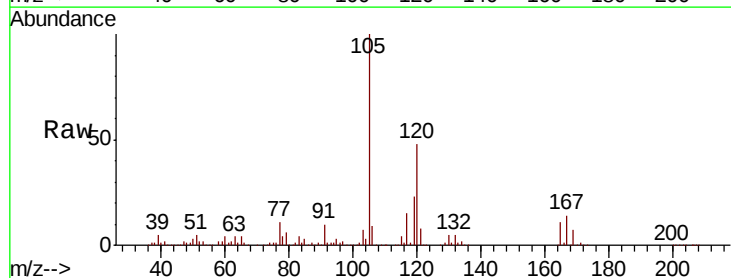
Manual Integrations
APPROVED

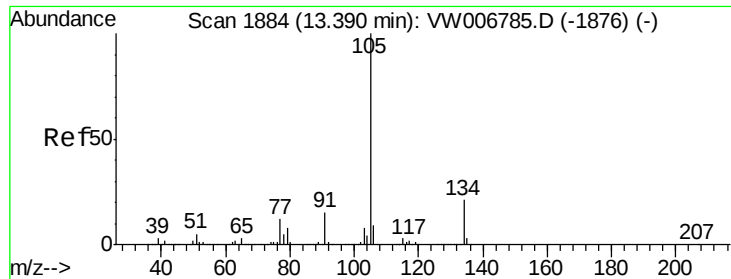
apatel
11/12/2018 3:41:31 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.750 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





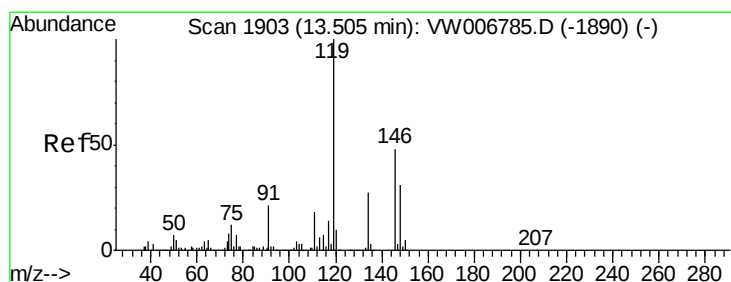
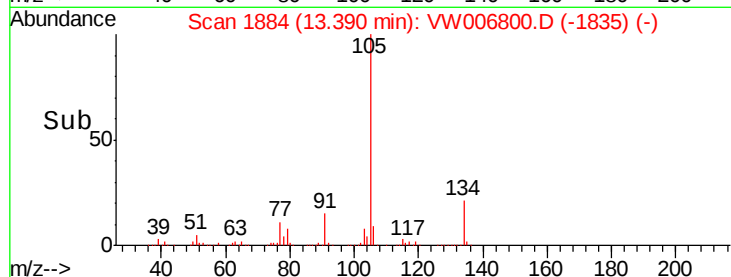
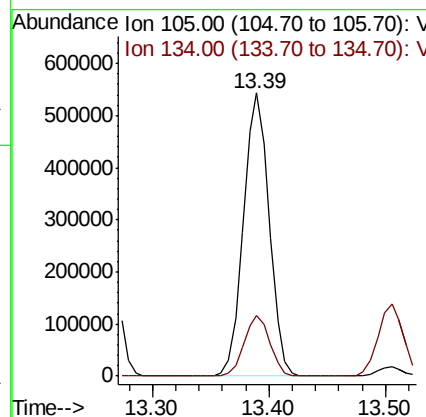
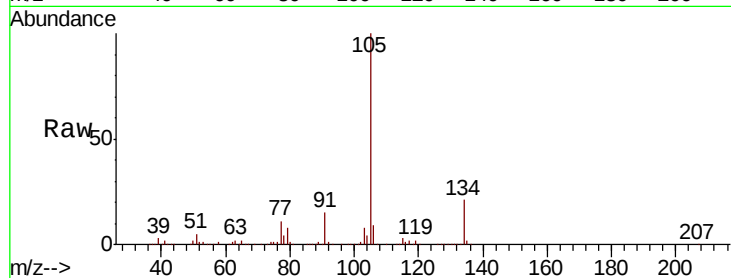
#85
 sec-Butylbenzene
 Concen: 52.914 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1

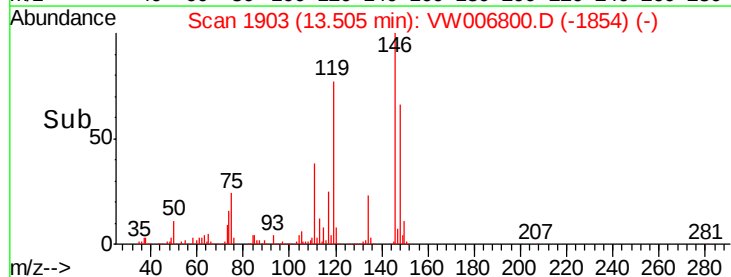
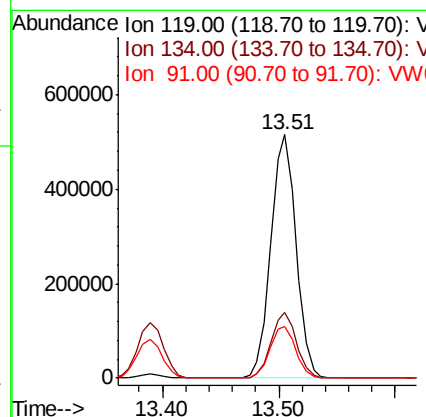
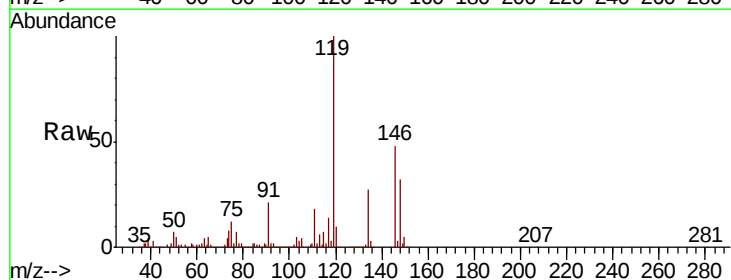
Manual Integrations
 APPROVED

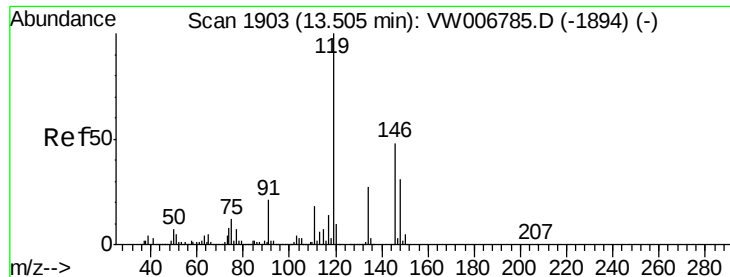
apatel
 11/12/2018 3:41:31 PM



#86
 p-Isopropyltoluene
 Concen: 53.831 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	21.7	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 52.358 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

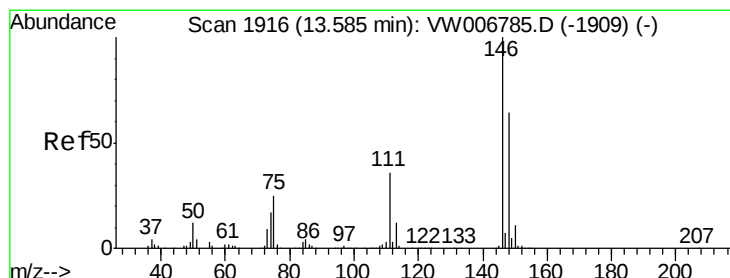
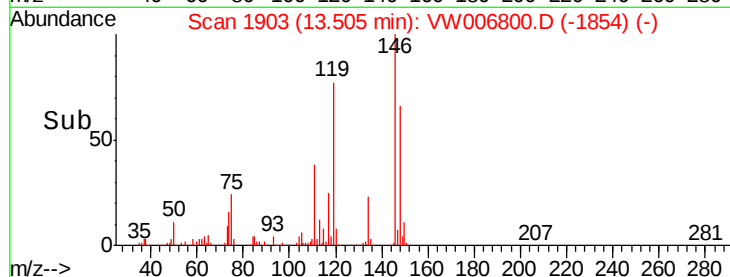
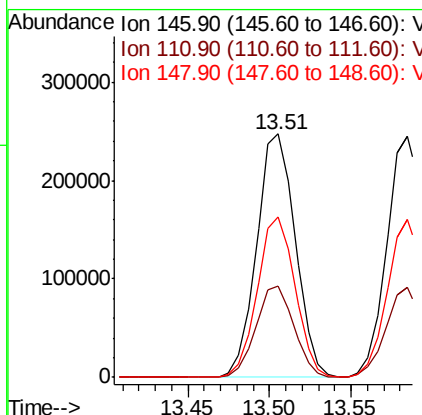
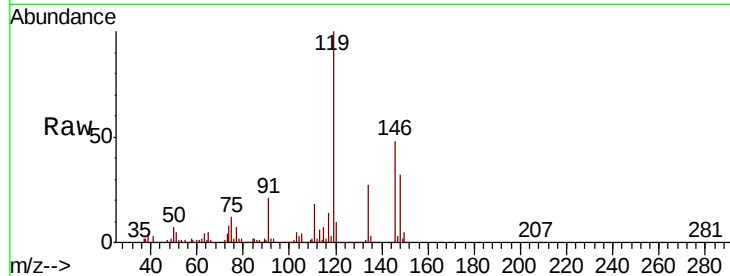
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	64.5	31.9	95.9

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#88

1,4-Dichlorobenzene

Concen: 51.843 ug/l

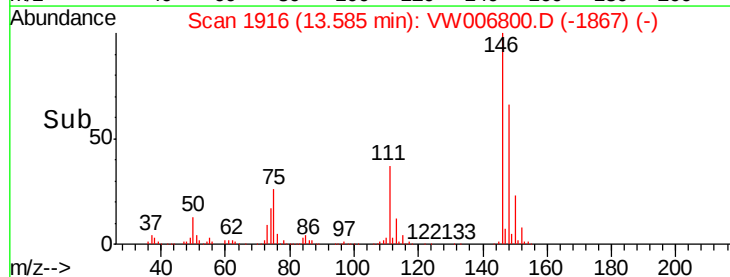
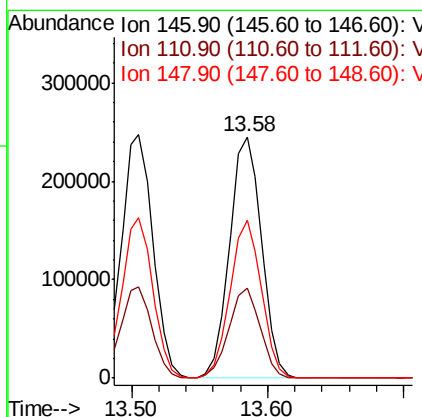
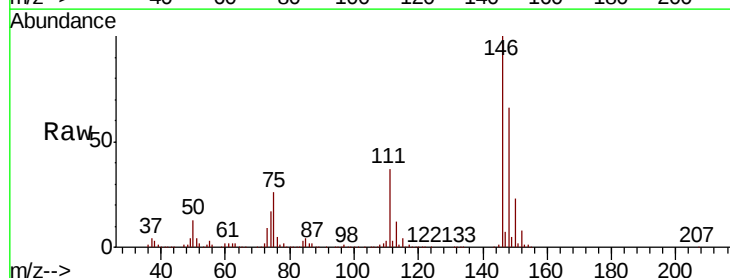
RT: 13.58 min Scan# 1916

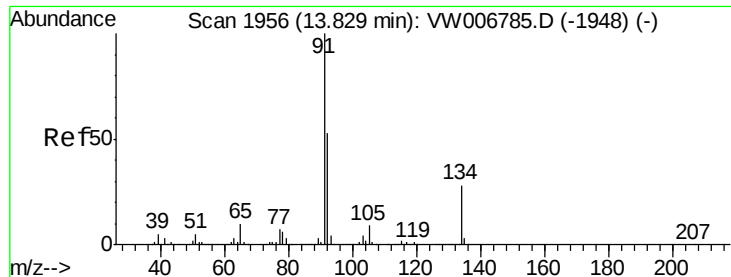
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.0	32.2	96.6





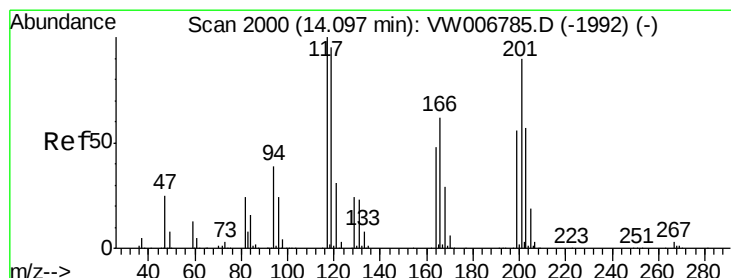
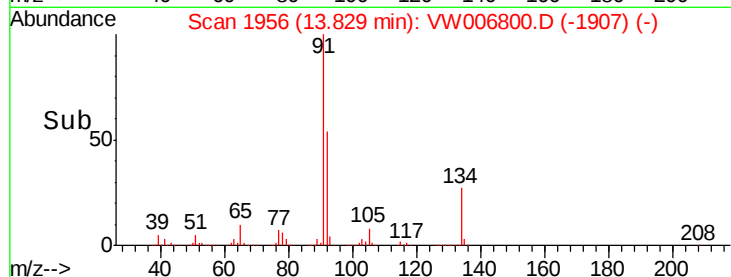
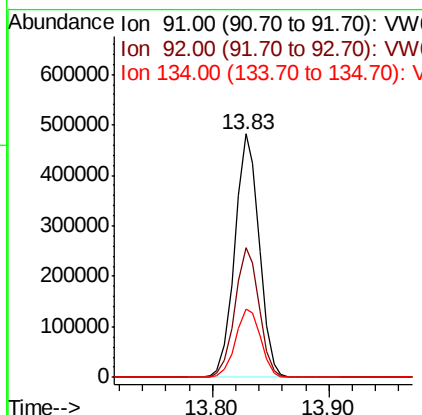
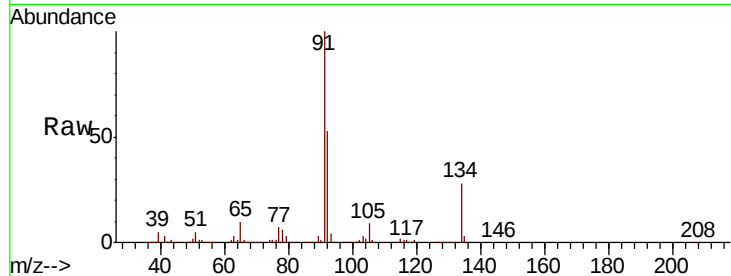
#89
n-Butylbenzene
Concen: 52.641 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.1	78.2
134	28.9	14.2	42.8

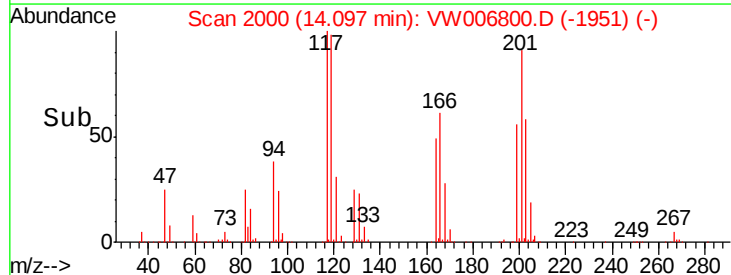
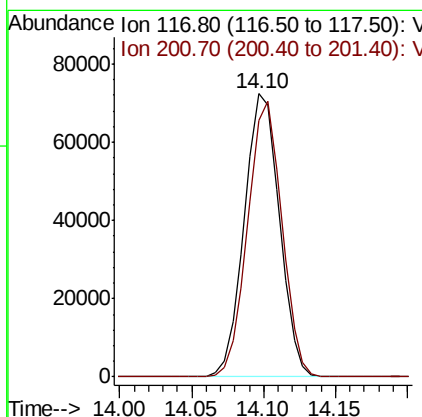
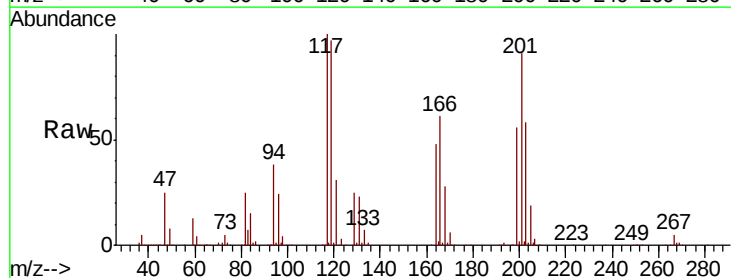
Manual Integrations
APPROVED

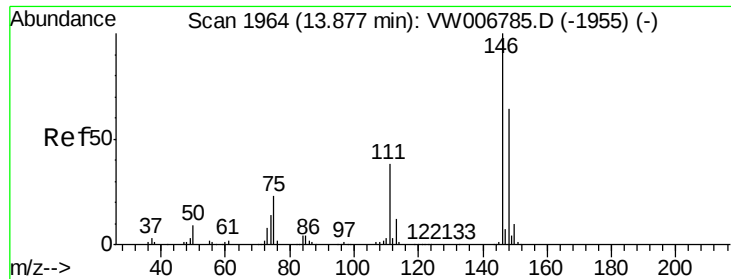
apatel
11/12/2018 3:41:31 PM



#90
Hexachloroethane
Concen: 54.007 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.7	47.0	141.2





#91

1,2-Dichlorobenzene

Concen: 53.269 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

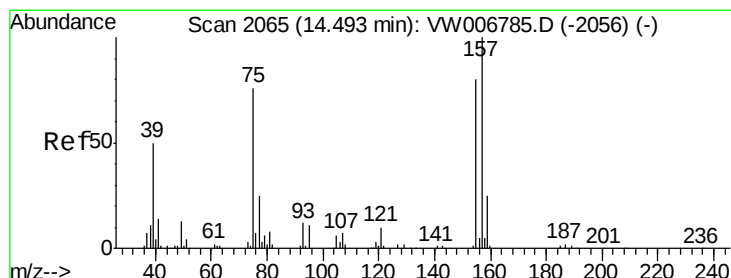
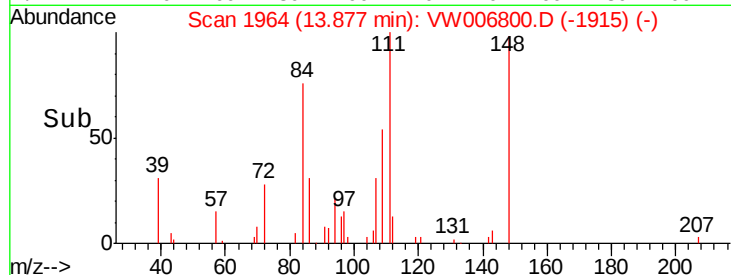
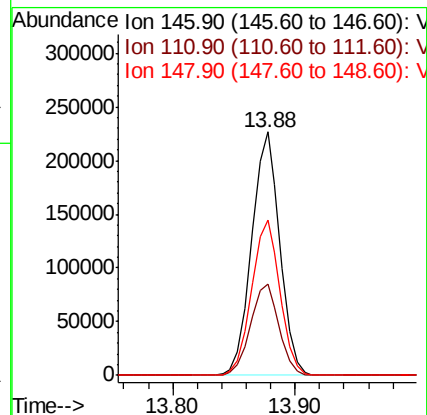
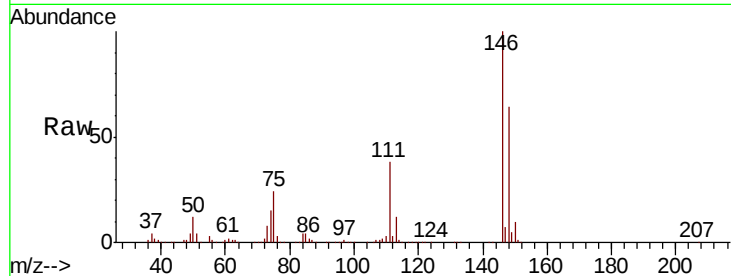
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	361517
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.1	57.3
148	64.2	32.0	96.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.137 ug/l

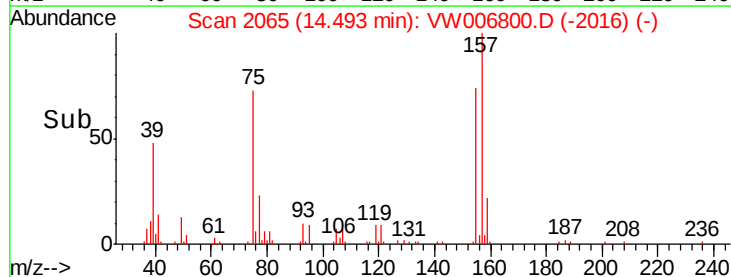
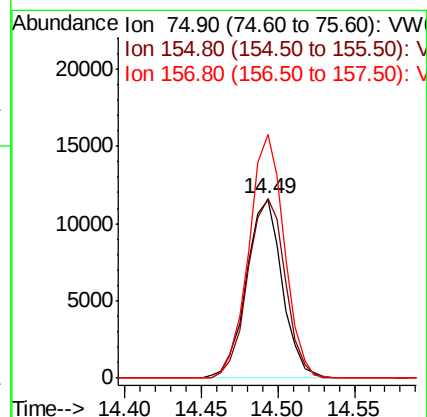
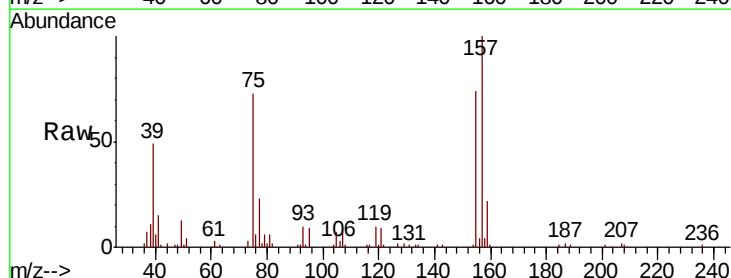
RT: 14.49 min Scan# 2065

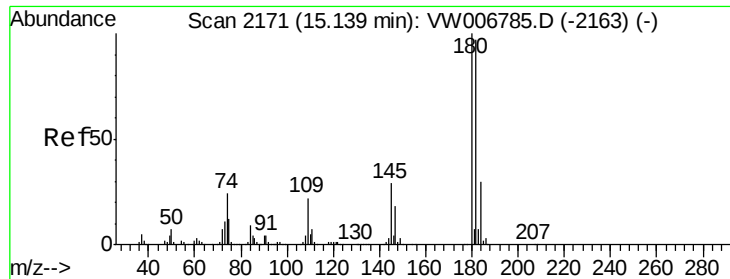
Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion:	75	Resp:	18878
Ion Ratio	Lower	Upper	
75	100		
155	104.5	51.0	153.1
157	134.3	65.5	196.5





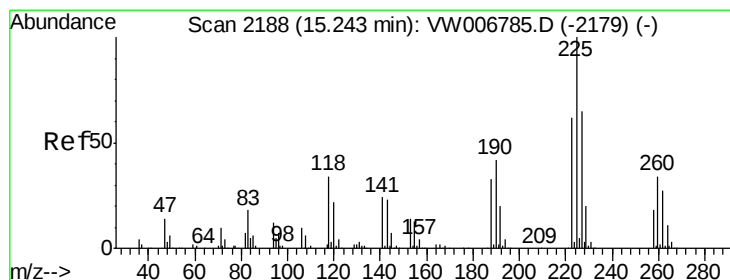
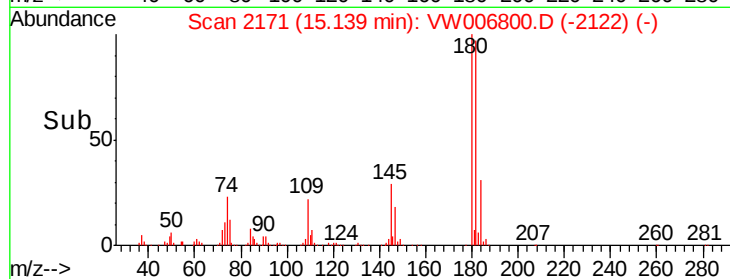
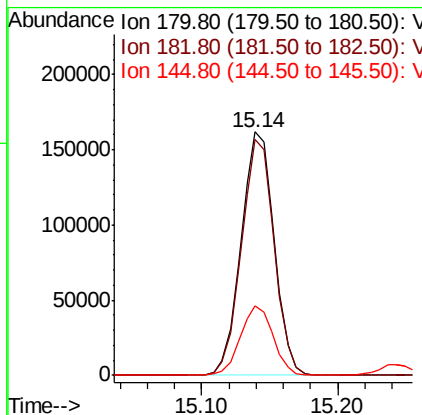
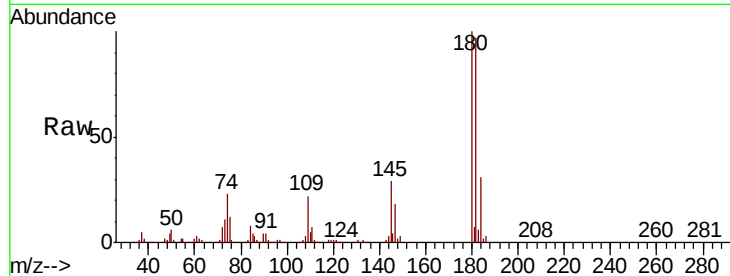
#93
 1,2,4-Trichlorobenzene
 Concen: 54.559 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	274108		
182	95.9	47.9	143.8	
145	28.3	14.1	42.3	

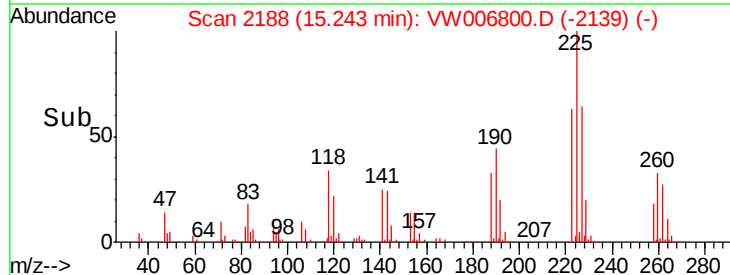
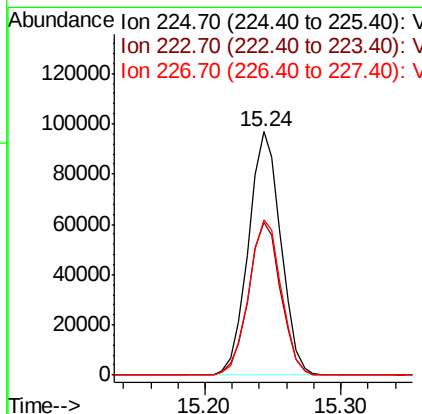
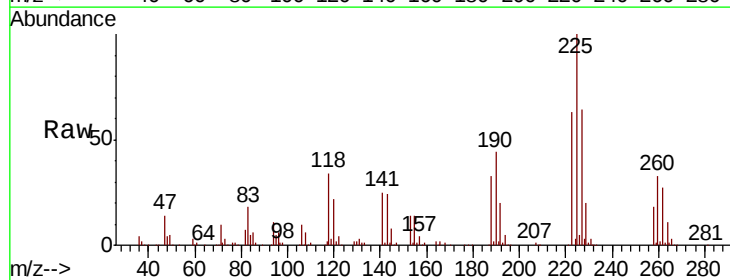
Manual Integrations
 APPROVED

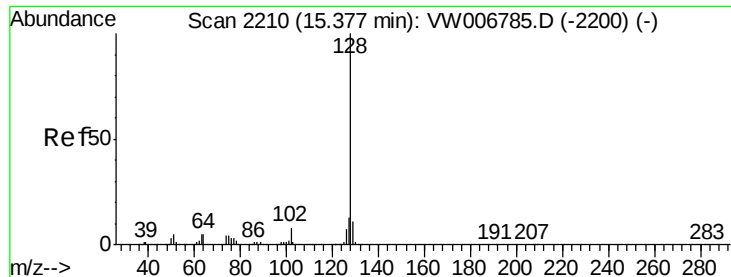
apatel
 11/12/2018 3:41:31 PM



#94
 Hexachlorobutadiene
 Concen: 51.011 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161288		
223	62.7	30.9	92.5	
227	63.8	31.9	95.7	





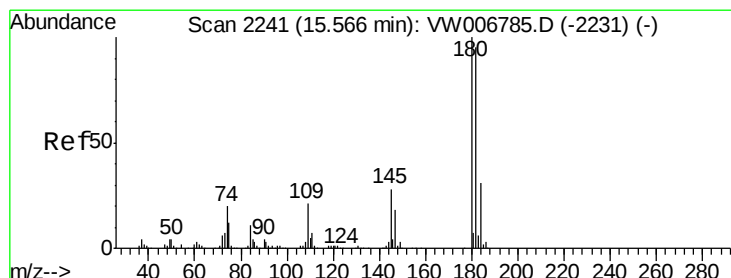
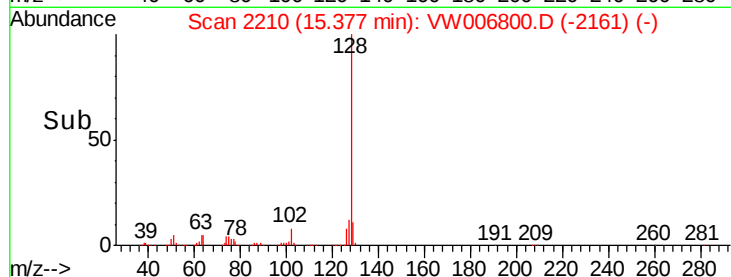
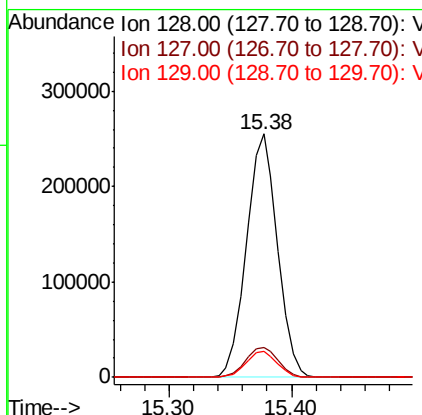
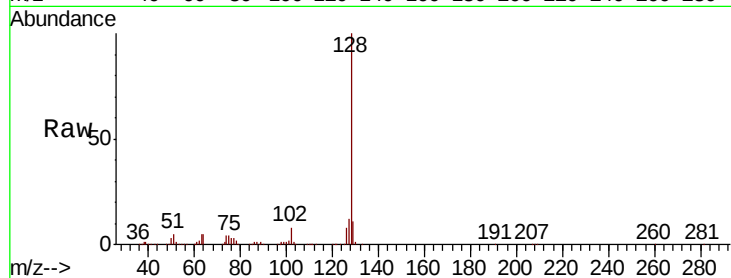
#95
Naphthalene
Concen: 58.302 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

apatel
11/12/2018 3:41:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.641 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	29.6	14.5	43.6

