

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007040.D
 Acq On : 14 Jan 2019 15:36
 Operator : JC/SP
 Sample : K1133-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:21 AM

Quant Time: Jan 15 00:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	524730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	778171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	728722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	272945	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.51	113	247955	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	925684	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	338667	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	221524	51.409	ug/l	98
3) Chloromethane	1.33	50	258463	51.524	ug/l	98
4) Vinyl Chloride	1.41	62	529227	98.076	ug/l	99
5) Bromomethane	1.64	94	274925	47.687	ug/l	96
6) Chloroethane	1.72	64	175912	46.688	ug/l	99
7) Trichlorofluoromethane	1.93	101	431653	49.508	ug/l	99
8) Diethyl Ether	2.19	74	169824	48.959	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	252047	48.286	ug/l	99
10) Methyl Iodide	2.51	142	404769	57.486	ug/l	99
11) Tert butyl alcohol	3.07	59	306289	236.771	ug/l	100
12) 1,1-Dichloroethene	2.37	96	234312	48.586	ug/l	98
13) Acrolein	2.30	56	134102	240.482	ug/l	96
14) Allyl chloride	2.73	41	414365	50.134	ug/l	99
15) Acrylonitrile	3.15	53	759773	255.845	ug/l	100
16) Acetone	2.45	43	641768	236.723	ug/l	99
17) Carbon Disulfide	2.57	76	592934	47.754	ug/l	99
18) Methyl Acetate	2.78	43	395386	50.361	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	840899	50.236	ug/l	99
20) Methylene Chloride	2.86	84	270725	52.531	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	259012	48.194	ug/l	97
22) Diisopropyl ether	3.87	45	767908	49.420	ug/l	93
23) Vinyl Acetate	3.82	43	3233870	246.788	ug/l	99
24) 1,1-Dichloroethane	3.70	63	438087	50.421	ug/l	99
25) 2-Butanone	4.70	43	965768	248.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	307018	45.953	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	470836	79.425	ug/l	98
28) Bromochloromethane	5.02	49	191280	50.248	ug/l	96
29) Tetrahydrofuran	5.15	42	629320	249.636	ug/l	97
30) Chloroform	5.21	83	448273	49.278	ug/l	98
31) Cyclohexane	5.58	56	375133	48.510	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	384565	49.875	ug/l	99
36) 1,1-Dichloropropene	5.80	75	321286	47.488	ug/l	100
37) Ethyl Acetate	4.86	43	360759	49.737	ug/l	98
38) Carbon Tetrachloride	5.78	117	333469	48.989	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007040.D
 Acq On : 14 Jan 2019 15:36
 Operator : JC/SP
 Sample : K1133-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:21 AM

Quant Time: Jan 15 00:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408021	47.306	ug/l	97
40) Benzene	6.15	78	1056985	51.201	ug/l	100
41) Methacrylonitrile	5.06	41	202057	48.357	ug/l	98
42) 1,2-Dichloroethane	6.20	62	350119	49.080	ug/l	99
43) Isopropyl Acetate	6.46	43	582754	50.935	ug/l	98
44) Trichloroethene	7.21	130	288854	46.694	ug/l	99
45) 1,2-Dichloropropane	7.52	63	251674	48.493	ug/l	100
46) Dibromomethane	7.66	93	182027	49.905	ug/l	99
47) Bromodichloromethane	7.90	83	323324	52.077	ug/l	97
48) Methyl methacrylate	7.77	41	300762	51.190	ug/l	97
49) 1,4-Dioxane	7.75	88	119416	889.038	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1966396	267.438	ug/l	99
52) Toluene	8.79	92	659862	49.732	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	362933	52.718	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	386955	50.896	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	274370	51.662	ug/l	98
56) Ethyl methacrylate	9.18	69	420445	54.229	ug/l	97
57) 1,3-Dichloropropane	9.37	76	442220	50.826	ug/l	99
59) 2-Hexanone	9.49	43	1485892	265.187	ug/l	99
60) Dibromochloromethane	9.59	129	286726	55.599	ug/l	99
61) 1,2-Dibromoethane	9.67	107	299768	51.271	ug/l	100
64) Tetrachloroethene	9.34	164	281335	44.592	ug/l	97
65) Chlorobenzene	10.14	112	2695811	169.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	277361	51.875	ug/l	99
67) Ethyl Benzene	10.25	91	1258934	47.980	ug/l	98
68) m/p-Xylenes	10.36	106	998384	96.577	ug/l	99
69) o-Xylene	10.70	106	493997	48.999	ug/l	97
70) Styrene	10.71	104	803380	50.313	ug/l	99
71) Bromoform	10.86	173	221767	46.705	ug/l #	99
73) Isopropylbenzene	11.02	105	1284453	48.496	ug/l	99
74) N-amyl acetate	10.90	43	545377	51.143	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	419040	49.836	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	387070m	50.852	ug/l	
77) Bromobenzene	11.26	156	360293	49.370	ug/l	99
78) n-propylbenzene	11.36	91	1441456	49.576	ug/l	99
79) 2-Chlorotoluene	11.42	91	859371	49.100	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1075480	48.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116481	46.471	ug/l	100
82) 4-Chlorotoluene	11.51	91	995529	49.125	ug/l	100
83) tert-Butylbenzene	11.77	119	1108800	50.216	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1098072	49.341	ug/l	99
85) sec-Butylbenzene	11.94	105	1290211	48.926	ug/l	100
86) p-Isopropyltoluene	12.07	119	1165860	49.427	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	682431	51.735	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	758712	60.676	ug/l	100
89) n-Butylbenzene	12.39	91	986752	49.074	ug/l	99
90) Hexachloroethane	12.60	117	185035	49.188	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	746889	57.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	88164	53.016	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	436577	48.884	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
Data File : VX007040.D
Acq On : 14 Jan 2019 15:36
Operator : JC/SP
Sample : K1133-07MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

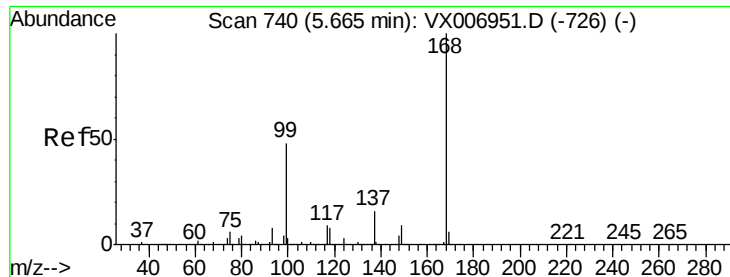
Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM

Quant Time: Jan 15 00:23:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	200160	50.505	ug/l	100
95) Naphthalene	13.83	128	1355296	50.080	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	432637	48.765	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion:168 Resp: 524730

Ion Ratio Lower Upper

168 100

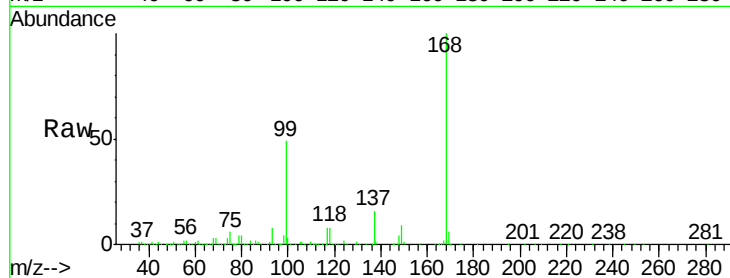
99 49.1 41.8 62.8

Manual Integrations

APPROVED

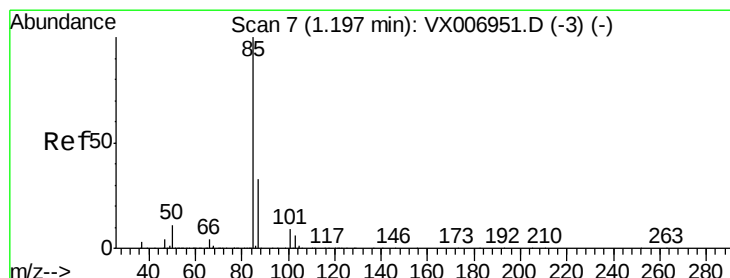
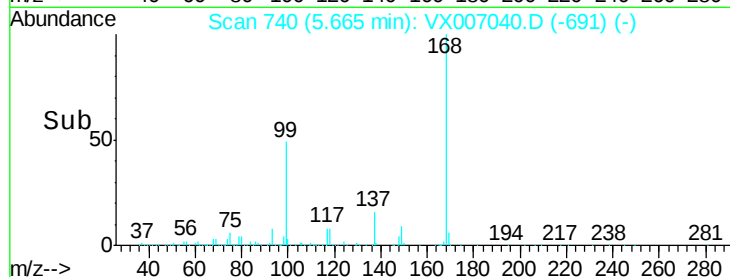
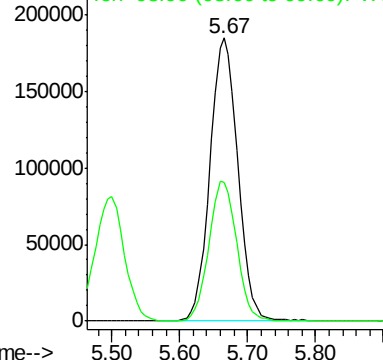
MMDadoda

1/15/2019 11:13:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.409 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007040.D

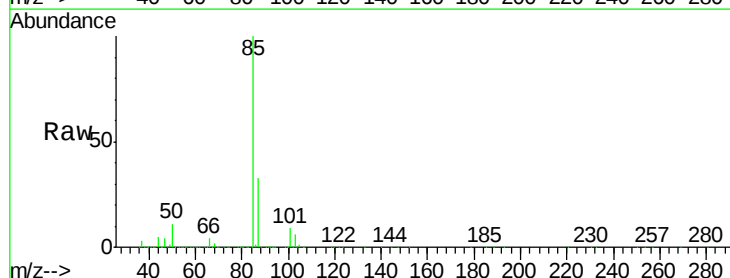
Acq: 14 Jan 2019 15:36

Tgt Ion: 85 Resp: 221524

Ion Ratio Lower Upper

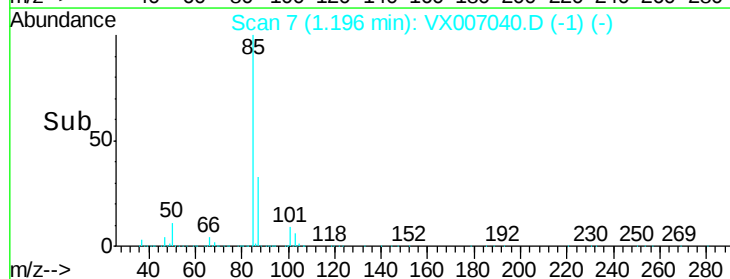
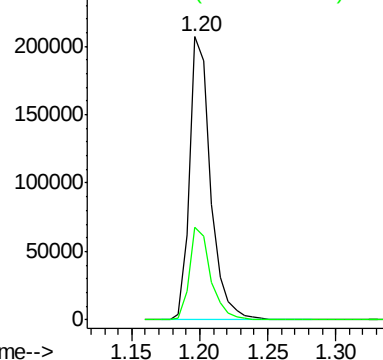
85 100

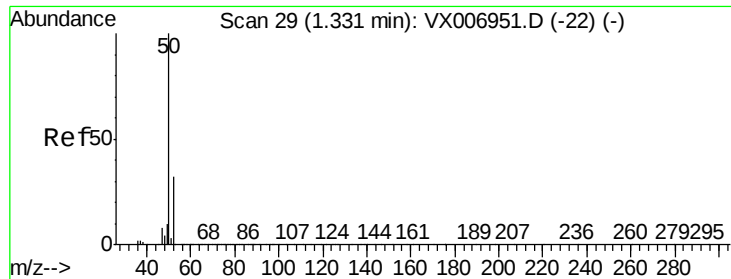
87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





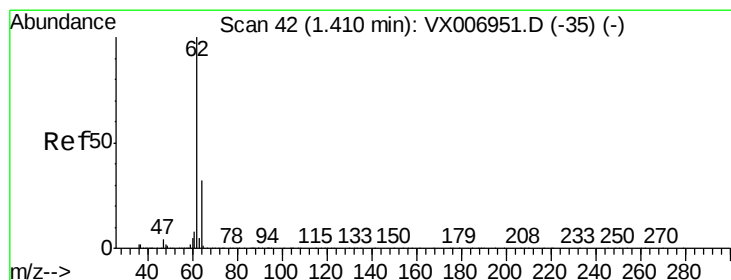
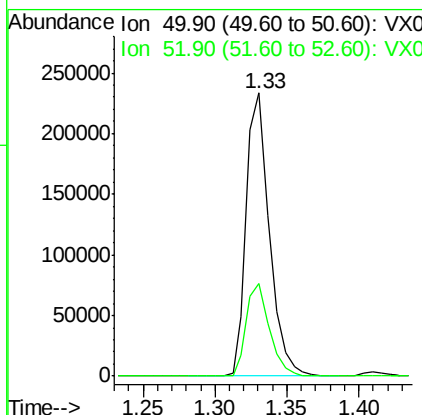
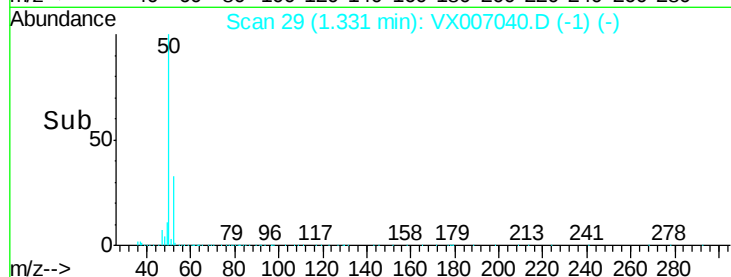
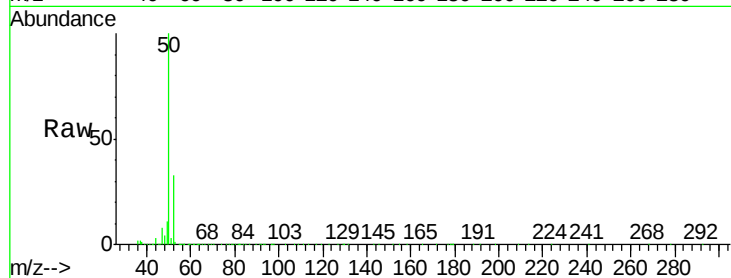
#3
Chloromethane
Concen: 51.524 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.2

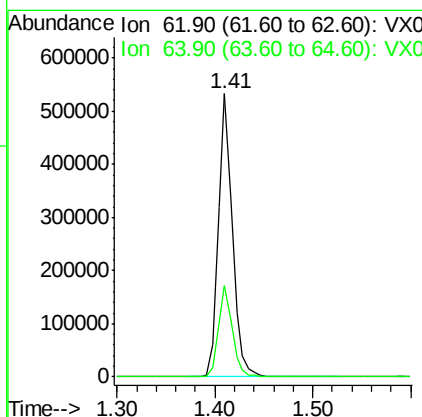
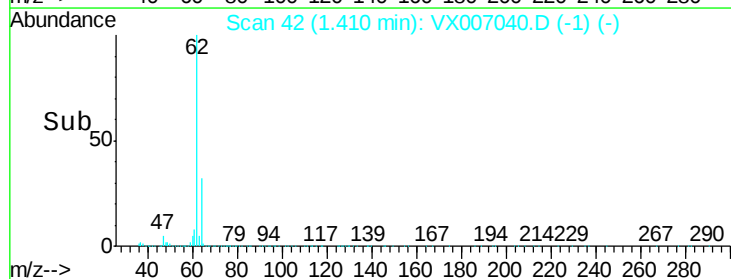
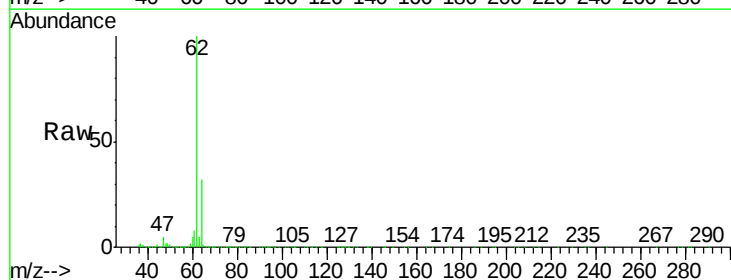
Manual Integrations
APPROVED

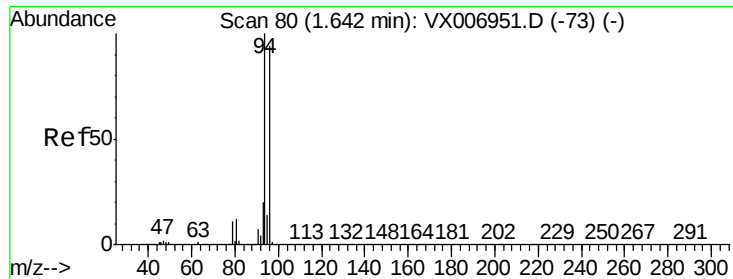
MMDadoda
1/15/2019 11:13:21 AM



#4
Vinyl Chloride
Concen: 98.076 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.1	37.7





#5

Bromomethane

Concen: 47.687 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 94 Resp: 274925

Ion Ratio Lower Upper

94 100

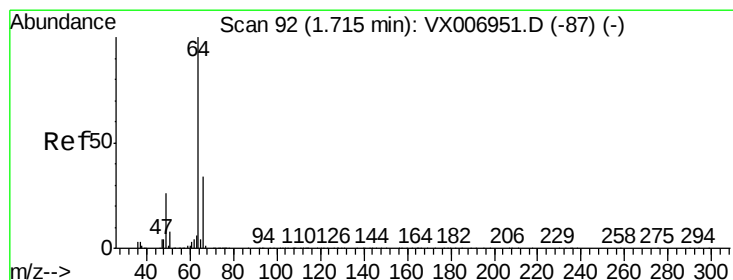
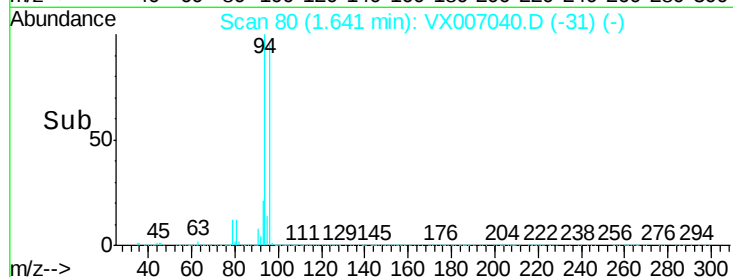
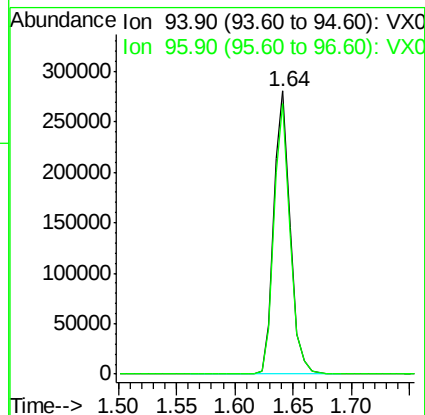
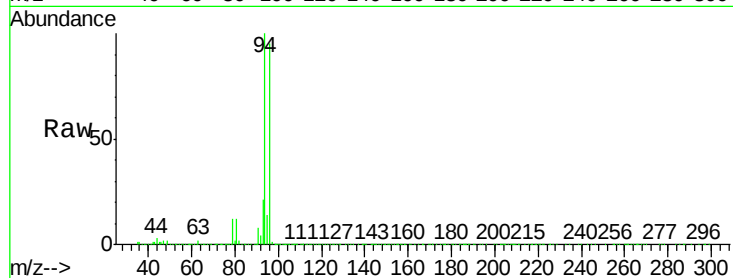
96 95.5 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#6

Chloroethane

Concen: 46.688 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007040.D

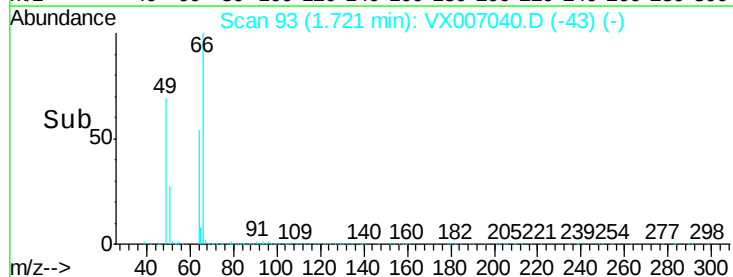
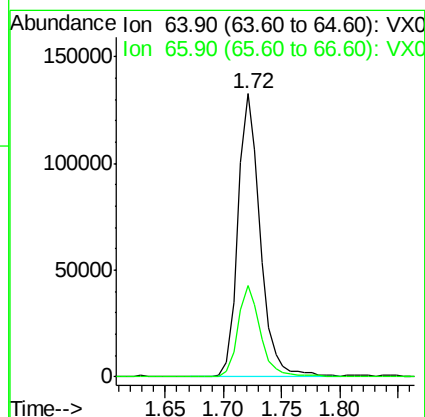
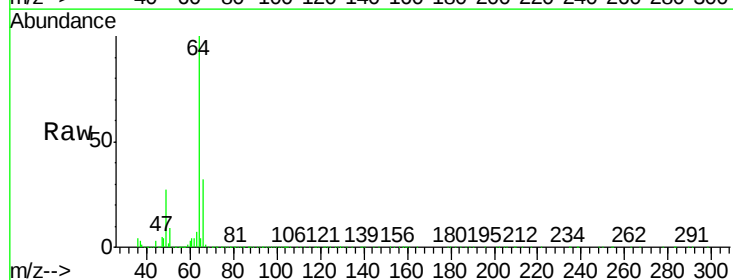
Acq: 14 Jan 2019 15:36

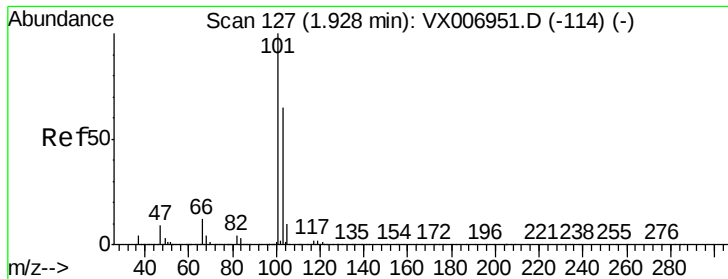
Tgt Ion: 64 Resp: 175912

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6





#7

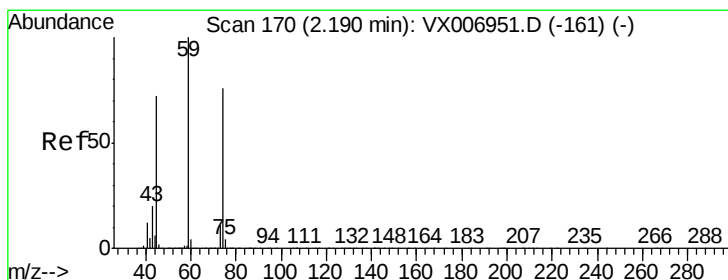
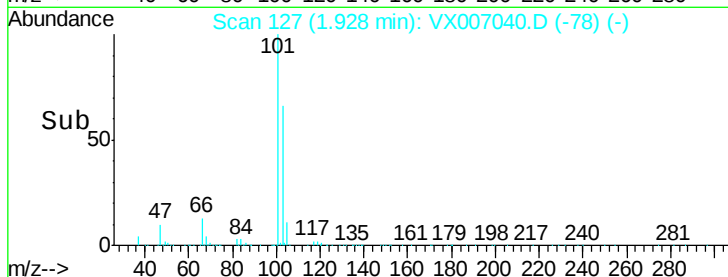
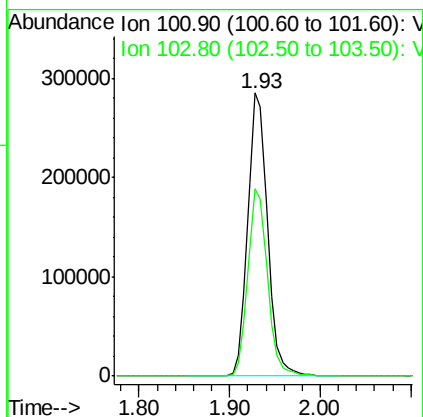
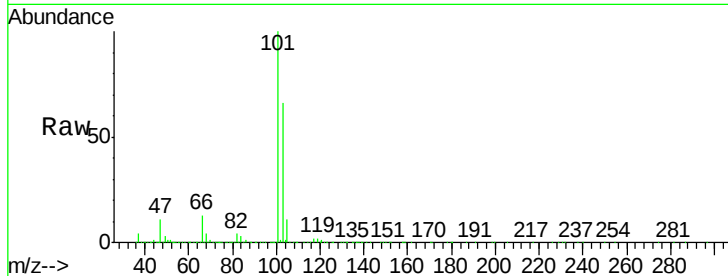
Trichlorofluoromethane
Concen: 49.508 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.2	79.8

Manual Integrations
APPROVED

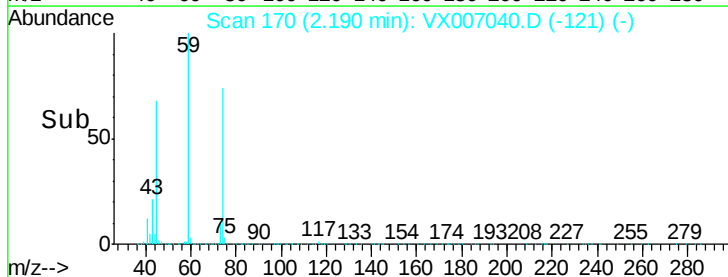
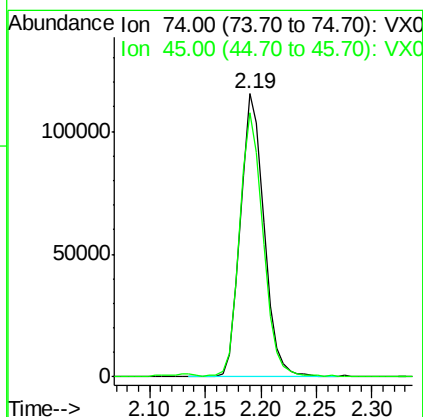
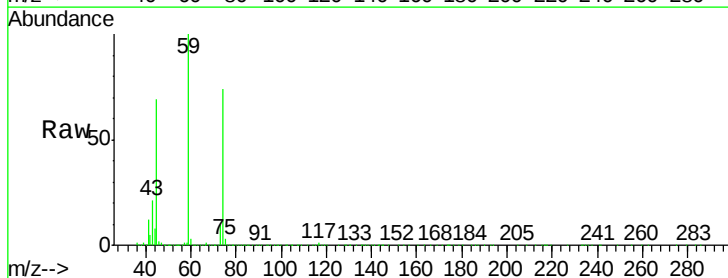
MMDadoda
1/15/2019 11:13:21 AM

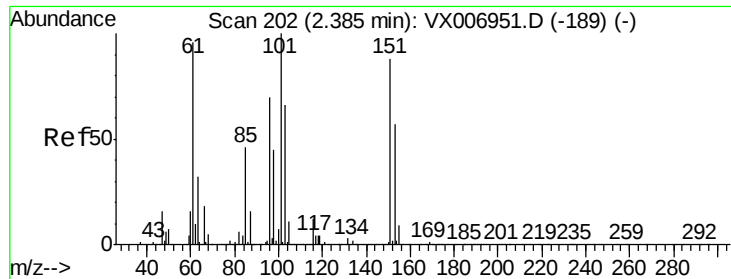


#8

Diethyl Ether
Concen: 48.959 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.286 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

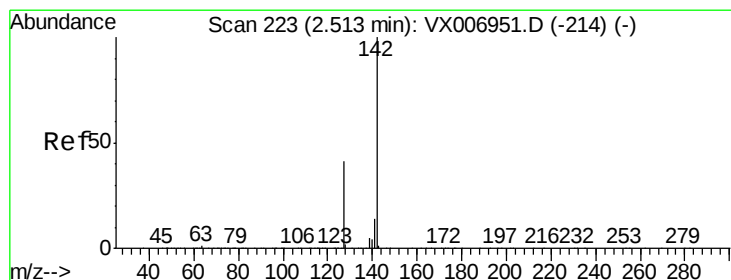
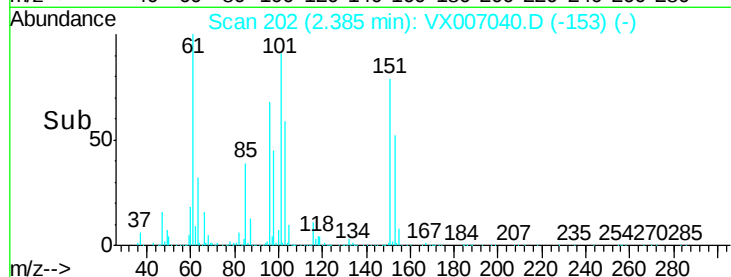
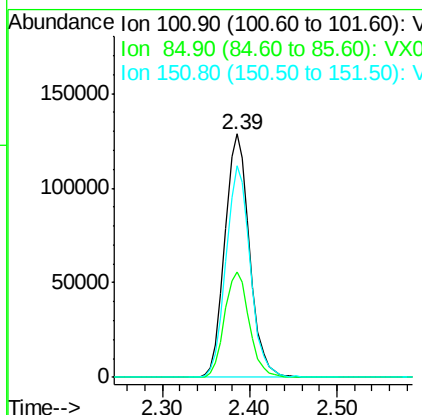
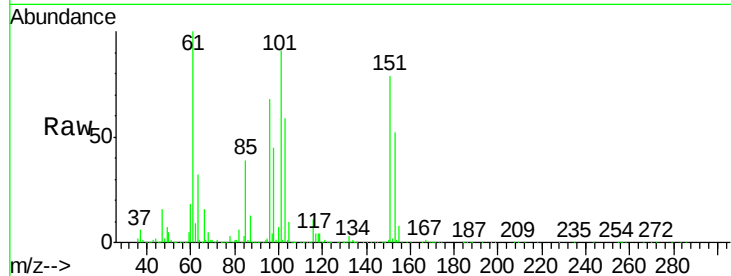
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	101	Resp:	252047
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.1	52.7
151	85.9	68.9	103.3

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#10

Methyl Iodide

Concen: 57.486 ug/l

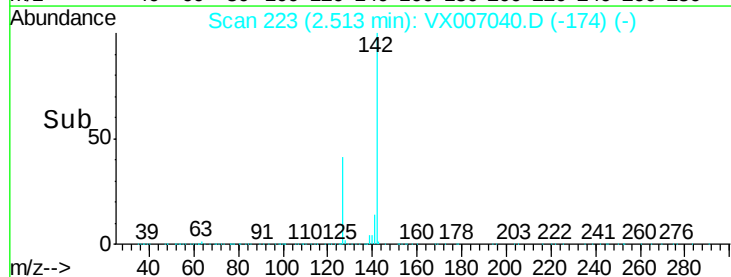
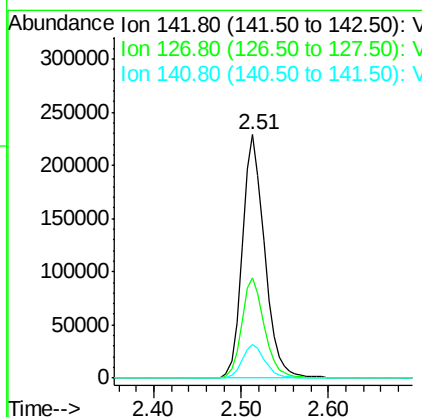
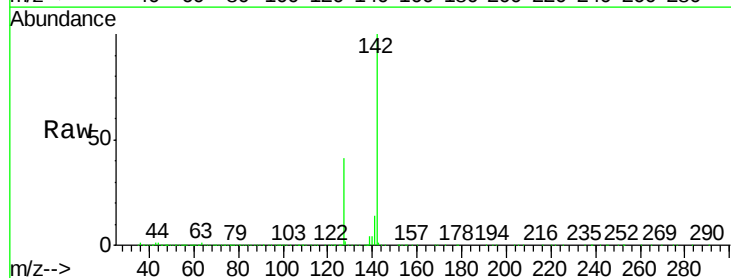
RT: 2.51 min Scan# 223

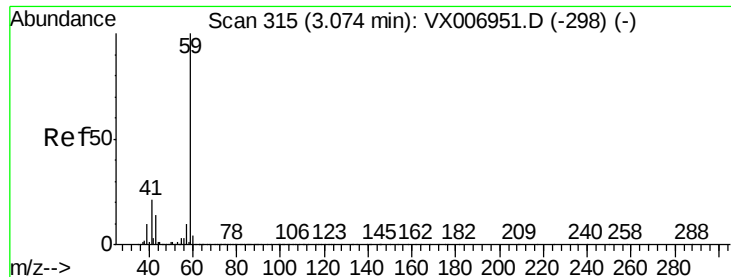
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	142	Resp:	404769
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.9	50.9
141	14.1	11.4	17.0





#11

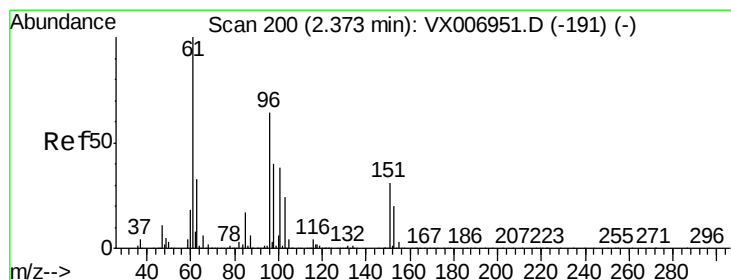
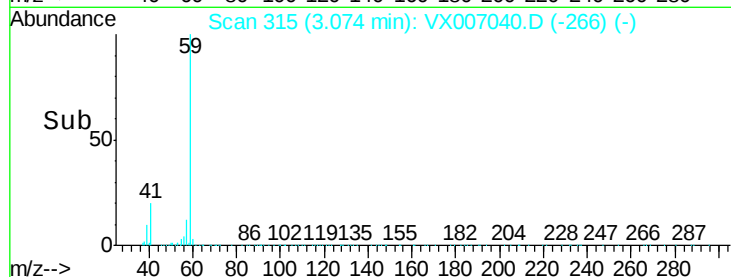
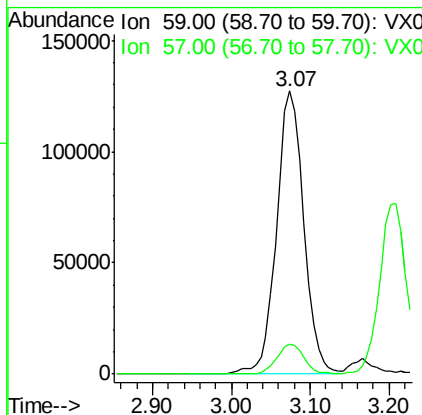
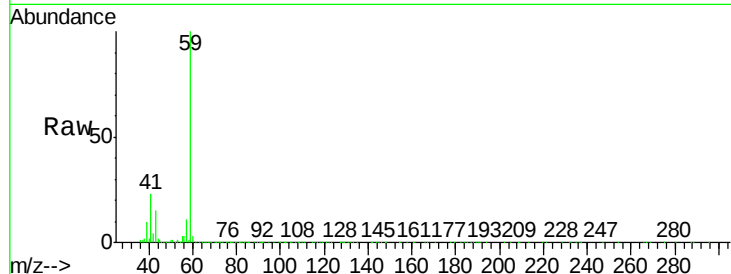
Tert butyl alcohol
Concen: 236.771 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
APPROVED

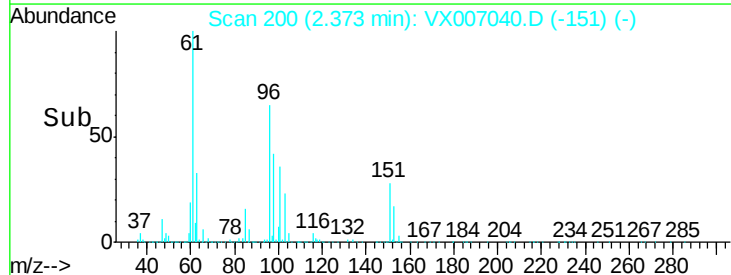
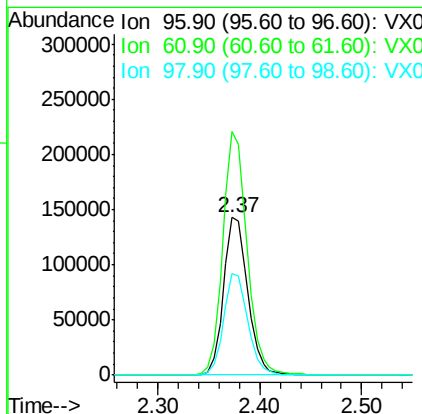
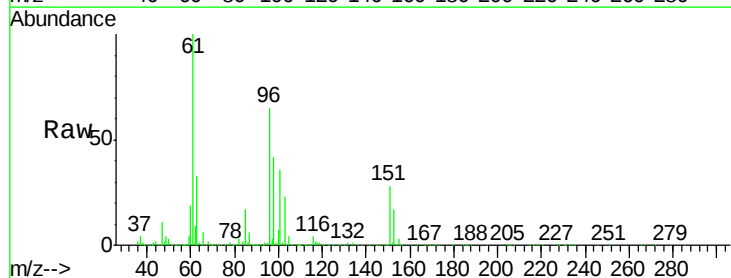
MMDadoda
1/15/2019 11:13:21 AM

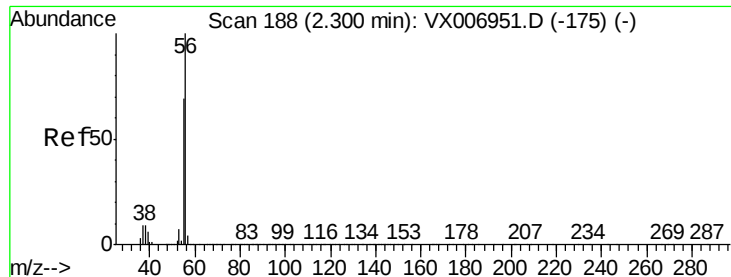


#12

1,1-Dichloroethene
Concen: 48.586 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	121.4	182.2
98	64.4	51.9	77.9





#13

Acrolein

Concen: 240.482 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 56 Resp: 134102

Ion Ratio Lower Upper

56 100

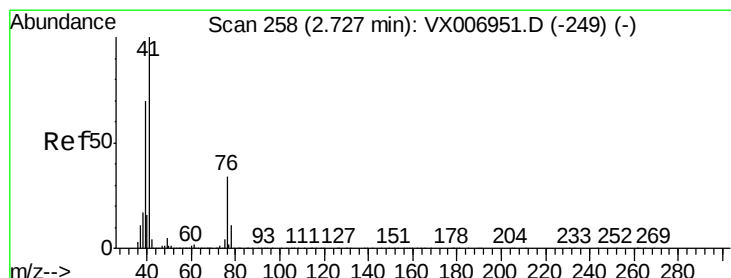
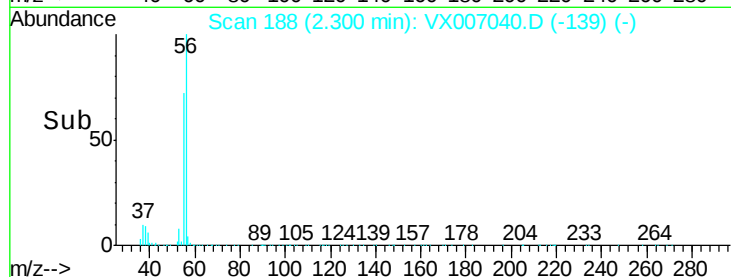
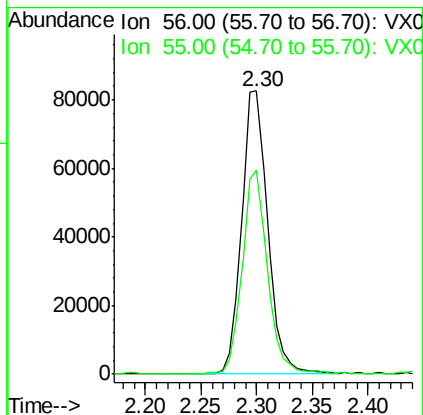
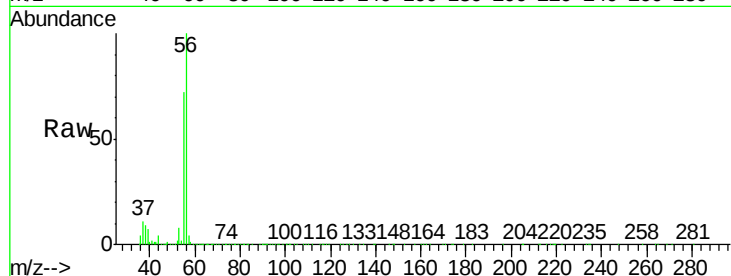
55 69.5 58.2 87.4

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#14

Allyl chloride

Concen: 50.134 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

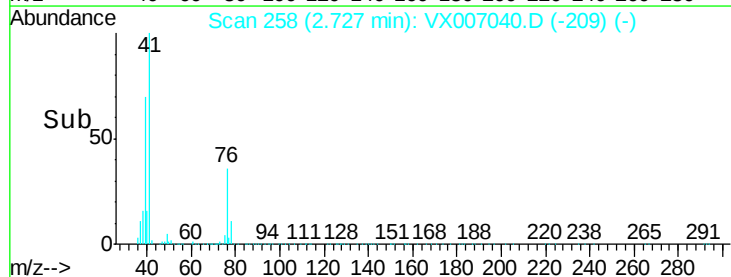
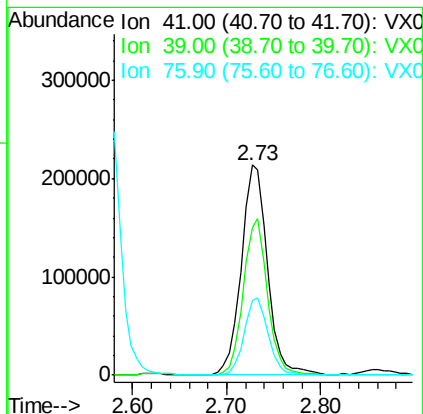
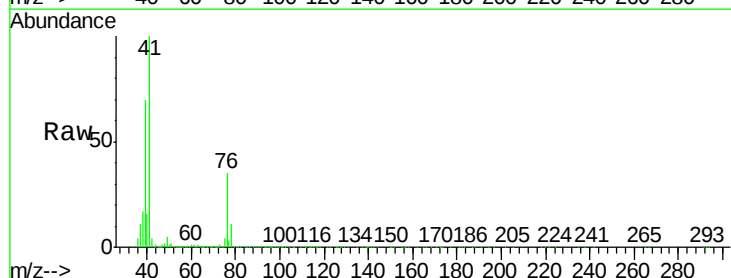
Tgt Ion: 41 Resp: 414365

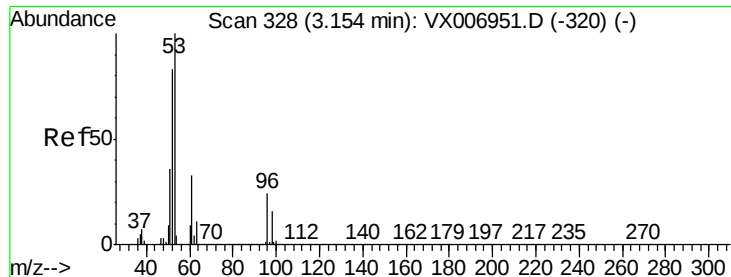
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 255.845 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

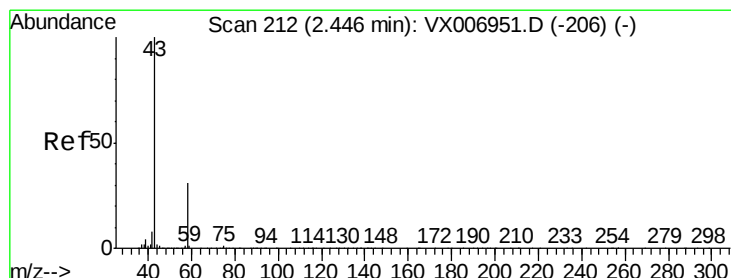
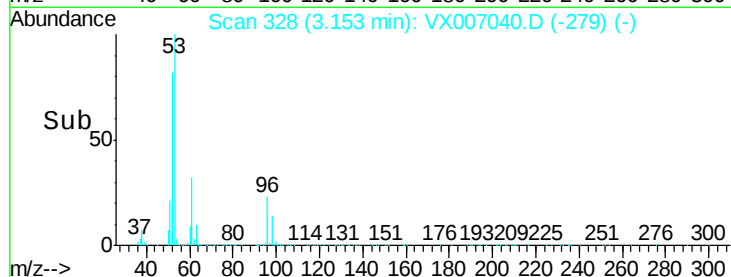
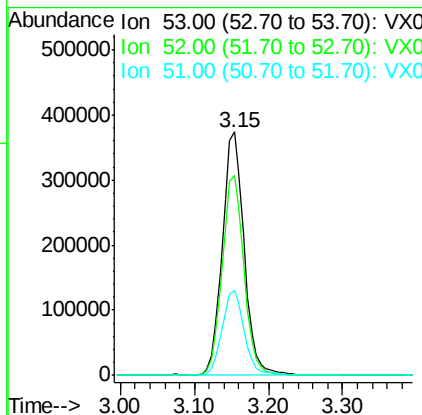
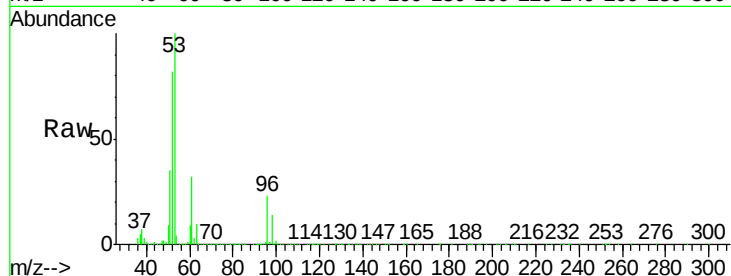
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	53	Resp:	759773
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.0	99.0
51	35.6	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#16

Acetone

Concen: 236.723 ug/l

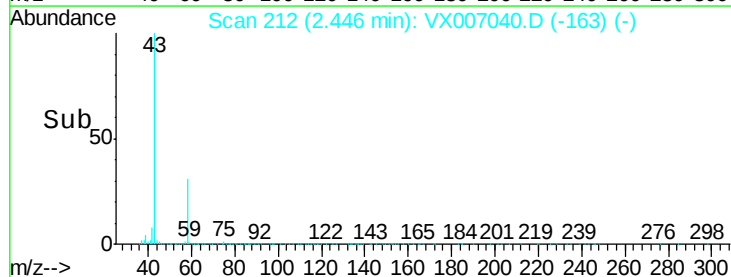
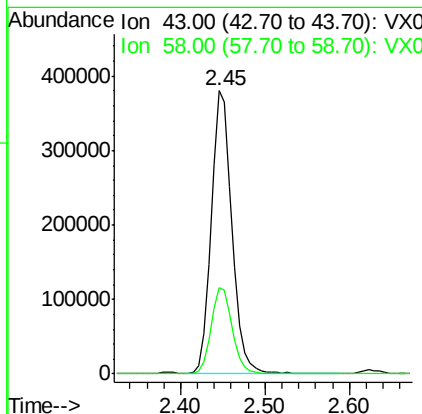
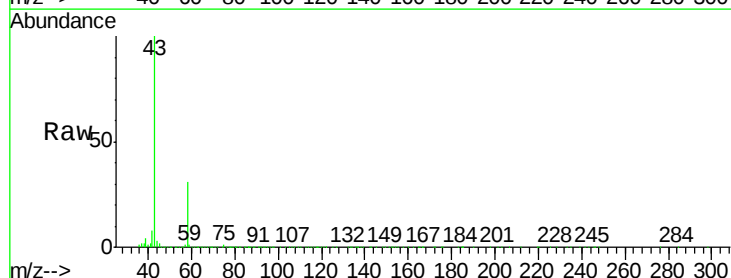
RT: 2.45 min Scan# 212

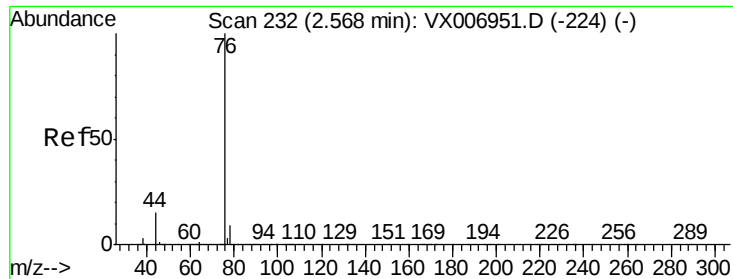
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	43	Resp:	641768
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.0	37.6





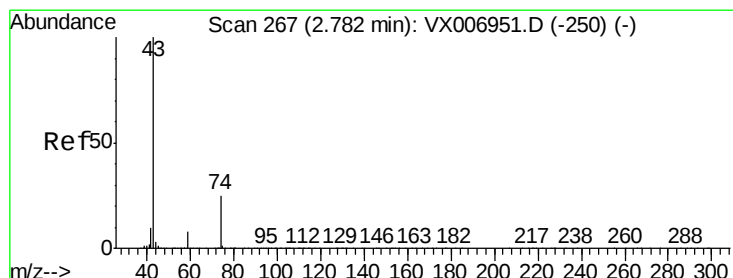
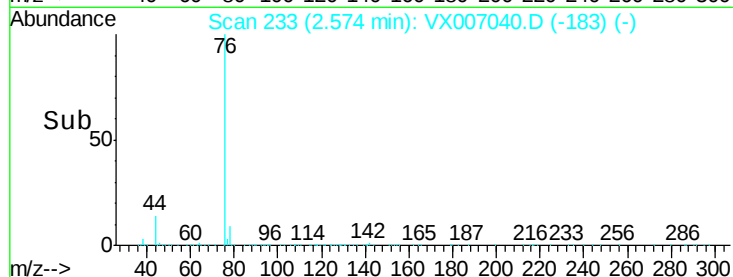
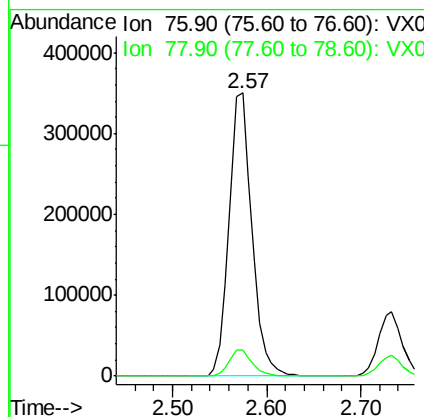
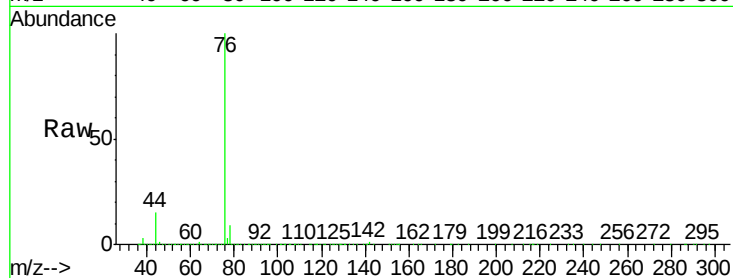
#17
Carbon Disulfide
Concen: 47.754 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

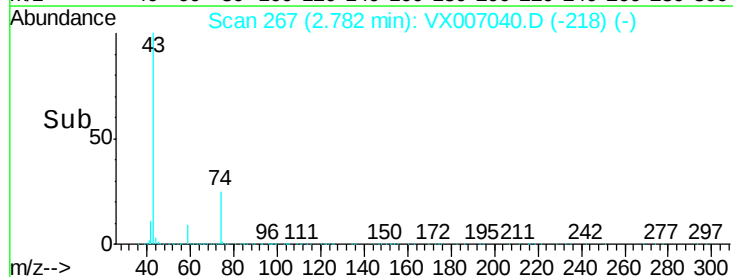
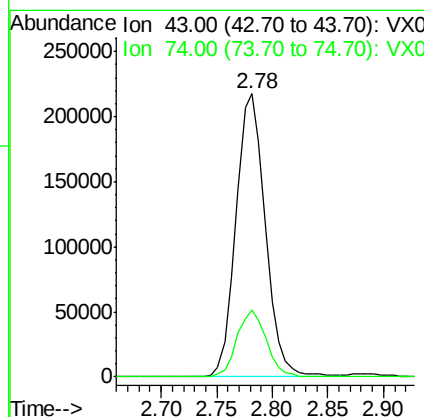
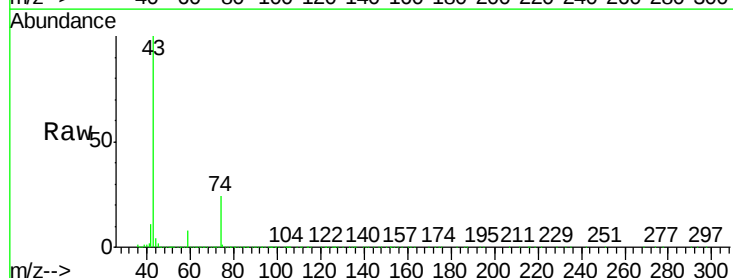
Manual Integrations
APPROVED

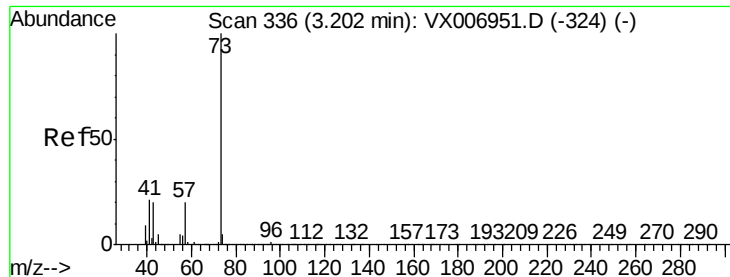
MMDadoda
1/15/2019 11:13:21 AM



#18
Methyl Acetate
Concen: 50.361 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.6	28.0





#19

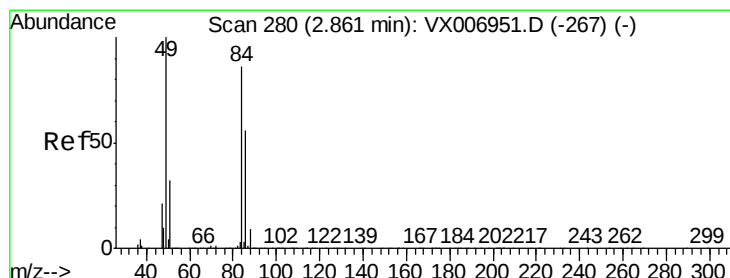
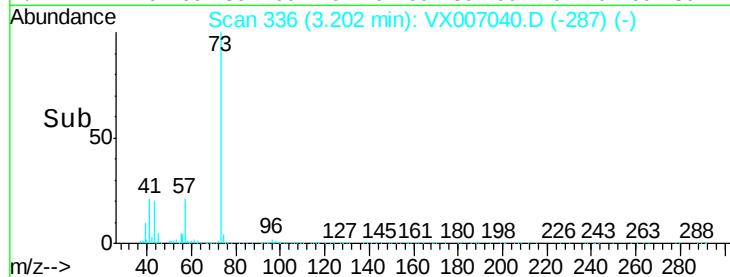
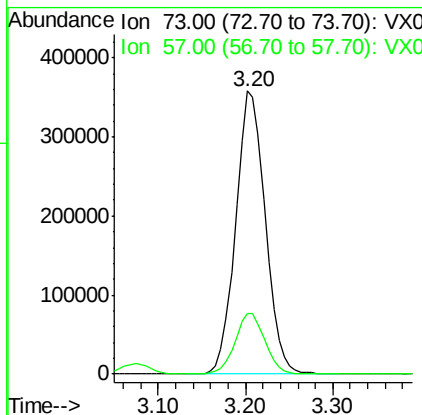
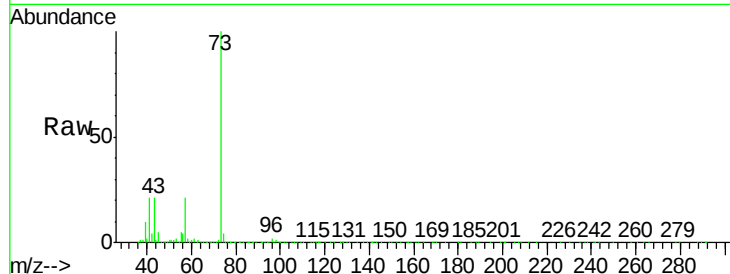
Methyl tert-butyl Ether
Concen: 50.236 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

Manual Integrations
APPROVED

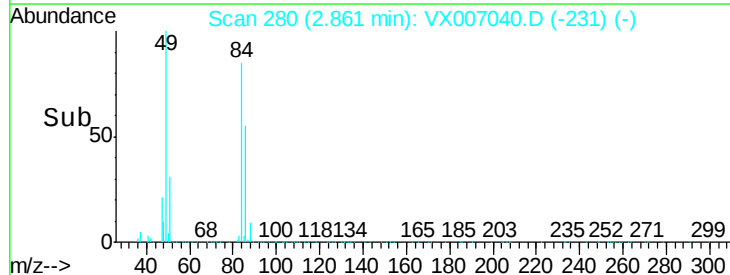
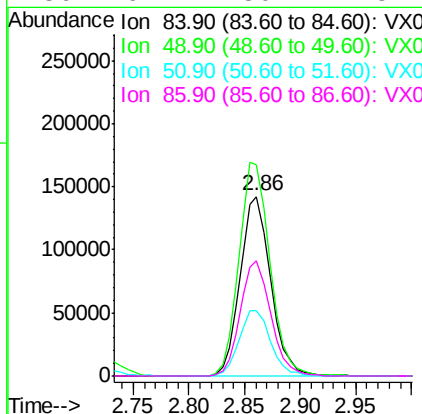
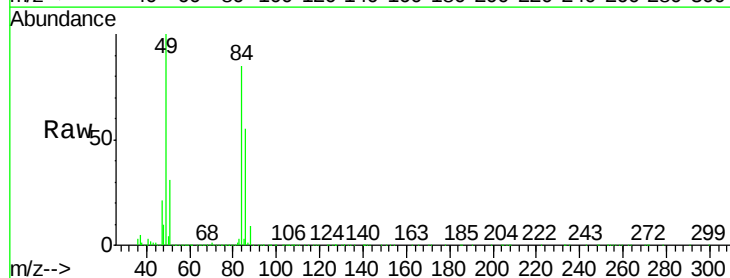
MMDadoda
1/15/2019 11:13:21 AM

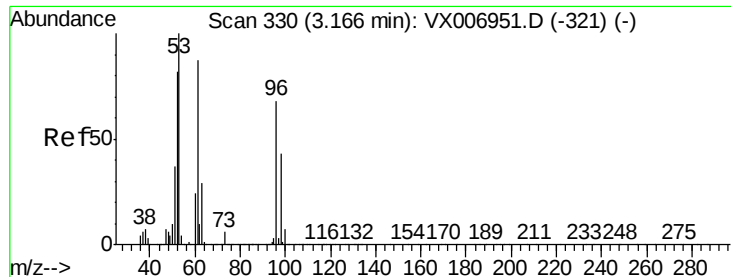


#20

Methylene Chloride
Concen: 52.531 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	91.8	137.6
51	36.4	28.5	42.7
86	64.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 48.194 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

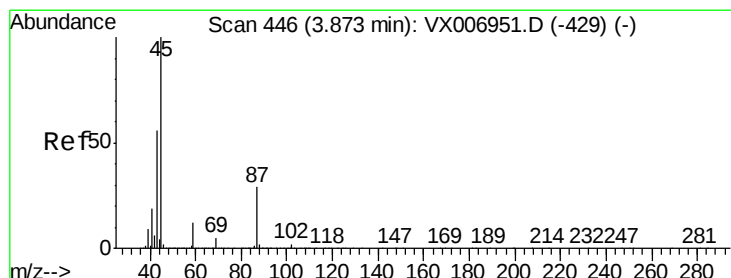
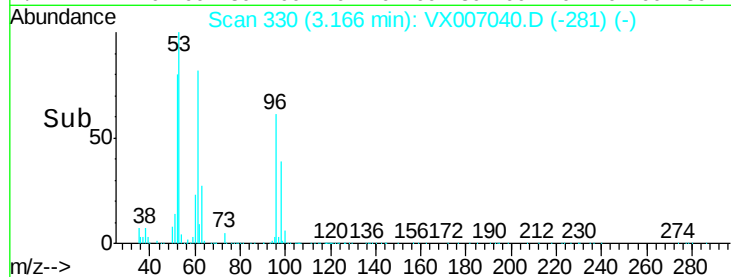
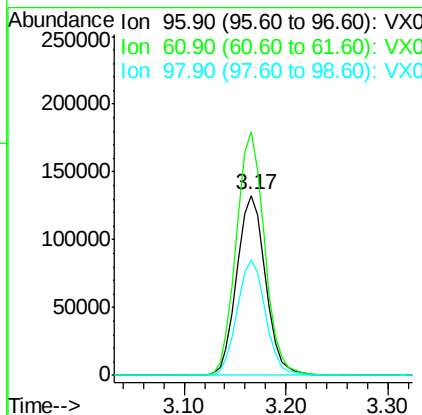
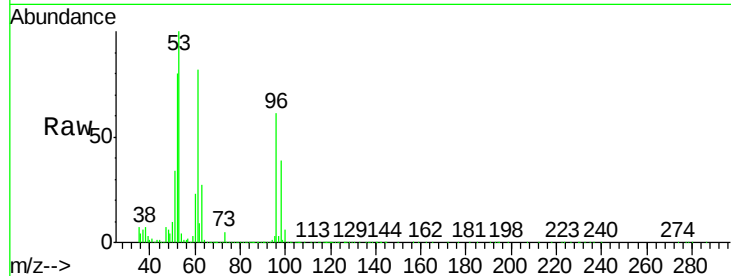
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	96	Resp:	259012
Ion Ratio	Lower	Upper	
96	100		
61	135.2	103.7	155.5
98	64.0	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#22

Diisopropyl ether

Concen: 49.420 ug/l

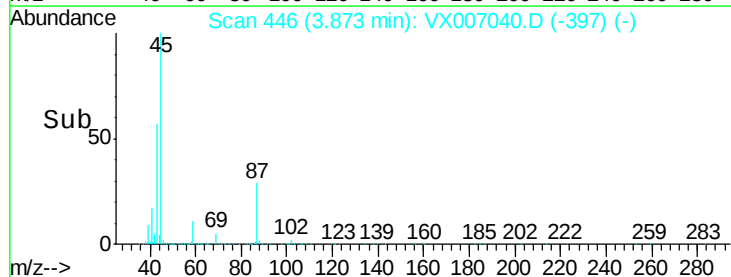
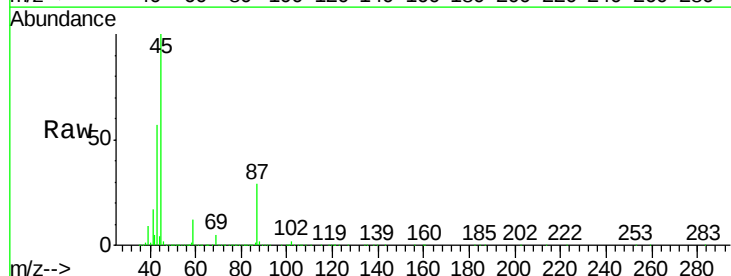
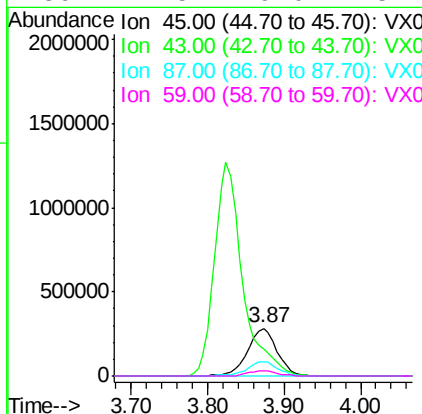
RT: 3.87 min Scan# 446

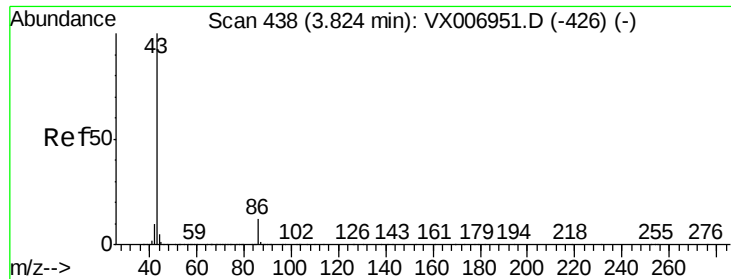
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	45	Resp:	767908
Ion Ratio	Lower	Upper	
45	100		
43	56.7	51.2	76.8
87	29.4	25.8	38.6
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 246.788 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 43 Resp: 3233870

Ion Ratio Lower Upper

43 100

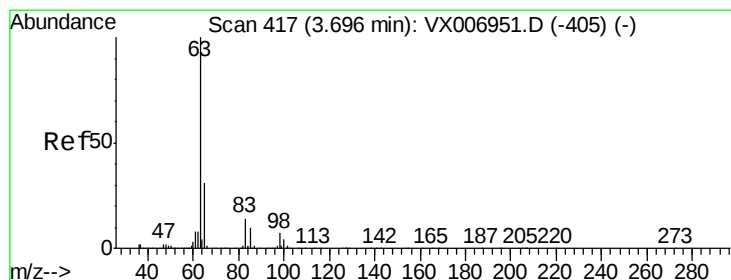
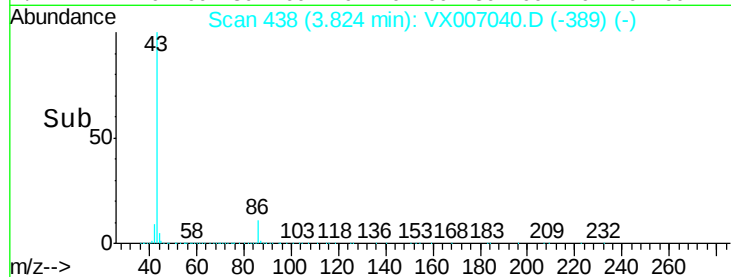
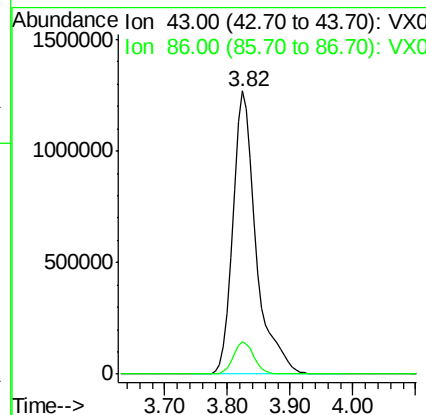
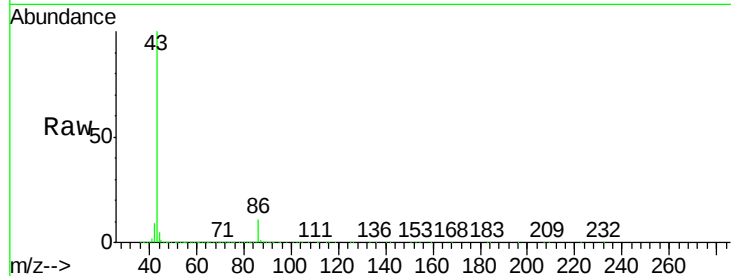
86 11.3 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#24

1,1-Dichloroethane

Concen: 50.421 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

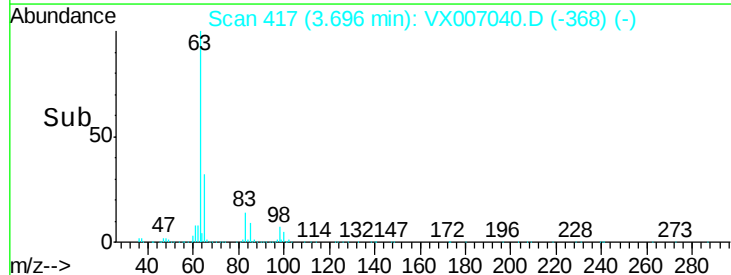
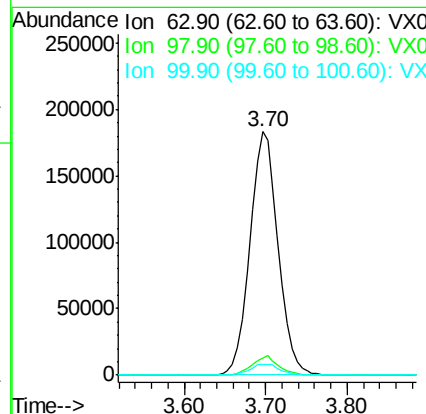
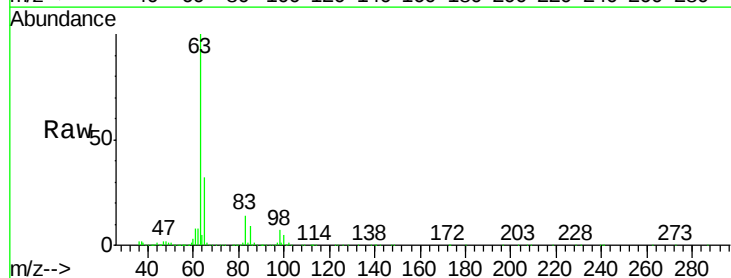
Tgt Ion: 63 Resp: 438087

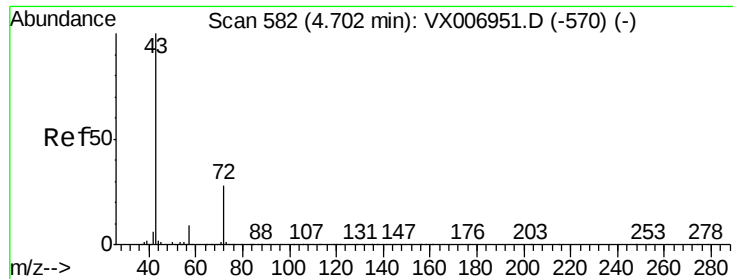
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 248.966 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tot Ion: 43 Resp: 965768

Ion Ratio Lower Upper

43 100

72 28.7 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

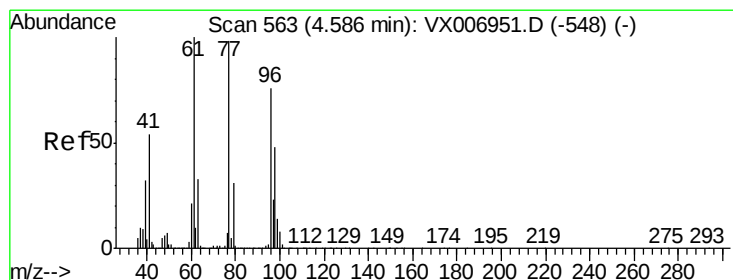
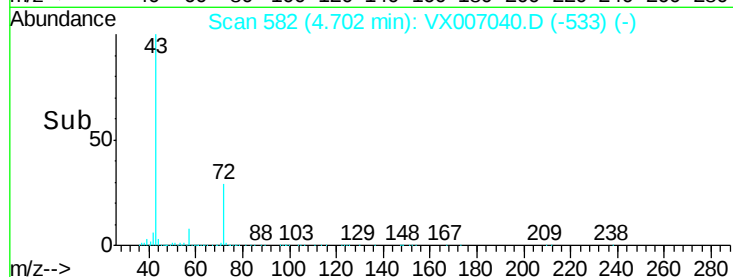
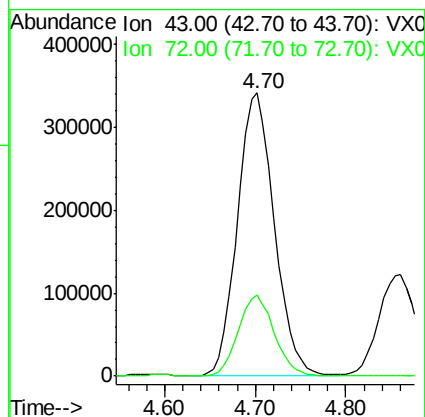
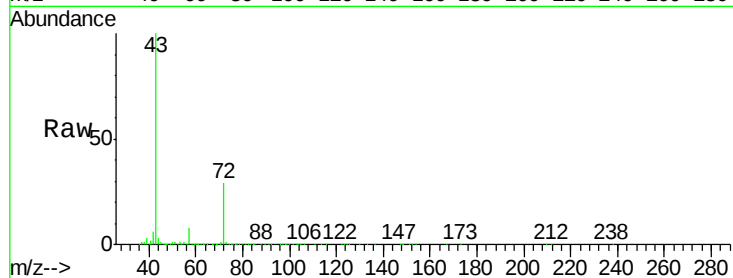
WP022MW359-190109MSD

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#26

2,2-Dichloropropane

Concen: 45.953 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007040.D

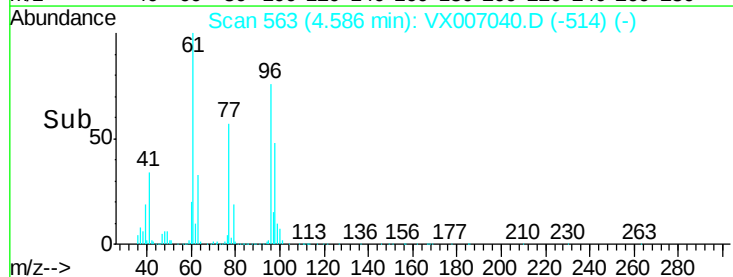
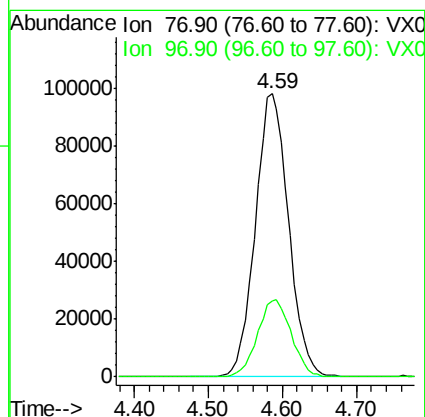
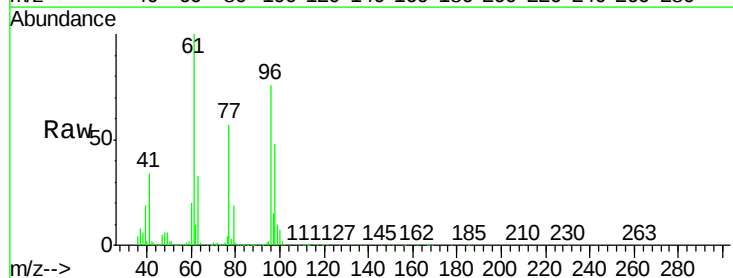
Acq: 14 Jan 2019 15:36

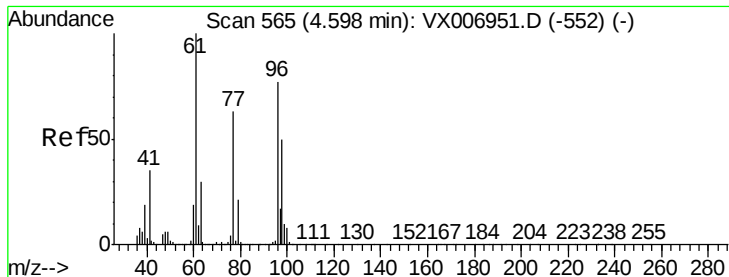
Tgt Ion: 77 Resp: 307018

Ion Ratio Lower Upper

77 100

97 27.7 12.4 37.4





#27

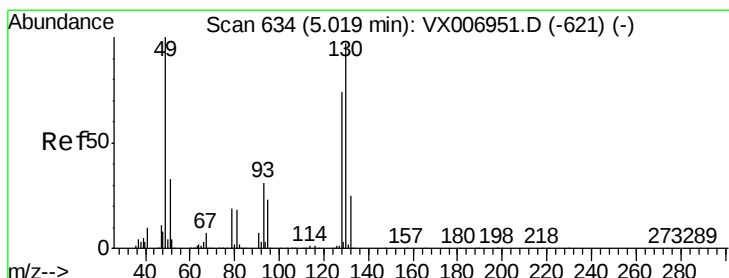
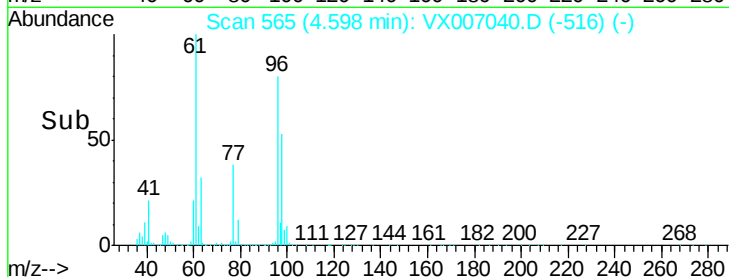
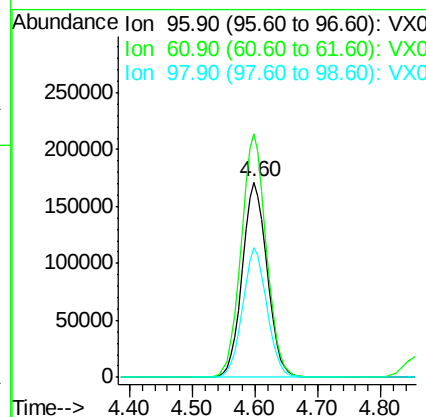
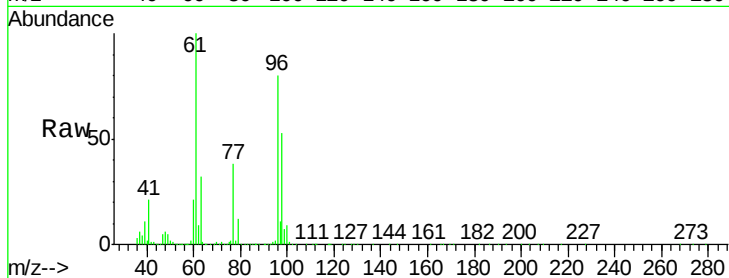
cis-1,2-Dichloroethene
Concen: 79.425 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	470836		
61	125.9		0.0	258.6
98	65.0		0.0	132.0

Manual Integrations
APPROVED

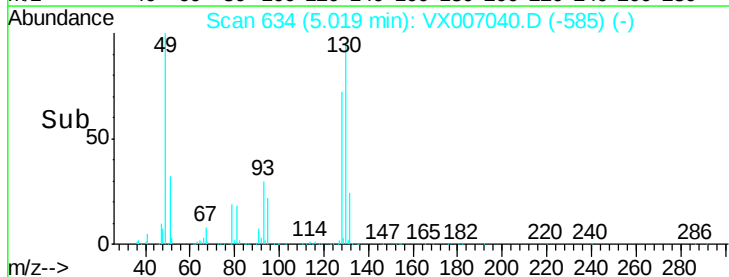
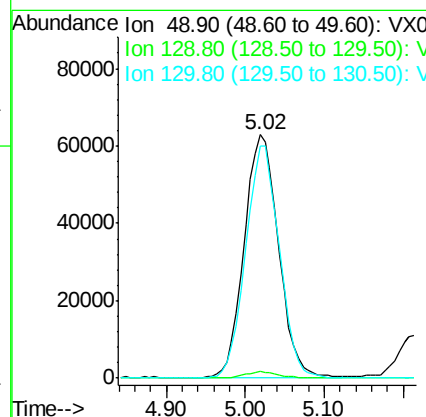
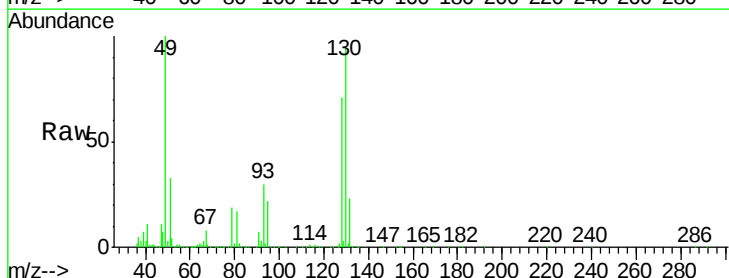
MMDadoda
1/15/2019 11:13:21 AM

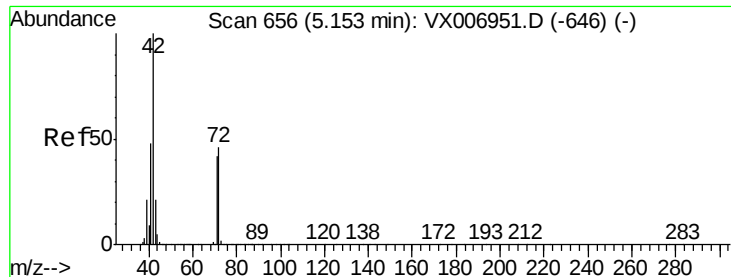


#28

Bromochloromethane
Concen: 50.248 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191280		
129	2.7		0.0	5.4
130	93.1		77.7	116.5





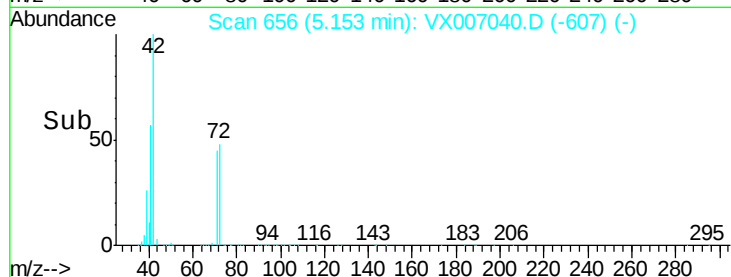
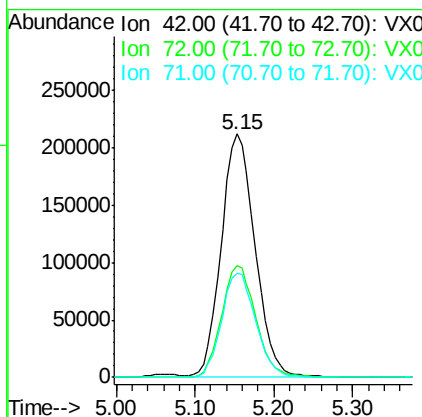
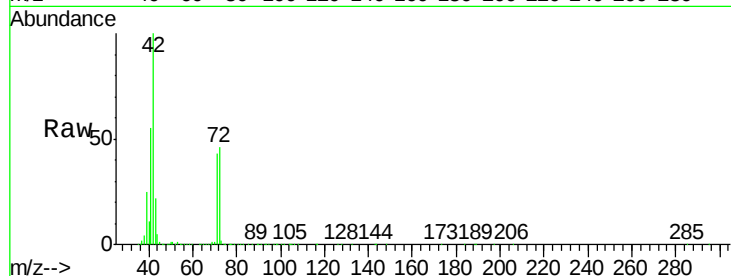
#29
Tetrahydrofuran
Concen: 249.636 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion:	42	Resp:	629320
Ion	Ratio	Lower	Upper
42	100		
72	46.4	38.9	58.3
71	43.5	36.2	54.4

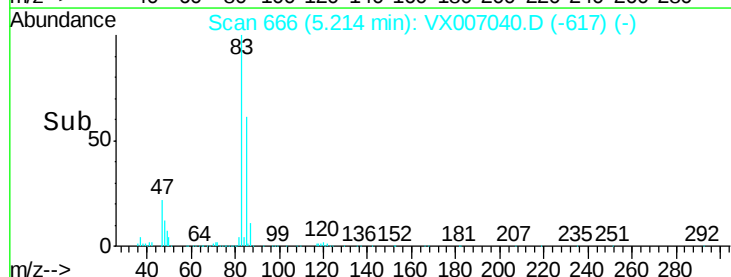
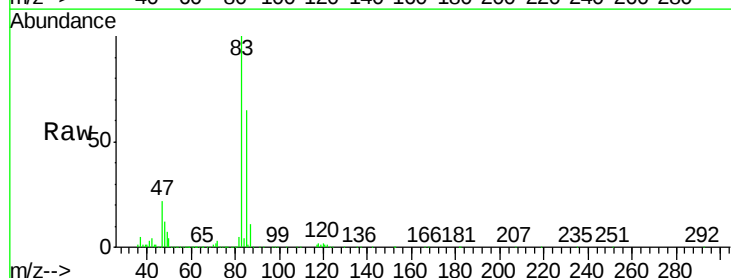
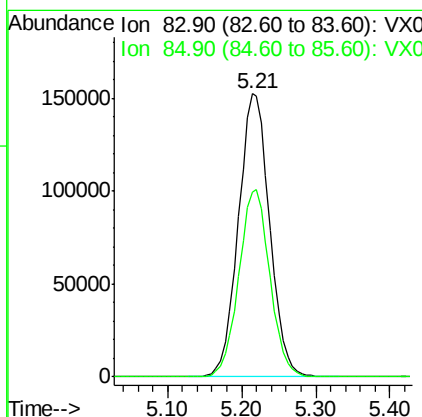
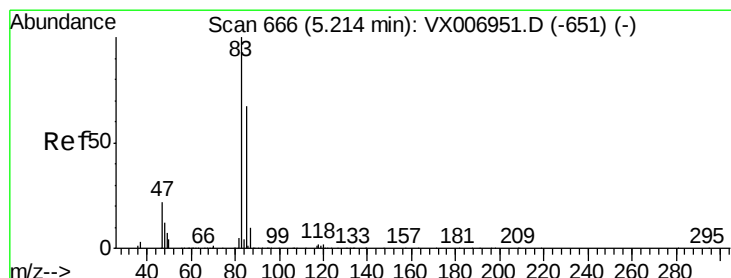
Manual Integrations
APPROVED

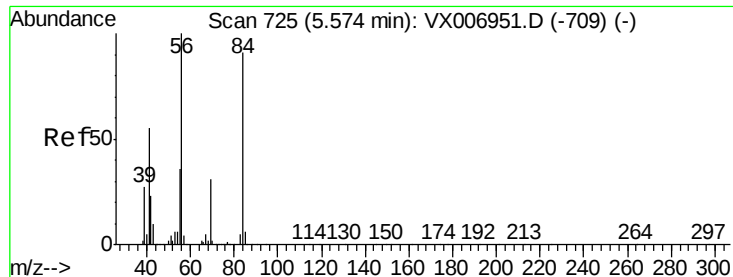
MMDadoda
1/15/2019 11:13:21 AM



#30
Chloroform
Concen: 49.278 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion:	83	Resp:	448273
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8





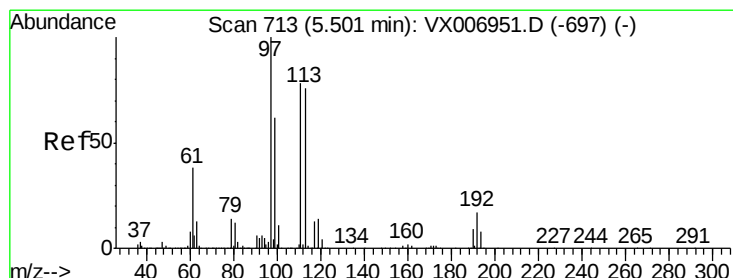
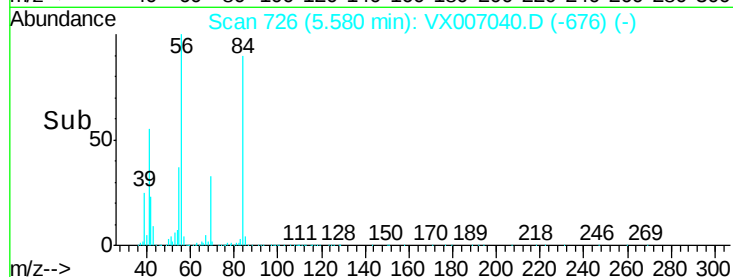
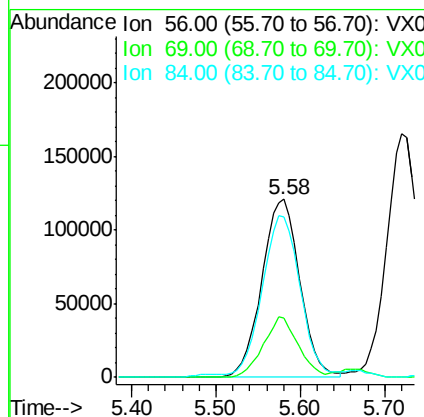
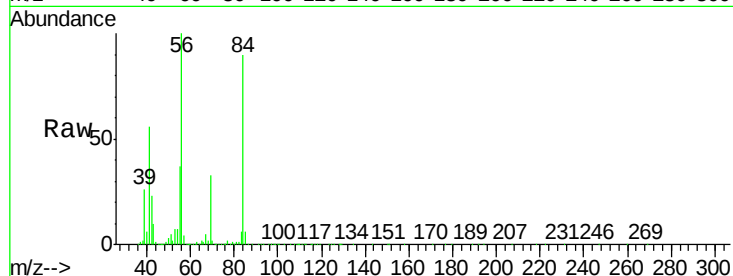
#31
Cyclohexane
Concen: 48.510 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.4	36.6
84	89.2	70.0	105.0

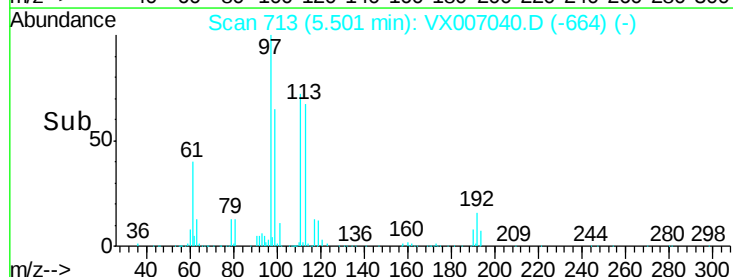
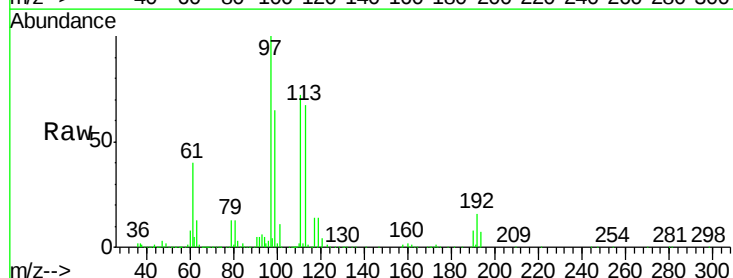
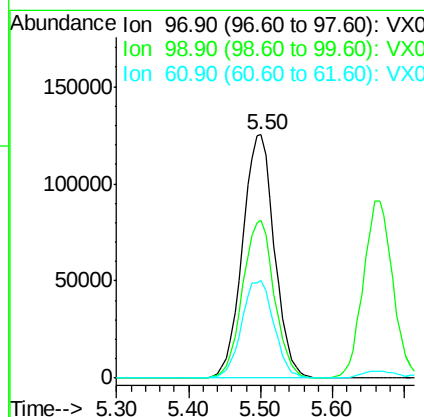
Manual Integrations
APPROVED

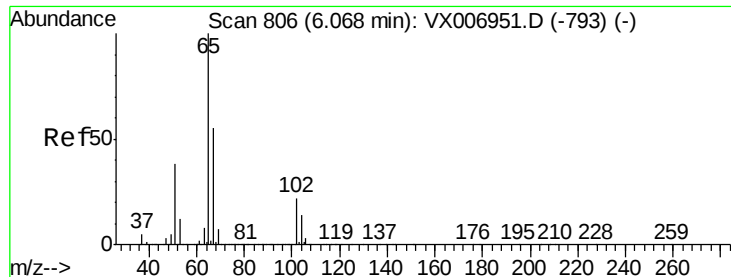
MMDadoda
1/15/2019 11:13:21 AM



#32
1,1,1-Trichloroethane
Concen: 49.875 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	40.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.772 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 65 Resp: 272945

Ion Ratio Lower Upper

65 100

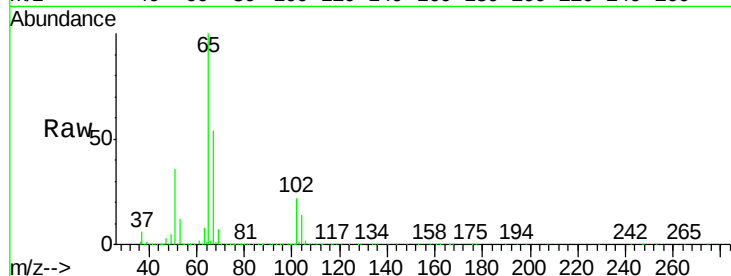
67 53.1 0.0 105.0

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

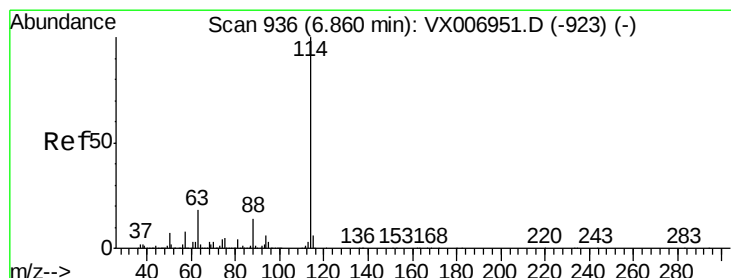
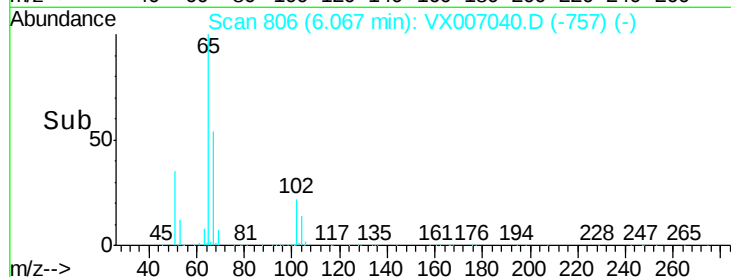
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

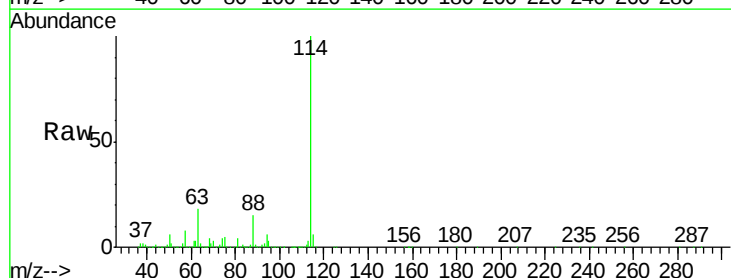
Tgt Ion: 114 Resp: 778171

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.6 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

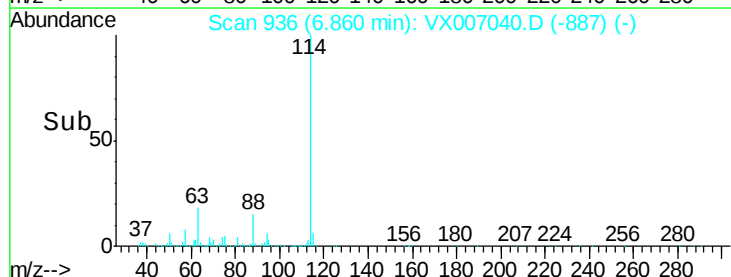
300000

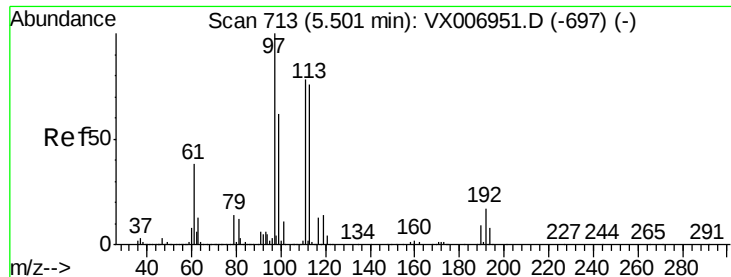
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.757 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

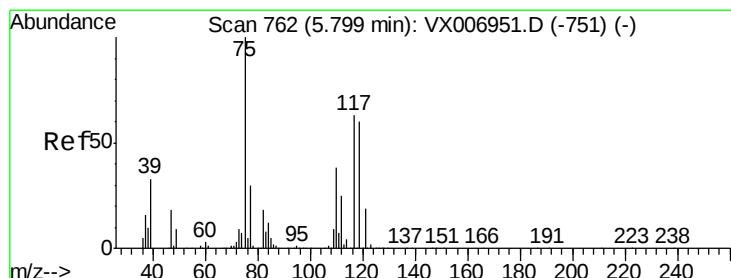
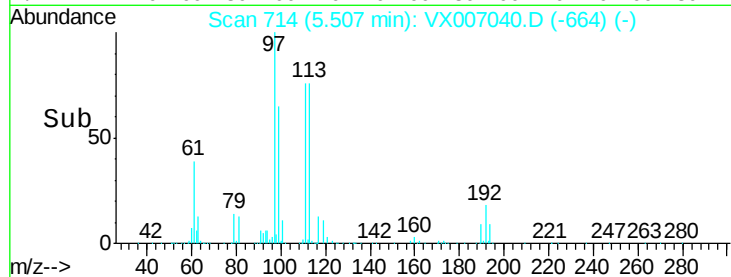
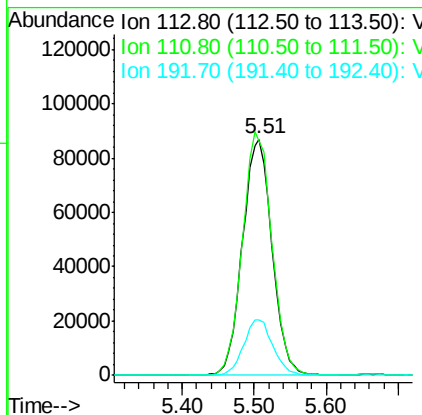
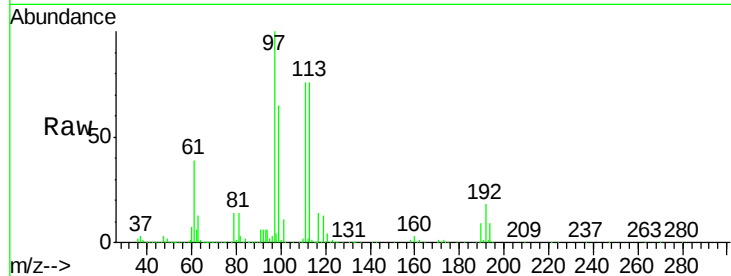
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	113	Resp:	247955
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.6	122.4
192	23.3	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#36

1,1-Dichloropropene

Concen: 47.488 ug/l

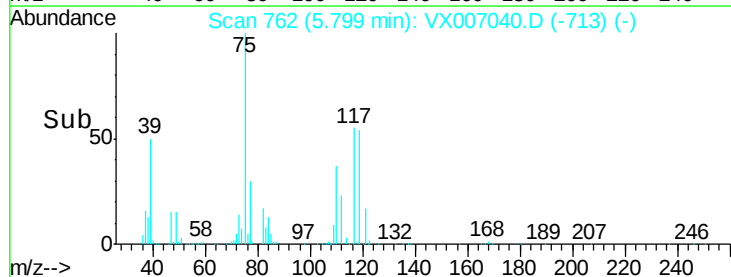
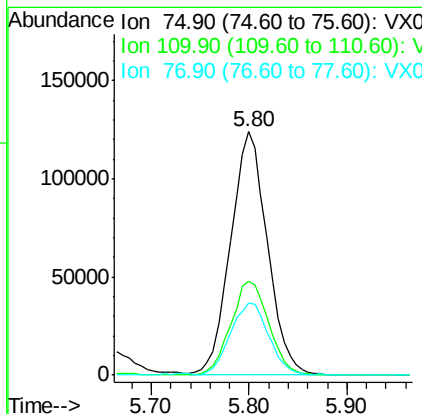
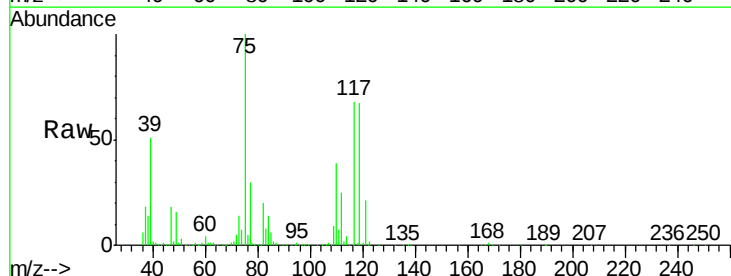
RT: 5.80 min Scan# 762

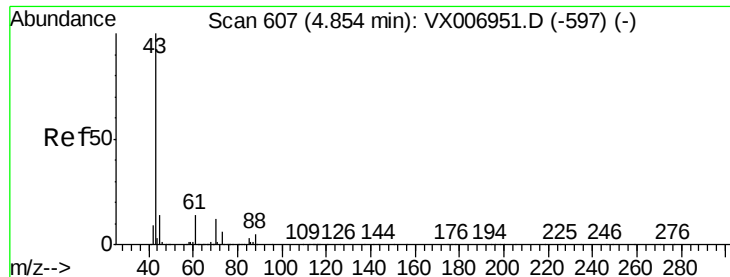
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	75	Resp:	321286
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.2	60.5
77	31.2	24.8	37.2





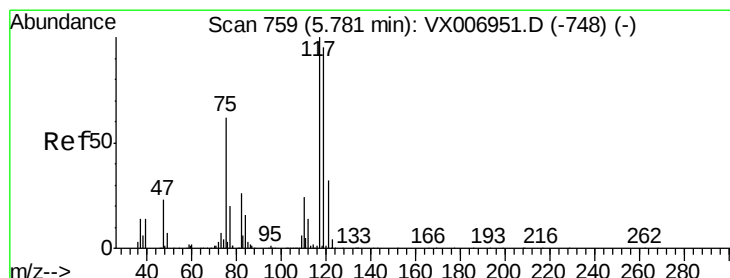
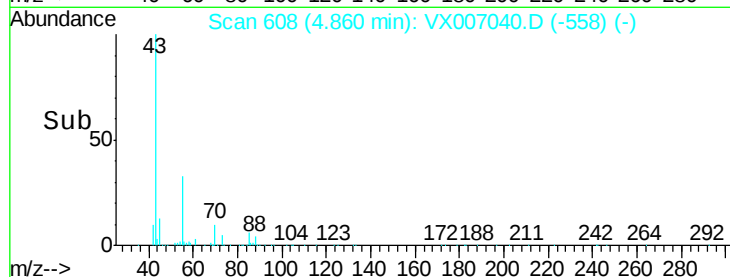
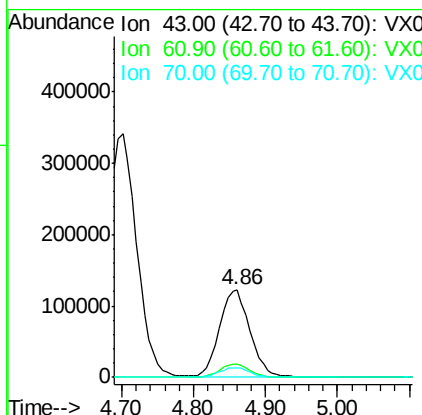
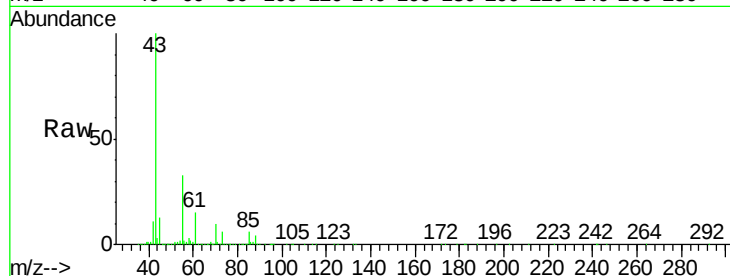
#37
Ethyl Acetate
Concen: 49.737 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.1	9.7	14.5

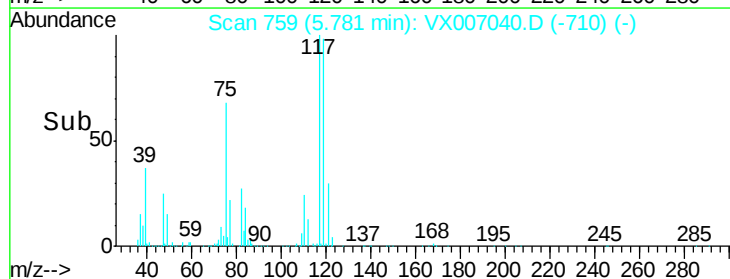
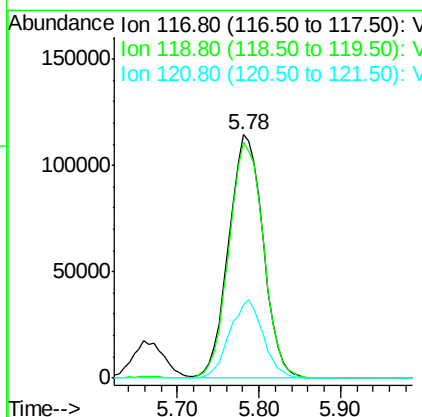
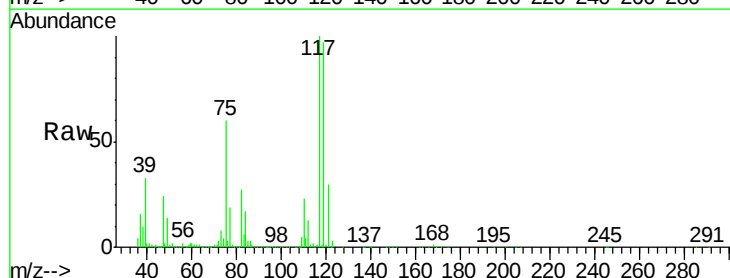
Manual Integrations
APPROVED

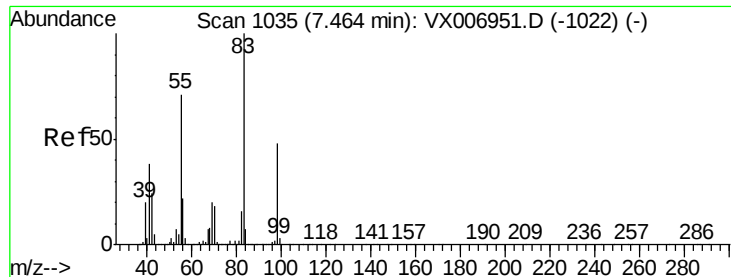
MMDadoda
1/15/2019 11:13:21 AM



#38
Carbon Tetrachloride
Concen: 48.989 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.2
121	30.1	24.0	36.0





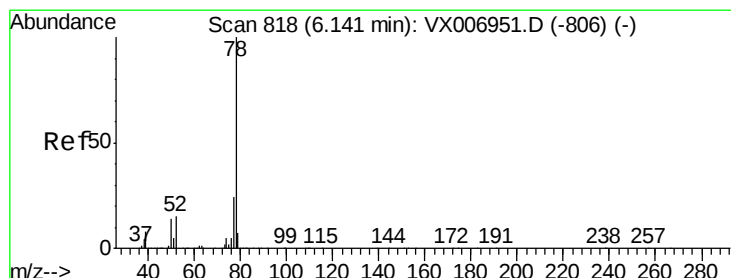
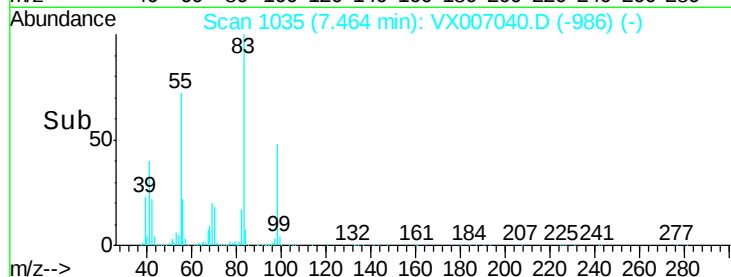
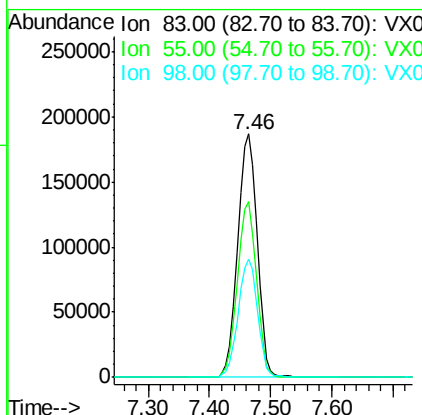
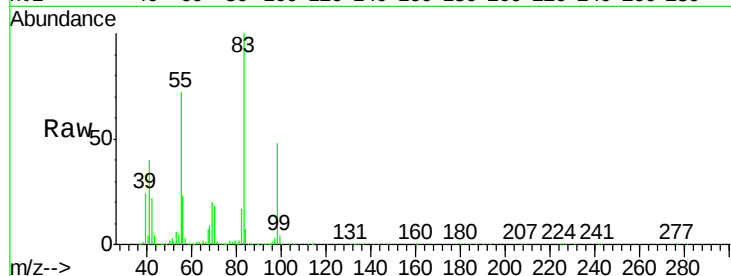
#39
Methvlcvclohexane
Concen: 47.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	54.9	82.3
98	48.5	37.9	56.9

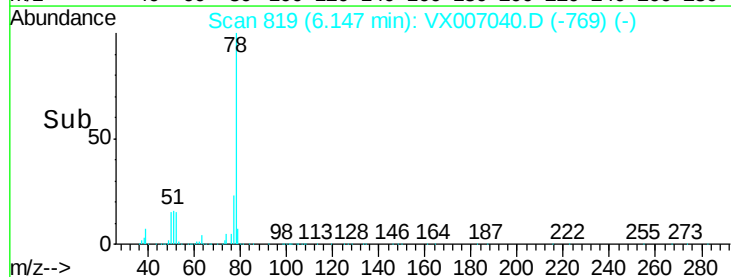
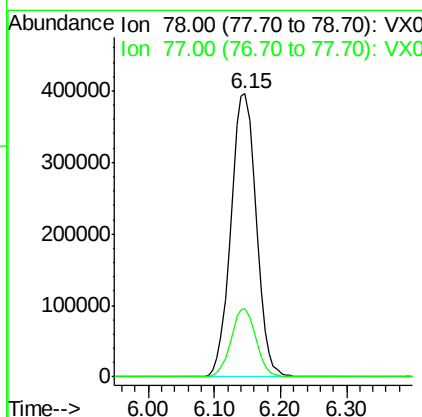
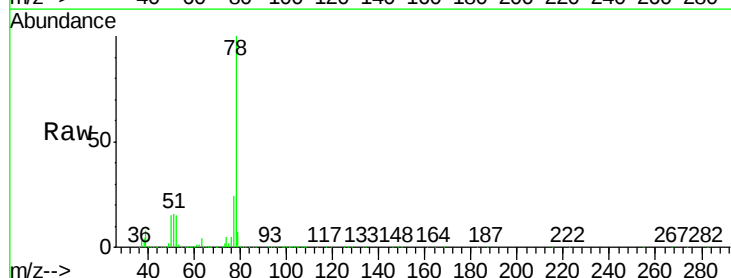
Manual Integrations
APPROVED

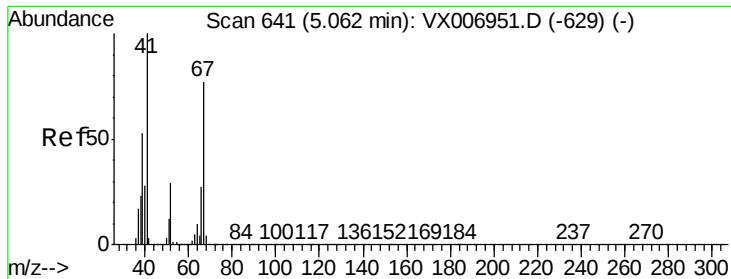
MMDadoda
1/15/2019 11:13:21 AM



#40
Benzene
Concen: 51.201 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 48.357 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007040.D

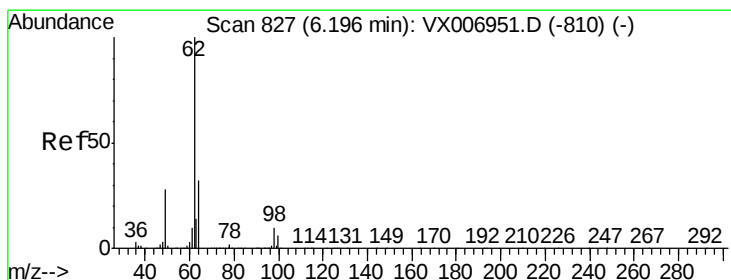
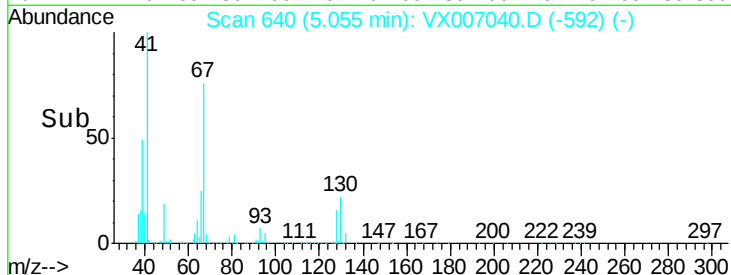
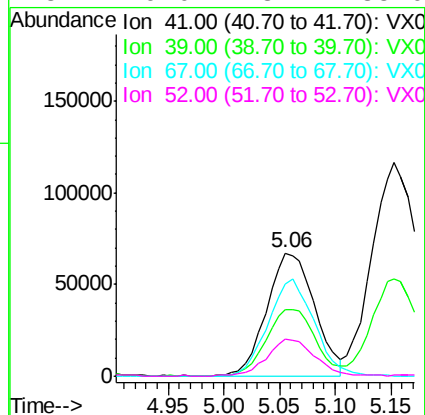
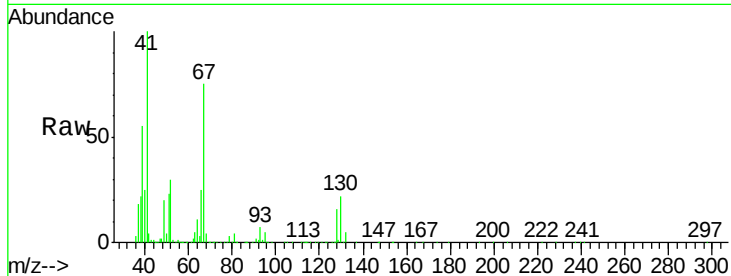
Acq: 14 Jan 2019 15:36

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	42.8	64.2
67	75.8	62.1	93.1
52	29.0	23.4	35.0

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#42

1,2-Dichloroethane

Concen: 49.080 ug/l

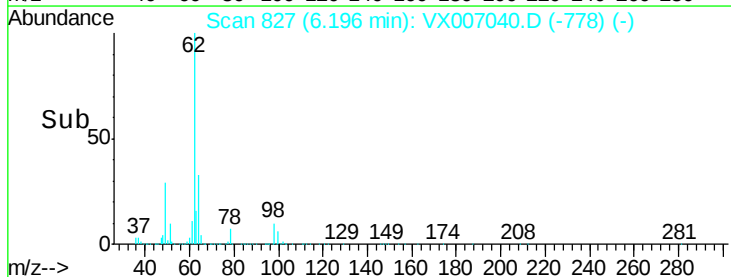
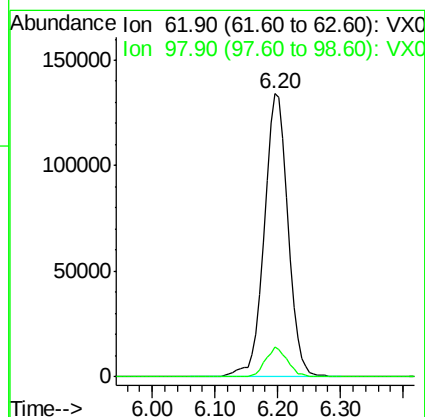
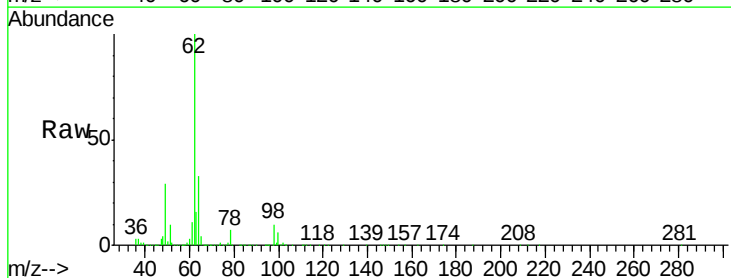
RT: 6.20 min Scan# 827

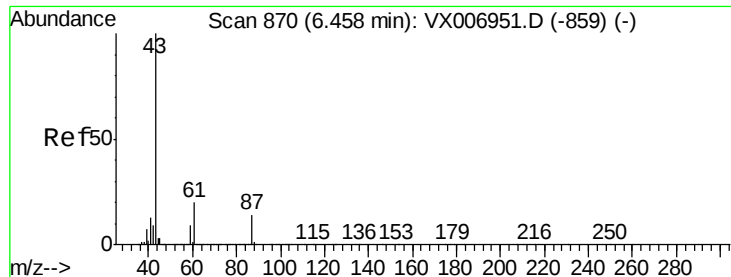
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

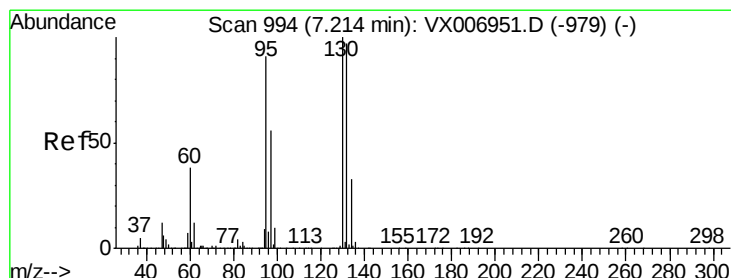
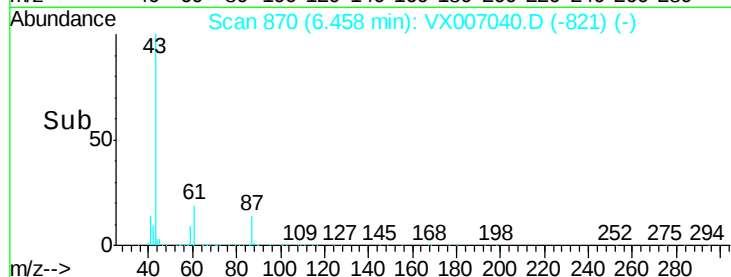
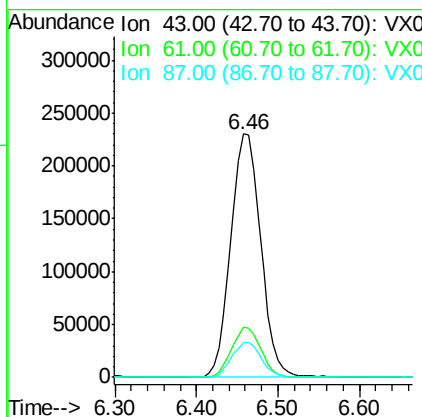
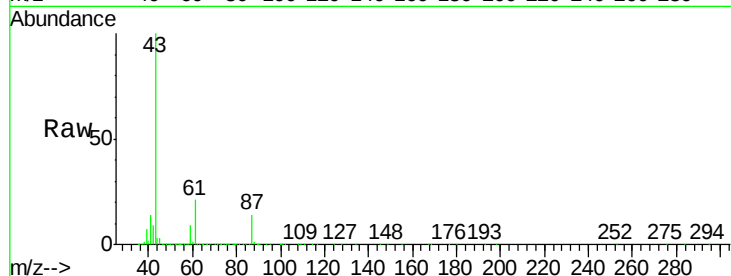
Isopropyl Acetate
 Concen: 50.935 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.3	12.4	18.6

Manual Integrations
 APPROVED

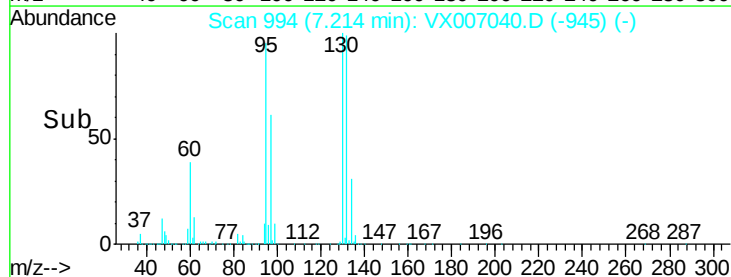
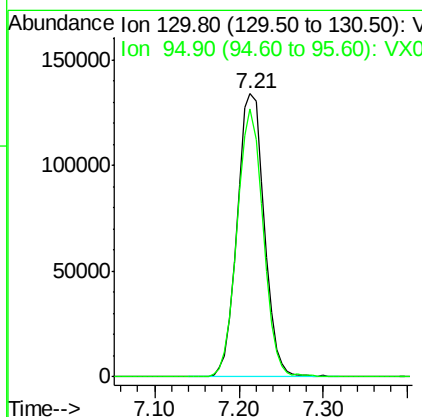
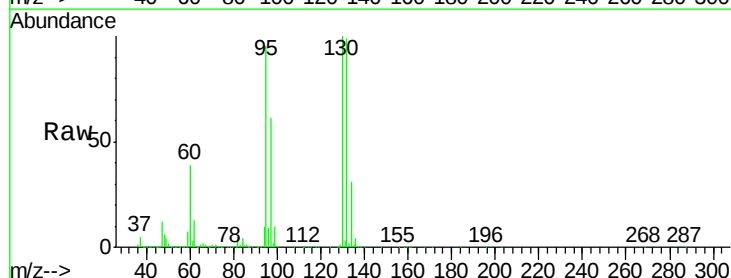
MMDadoda
 1/15/2019 11:13:21 AM

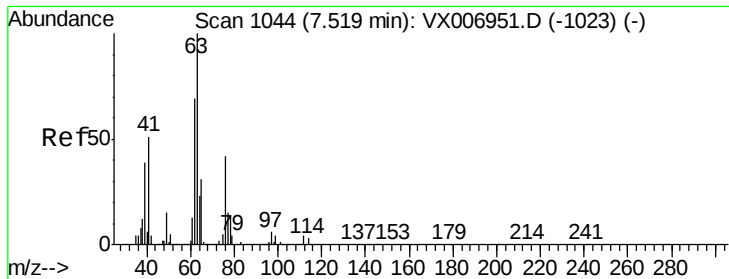


#44

Trichloroethene
 Concen: 46.694 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 48.493 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 63 Resp: 251674

Ion Ratio Lower Upper

63 100

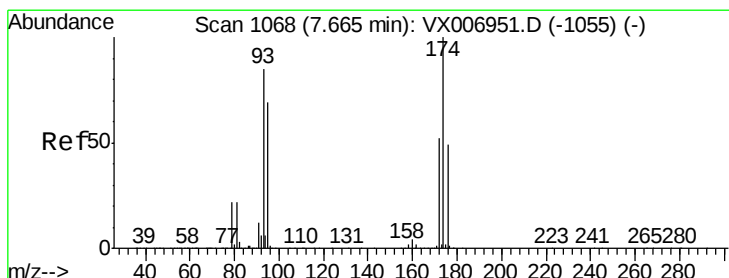
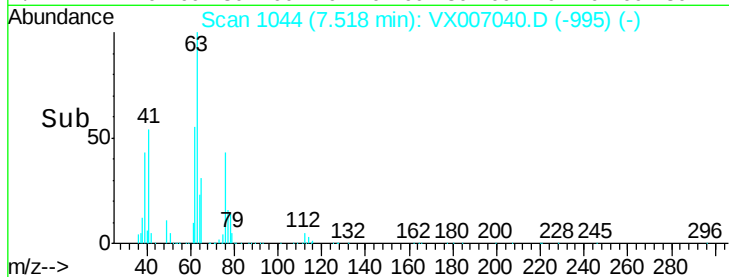
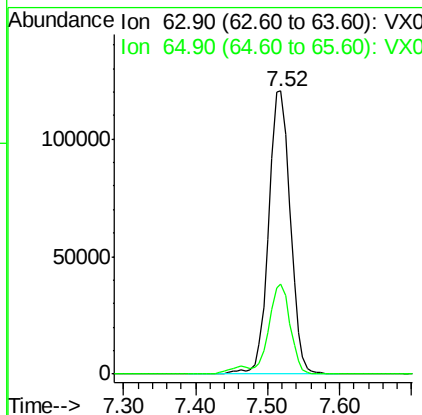
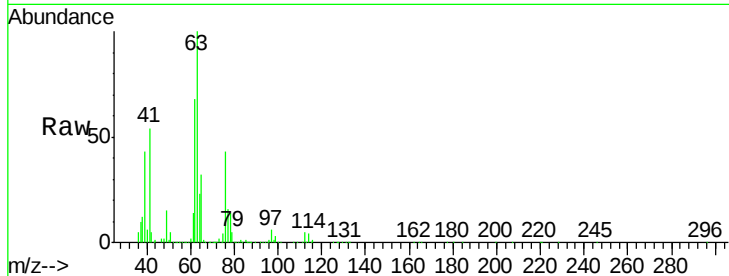
65 31.8 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#46

Dibromomethane

Concen: 49.905 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

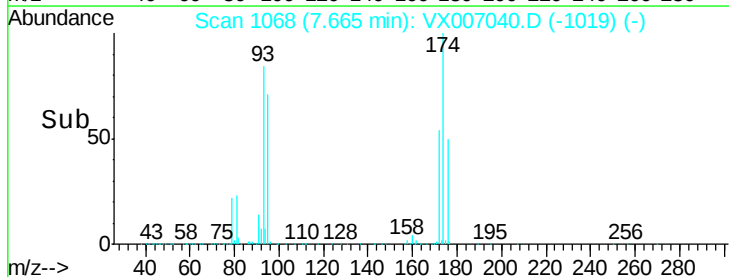
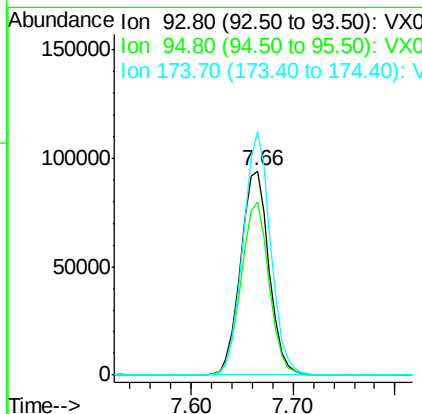
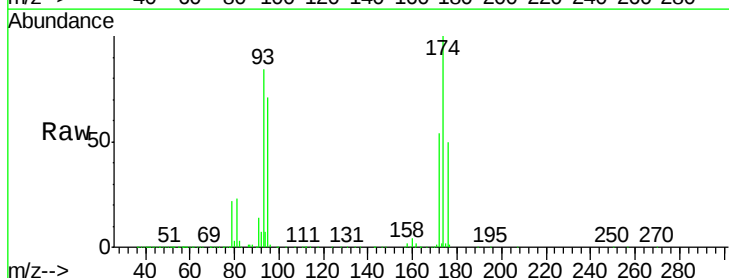
Tgt Ion: 93 Resp: 182027

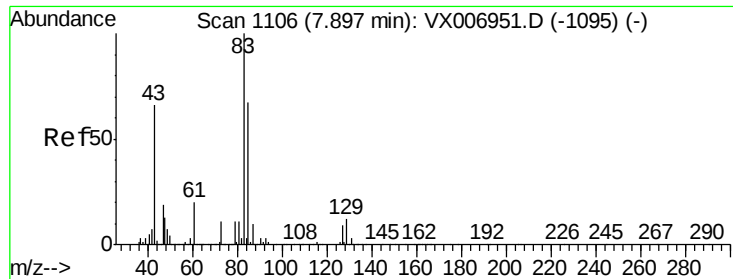
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 116.0 91.0 136.4





#47

Bromodichloromethane

Concen: 52.077 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

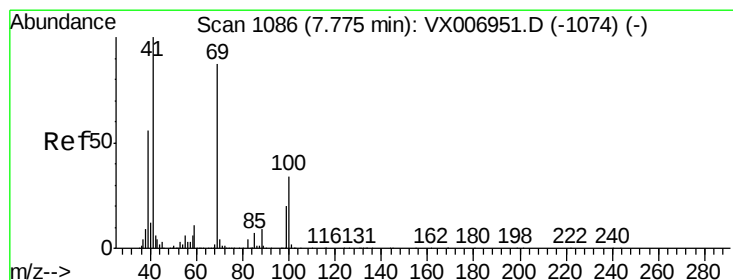
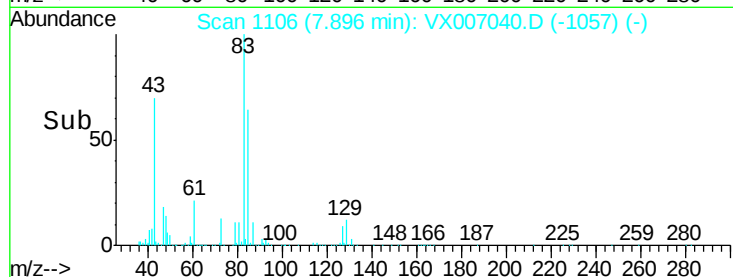
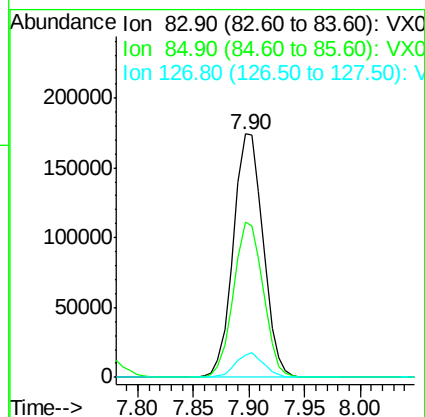
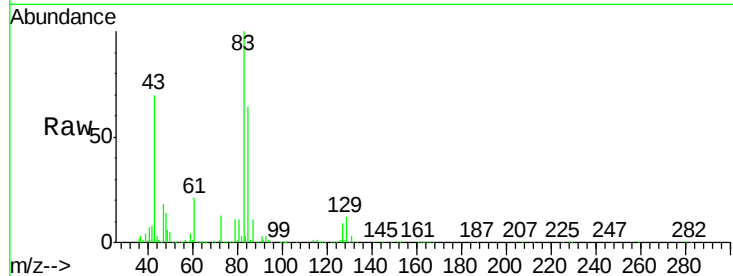
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	83	Resp:	323324
Ion Ratio	Lower	Upper	
83	100		
85	63.6	53.2	79.8
127	8.9	7.8	11.6

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#48

Methyl methacrylate

Concen: 51.190 ug/l

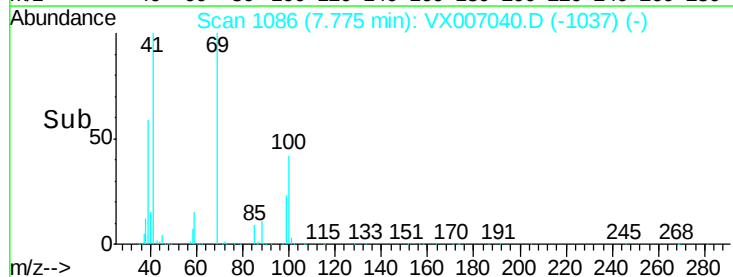
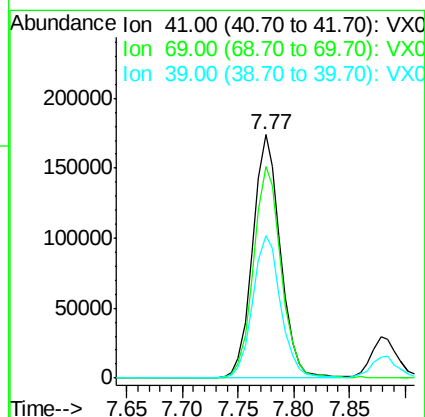
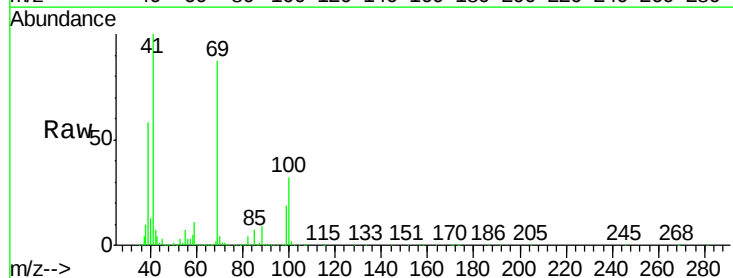
RT: 7.77 min Scan# 1086

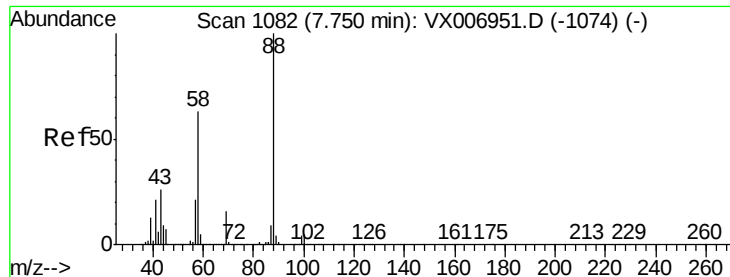
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	41	Resp:	300762
Ion Ratio	Lower	Upper	
41	100		
69	87.4	72.4	108.6
39	59.1	45.8	68.8





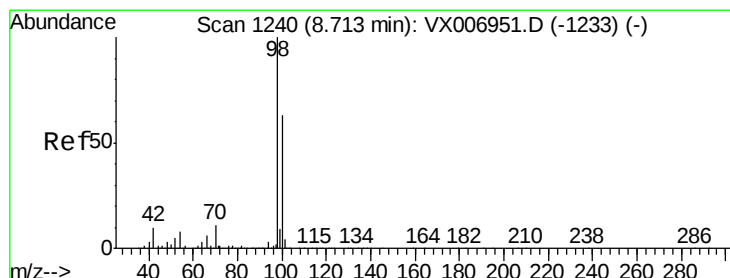
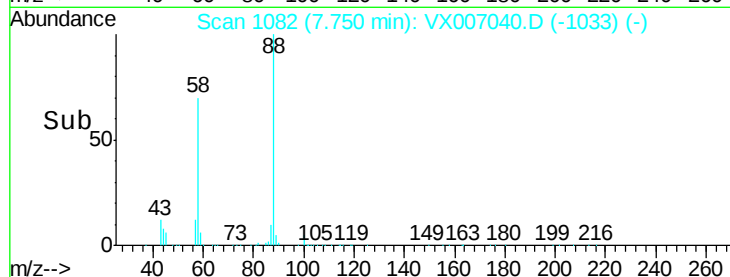
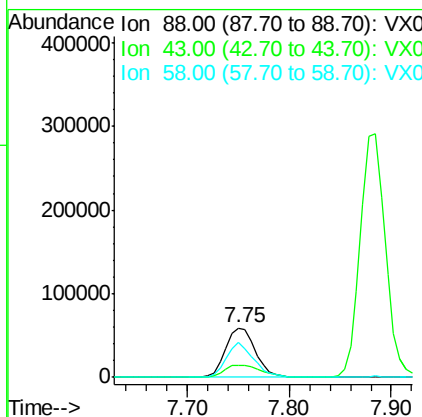
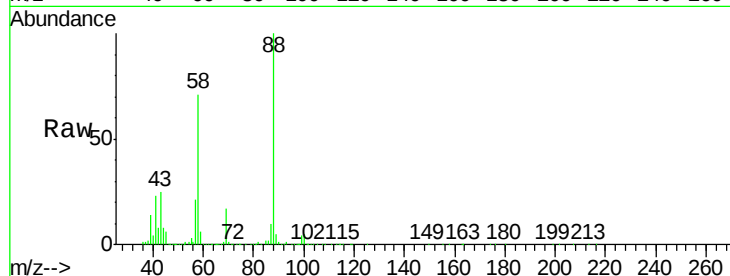
#49
1,4-Dioxane
Concen: 889.038 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	22.2	33.4
58	65.1	51.0	76.4

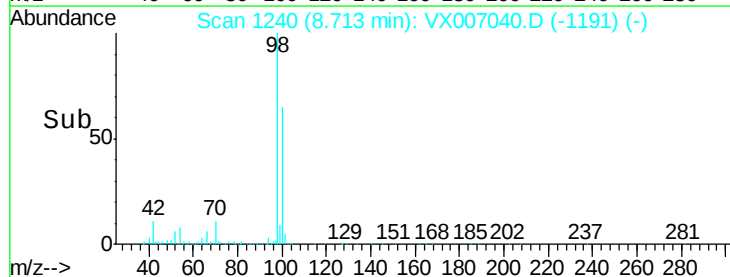
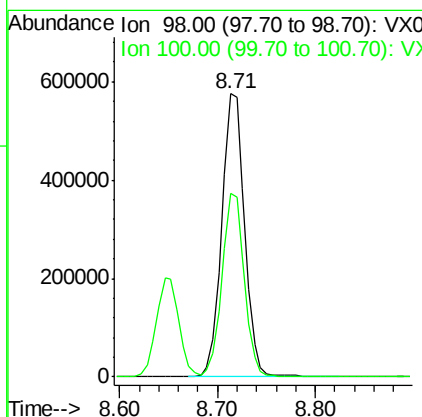
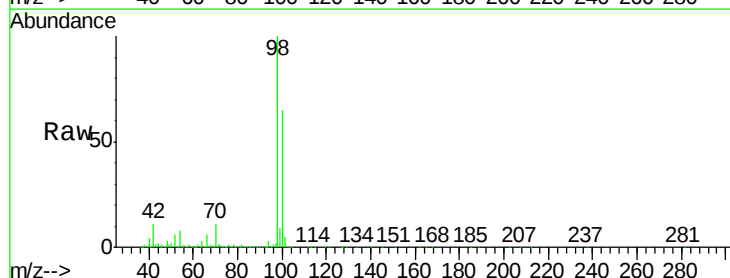
Manual Integrations
APPROVED

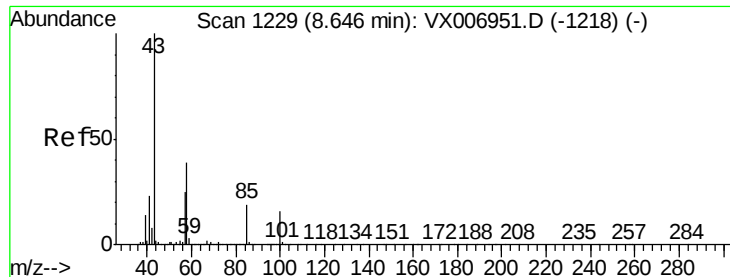
MMDadoda
1/15/2019 11:13:21 AM



#50
Toluene-d8
Concen: 50.748 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 267.438 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 43 Resp: 1966396

Ion Ratio Lower Upper

43 100

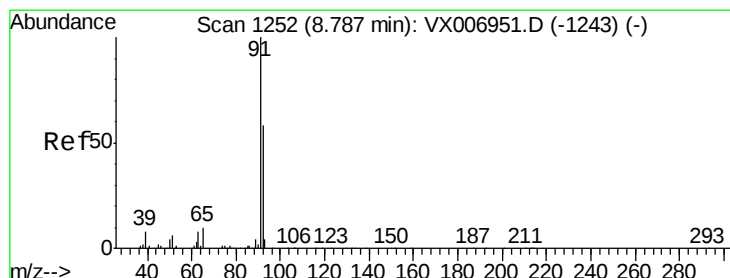
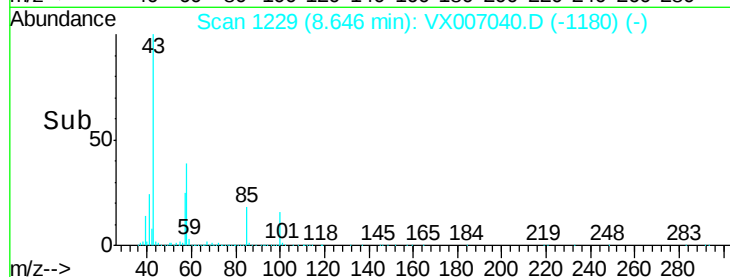
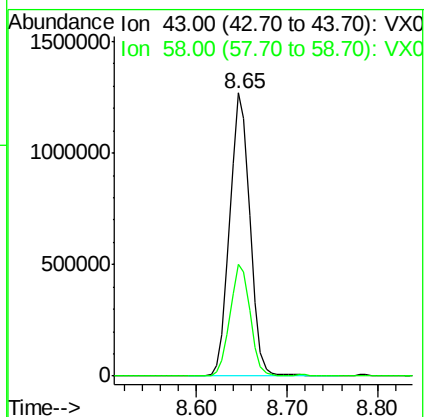
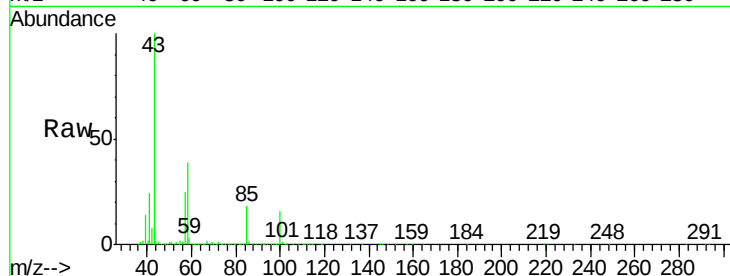
58 39.3 31.8 47.6

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#52

Toluene

Concen: 49.732 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007040.D

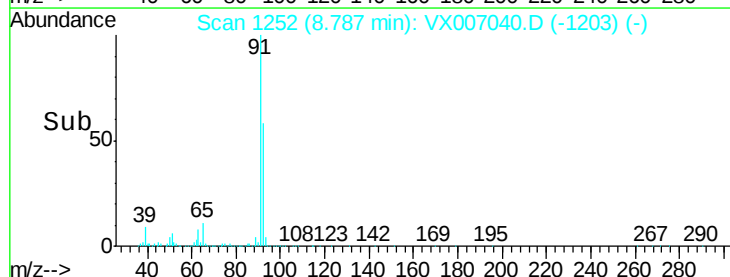
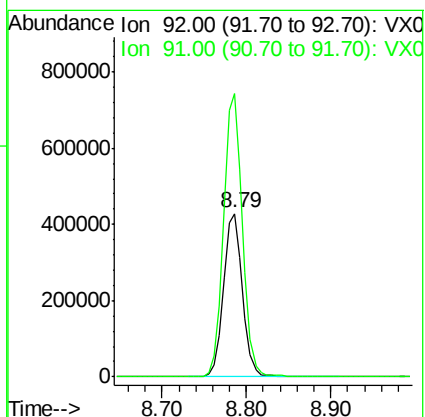
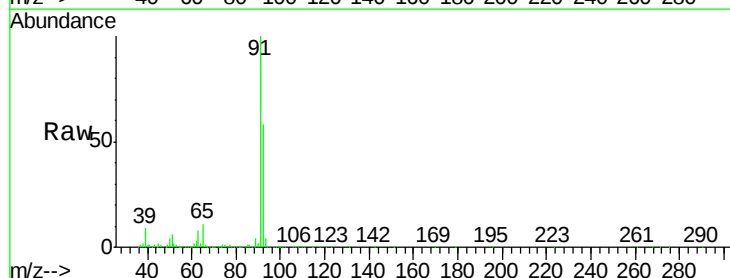
Acq: 14 Jan 2019 15:36

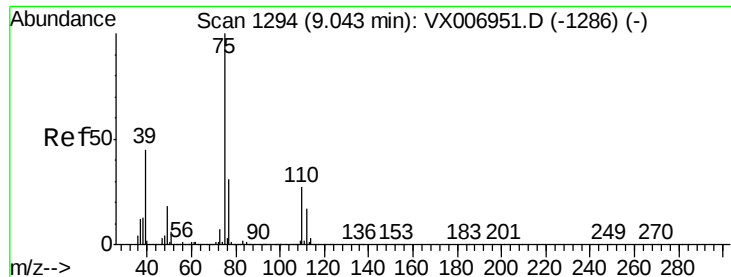
Tgt Ion: 92 Resp: 659862

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4





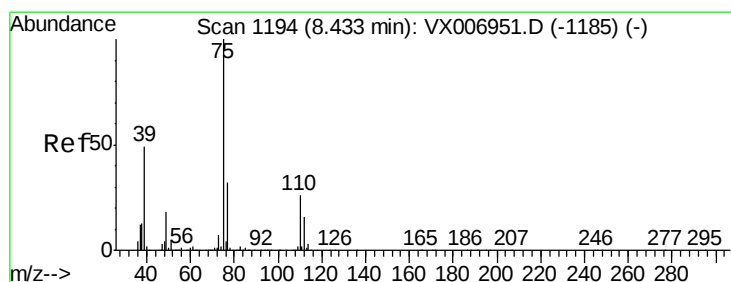
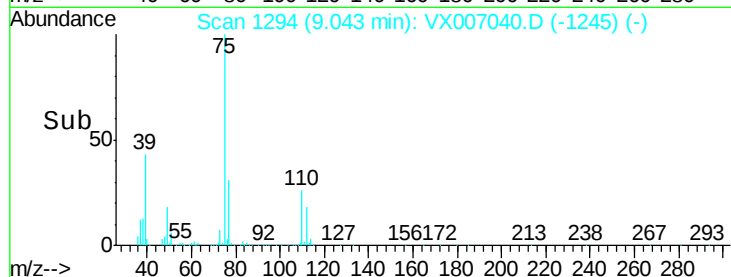
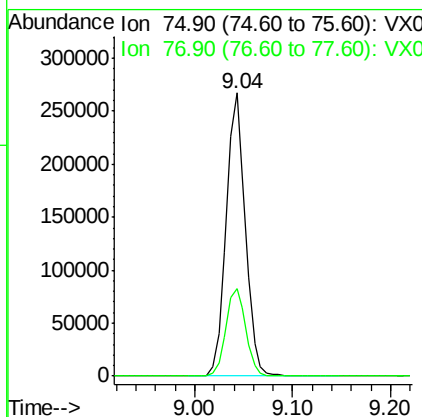
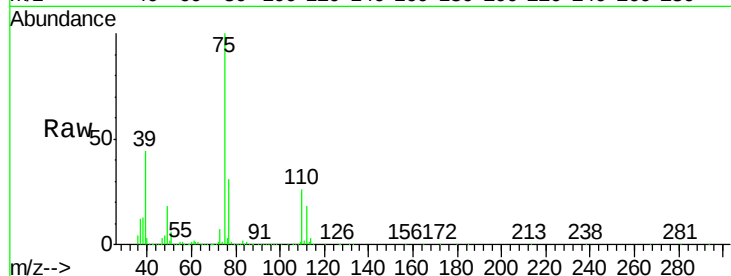
#53
t-1,3-Dichloropropene
Concen: 52.718 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0

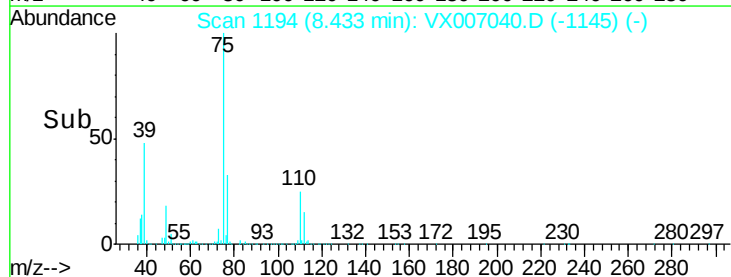
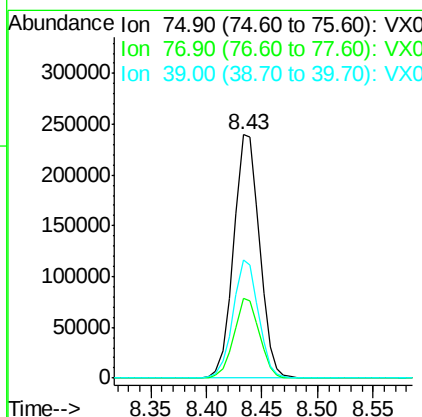
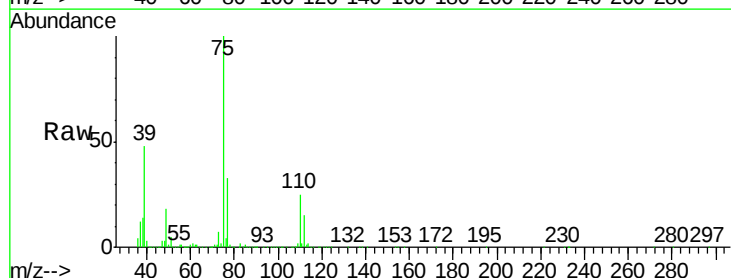
Manual Integrations
APPROVED

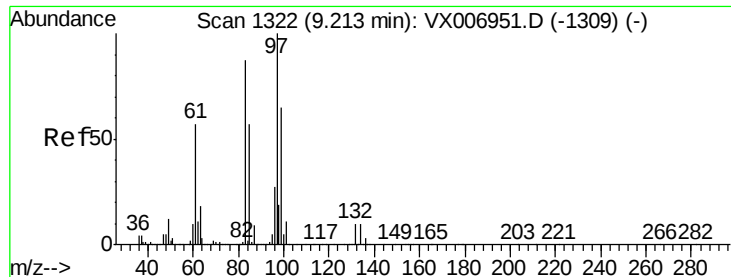
MMDadoda
1/15/2019 11:13:21 AM



#54
cis-1,3-Dichloropropene
Concen: 50.896 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2
39	48.2	36.7	55.1





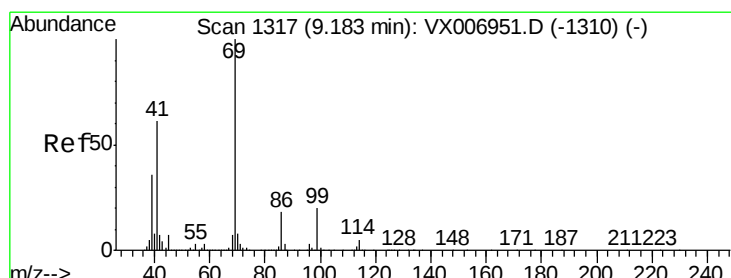
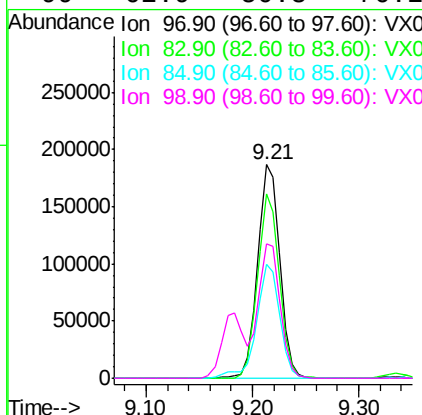
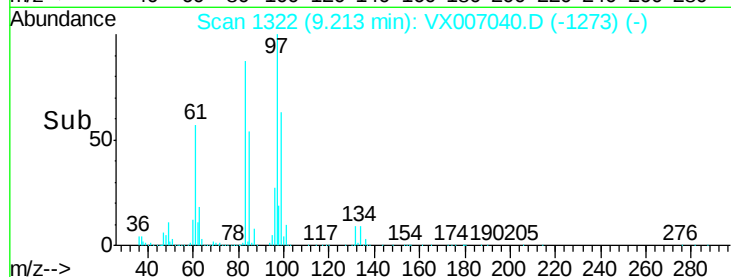
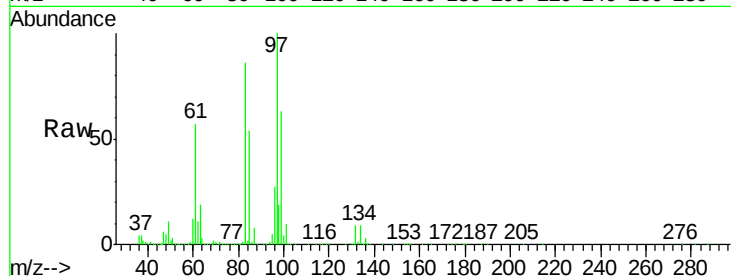
#55
 1,1,2-Trichloroethane
 Concen: 51.662 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		274370		
83	86.4	66.6	99.8		
85	53.6	42.7	64.1		
99	62.9	50.8	76.2		

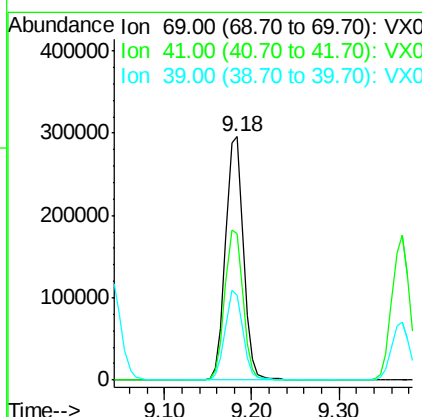
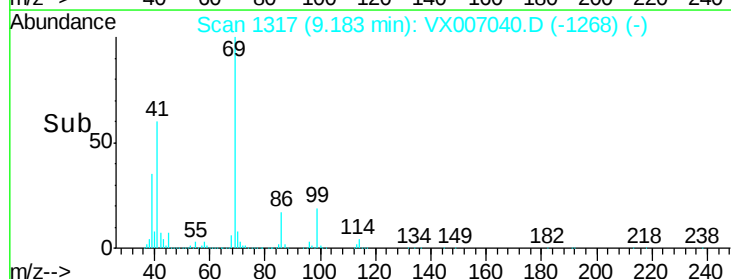
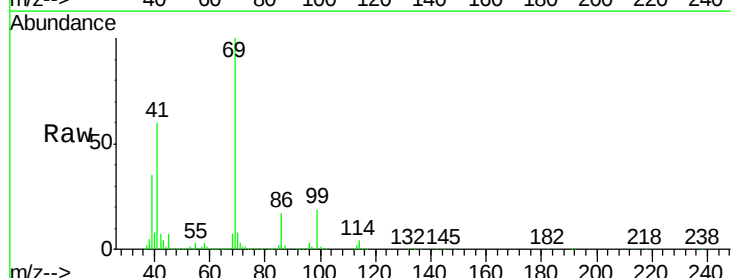
Manual Integrations
 APPROVED

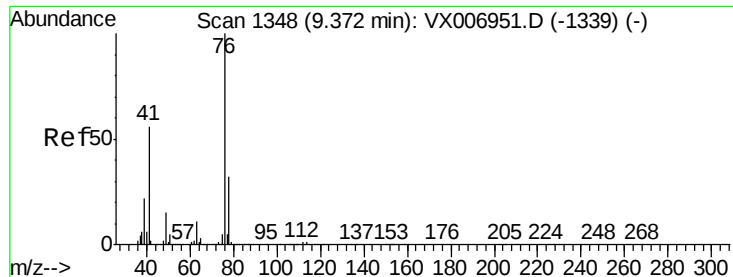
MMDadoda
 1/15/2019 11:13:21 AM



#56
 Ethyl methacrylate
 Concen: 54.229 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		420445		
41	62.1	48.7	73.1		
39	36.2	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.826 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 76 Resp: 442220

Ion Ratio Lower Upper

76 100

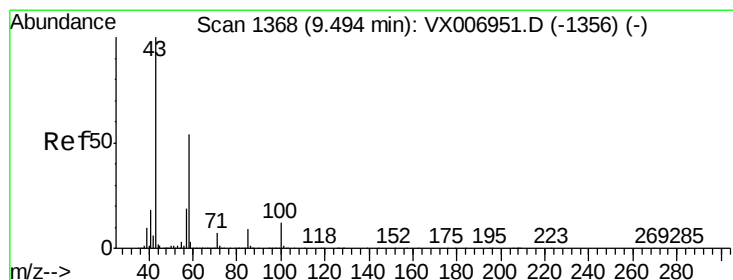
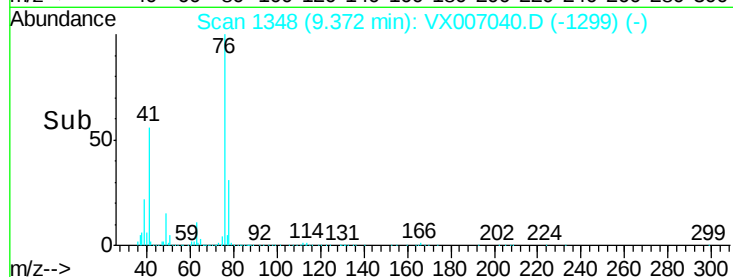
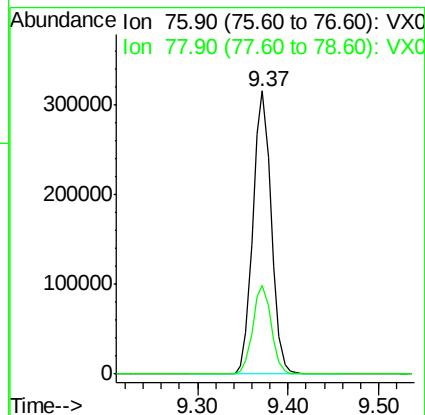
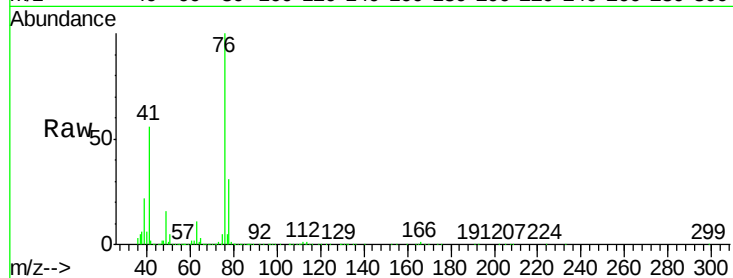
78 31.7 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#59

2-Hexanone

Concen: 265.187 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007040.D

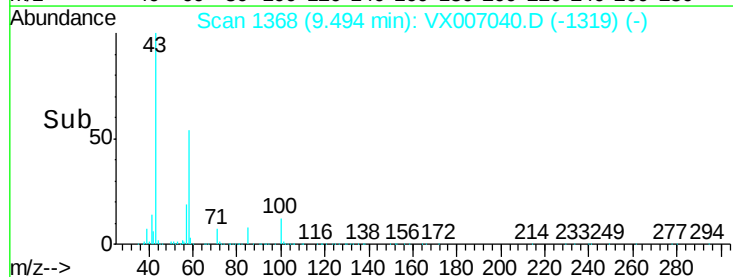
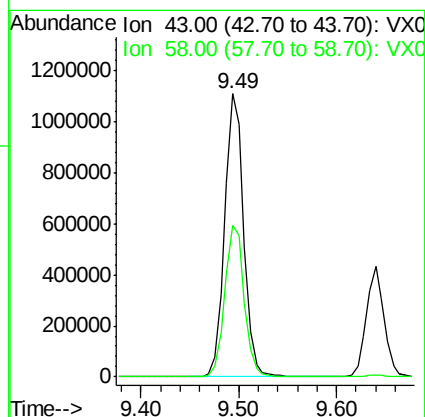
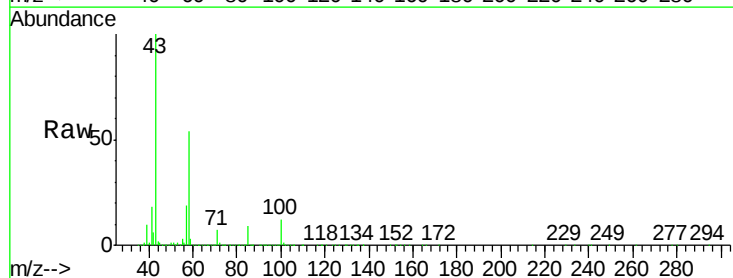
Acq: 14 Jan 2019 15:36

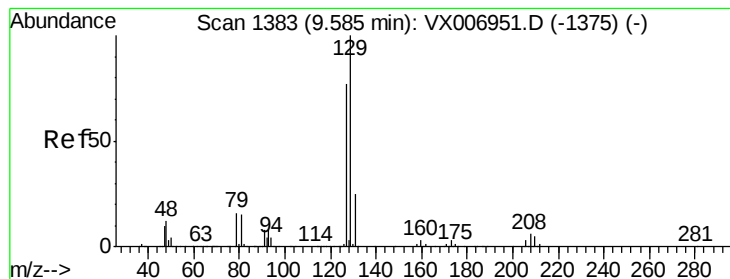
Tgt Ion: 43 Resp: 1485892

Ion Ratio Lower Upper

43 100

58 54.8 27.7 83.1





#60

Dibromochloromethane

Concen: 55.599 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion:129 Resp: 286726

Ion Ratio Lower Upper

129 100

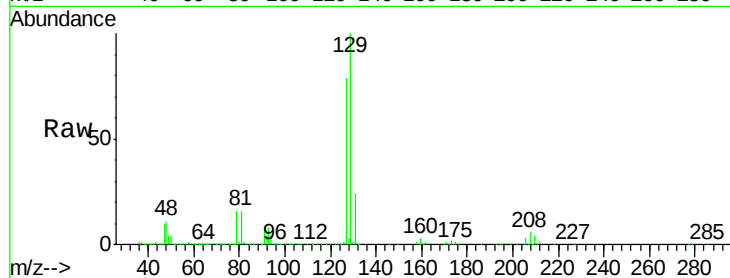
127 77.5 39.3 117.8

Manual Integrations

APPROVED

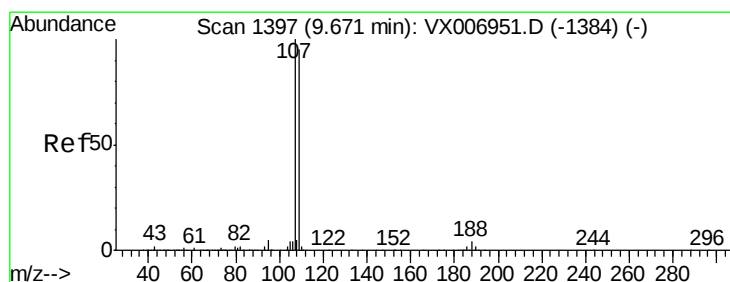
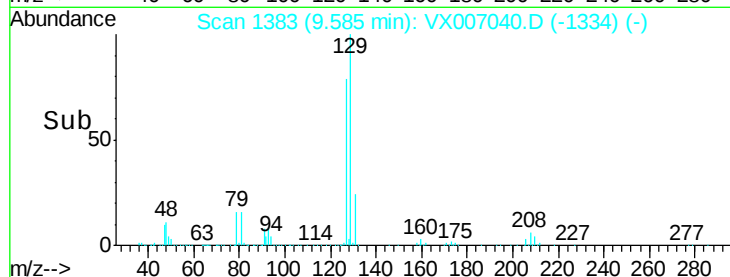
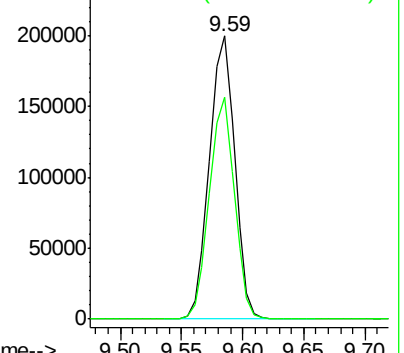
MMDadoda

1/15/2019 11:13:21 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.271 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007040.D

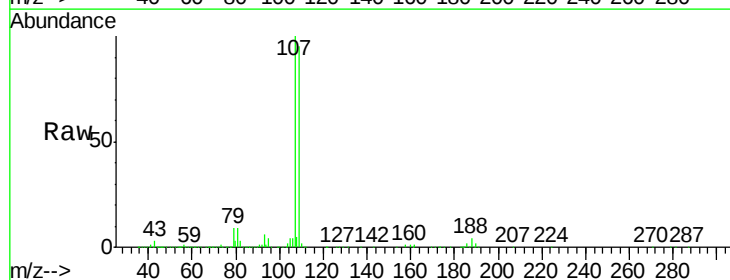
Acq: 14 Jan 2019 15:36

Tgt Ion:107 Resp: 299768

Ion Ratio Lower Upper

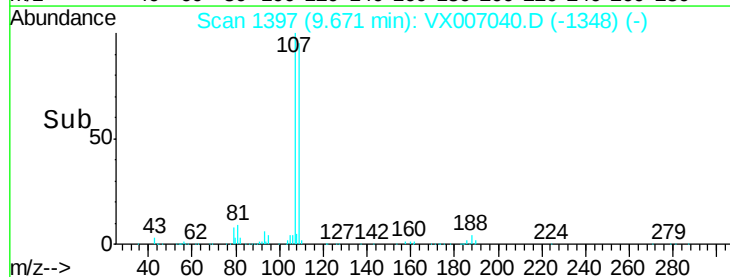
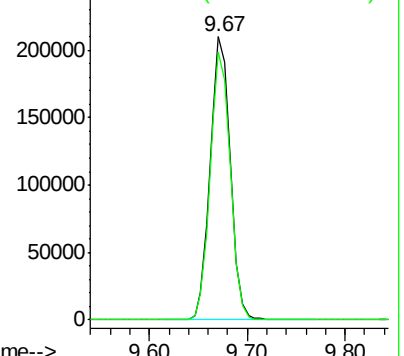
107 100

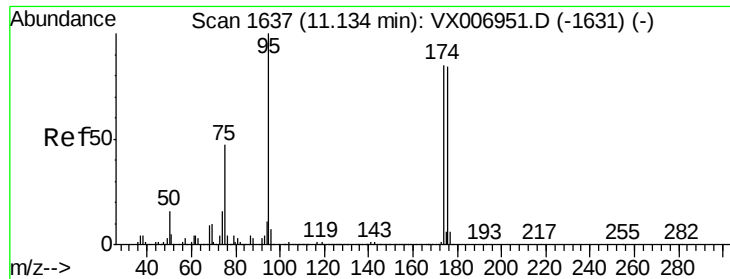
109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





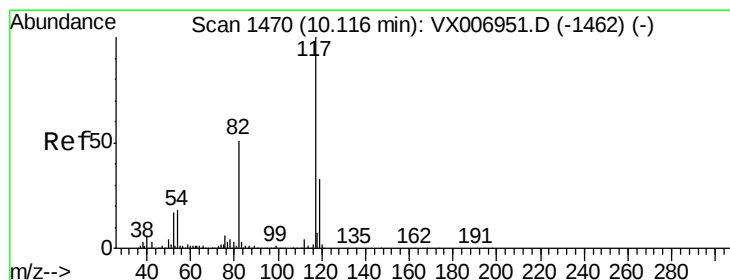
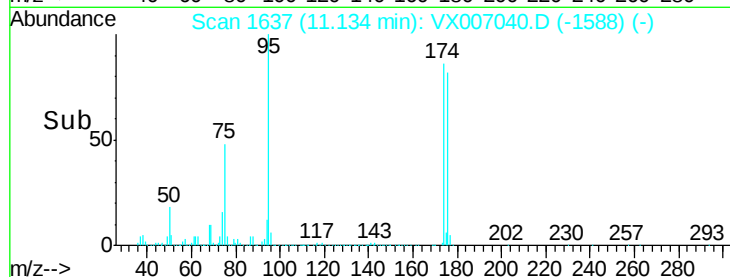
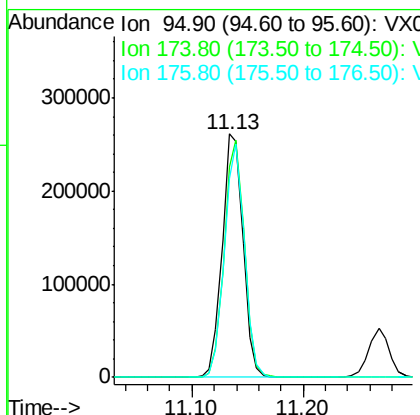
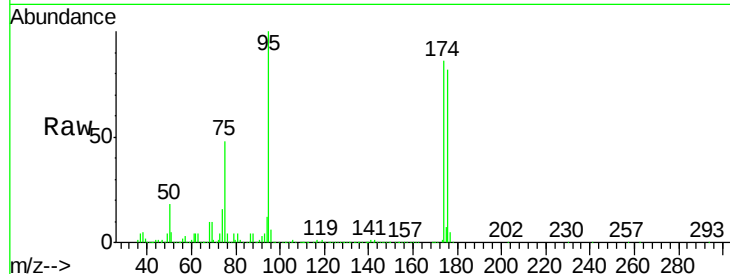
#62
4-Bromofluorobenzene
Concen: 53.257 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	338667		
174	94.0	0.0	182.2	
176	92.2	0.0	178.8	

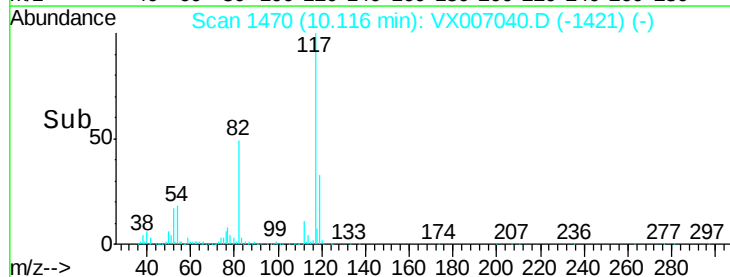
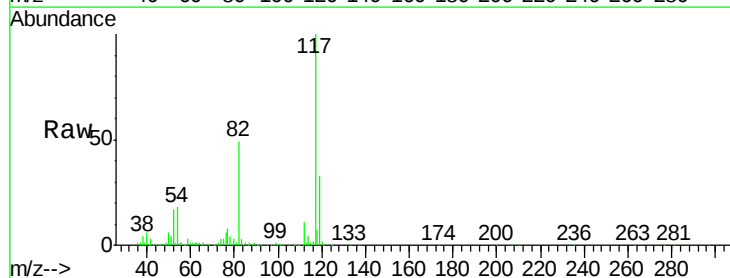
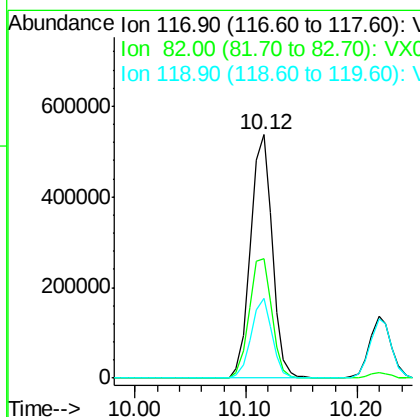
Manual Integrations
APPROVED

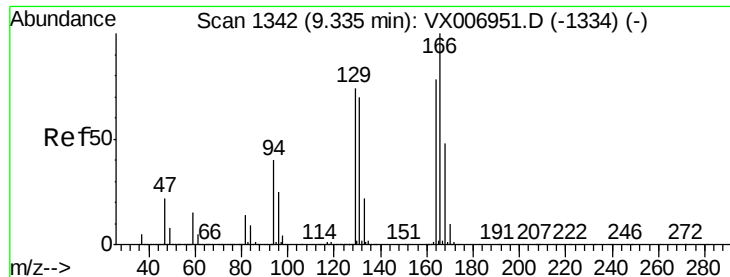
MMDadoda
1/15/2019 11:13:21 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	728722		
82	49.1	41.0	61.6	
119	33.0	25.4	38.0	





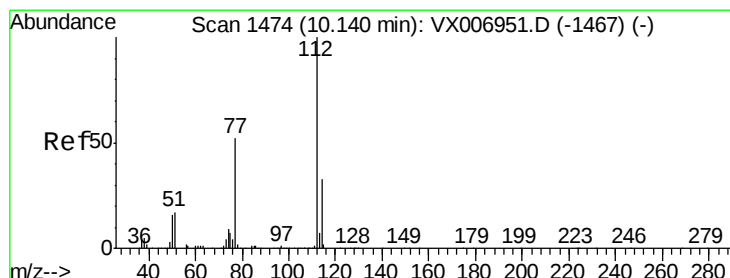
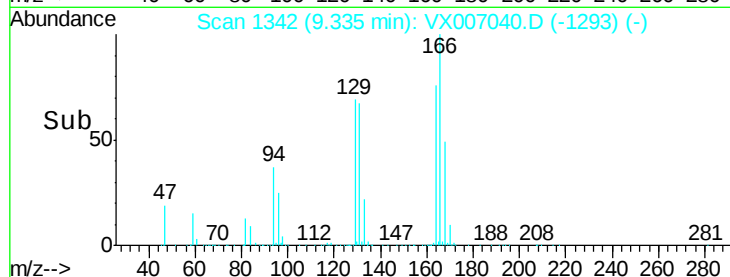
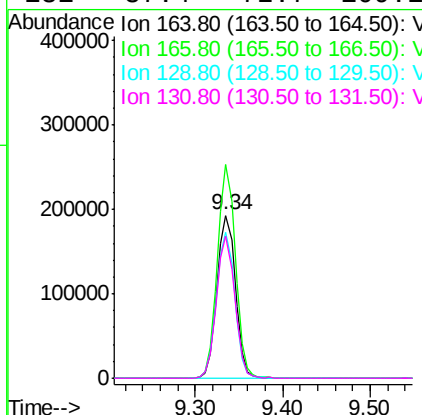
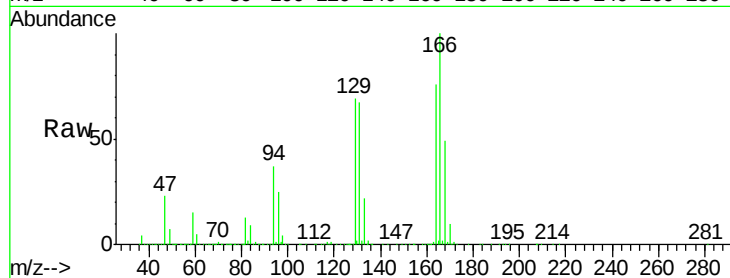
#64
Tetrachloroethene
Concen: 44.592 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.1	102.5	153.7	
129	89.9	75.1	112.7	
131	87.4	72.7	109.1	

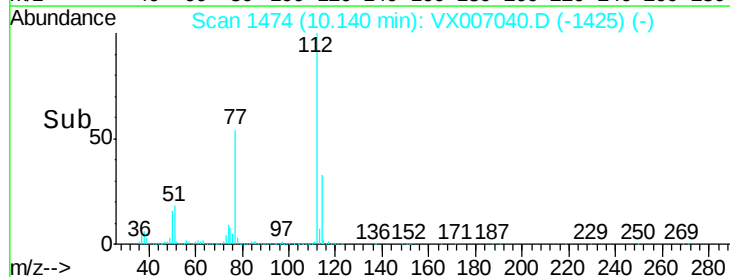
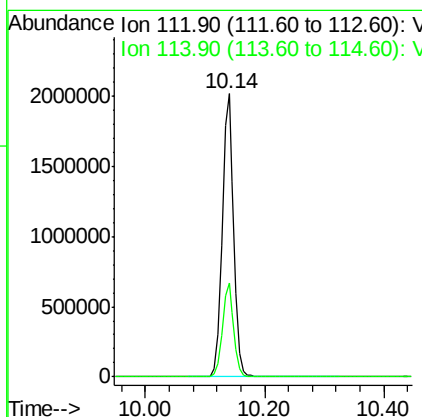
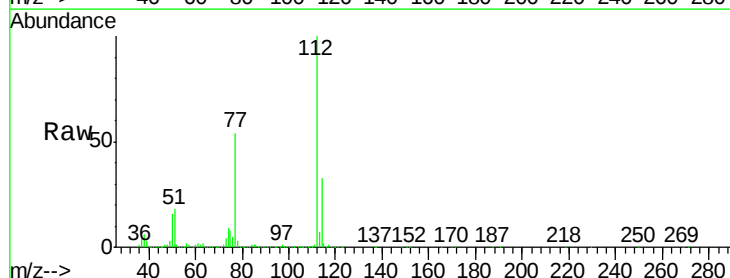
Manual Integrations
APPROVED

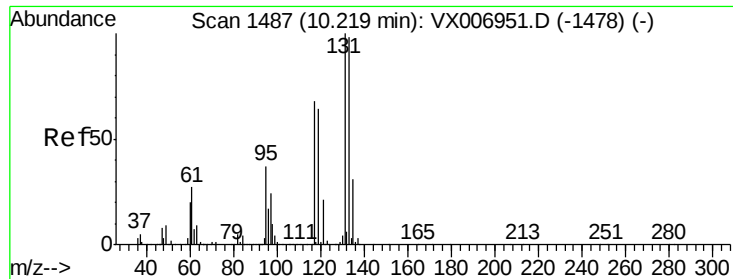
MMDadoda
1/15/2019 11:13:21 AM



#65
Chlorobenzene
Concen: 169.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	33.3	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 51.875 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

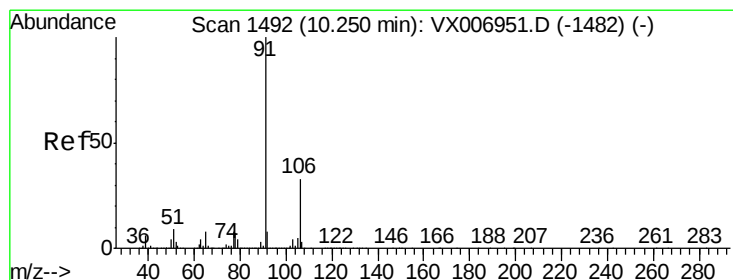
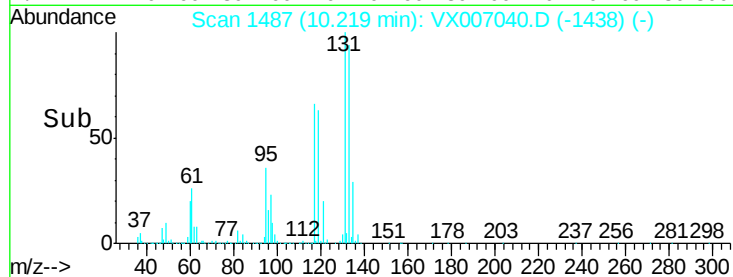
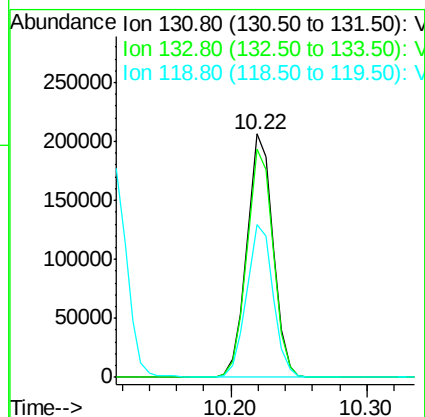
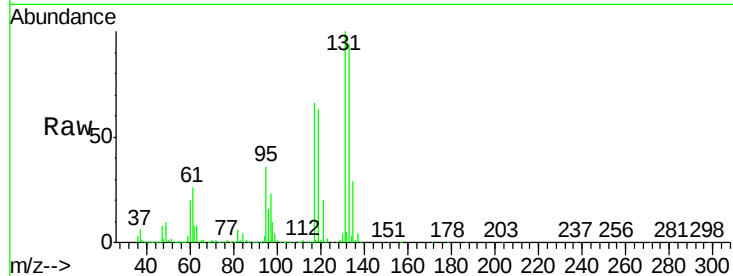
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	131	Resp:	277361
Ion Ratio	Lower	Upper	
131	100		
133	94.8	48.0	144.2
119	63.9	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#67

Ethyl Benzene

Concen: 47.980 ug/l

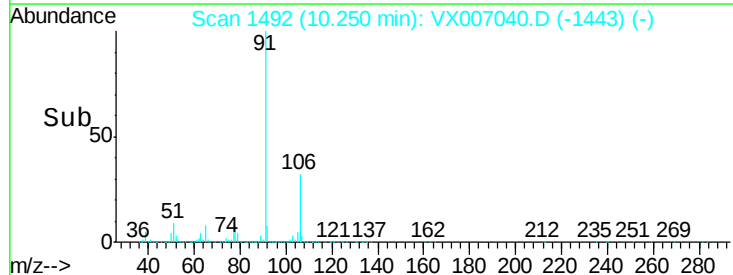
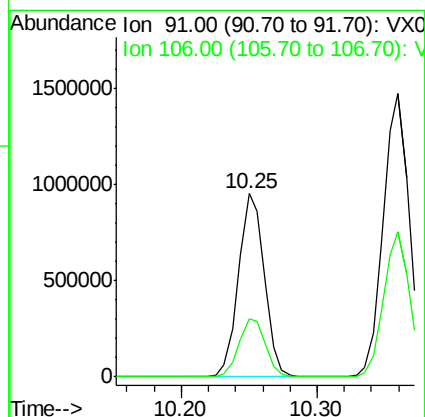
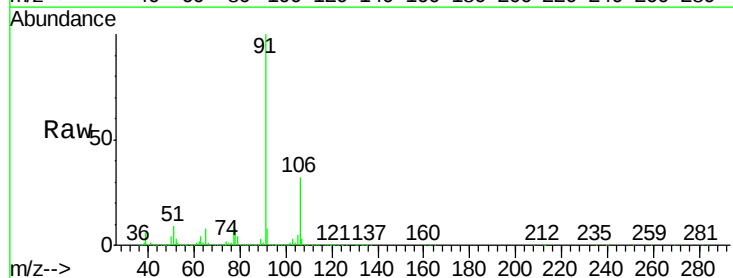
RT: 10.25 min Scan# 1492

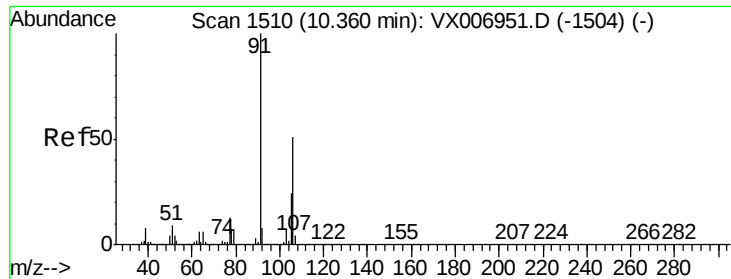
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	91	Resp:	1258934
Ion Ratio	Lower	Upper	
91	100		
106	31.9	26.4	39.6





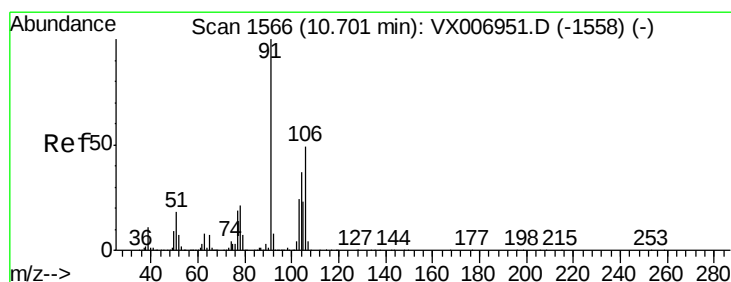
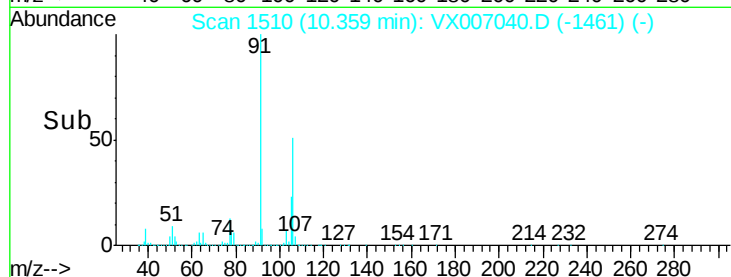
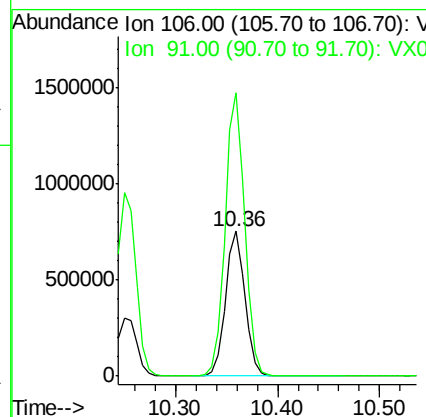
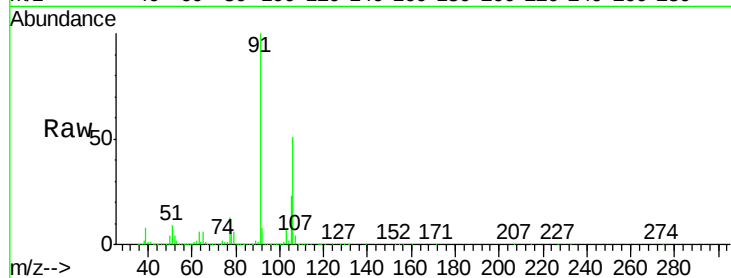
#68
m/p-Xylenes
Concen: 96.577 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	196.6	155.8	233.6

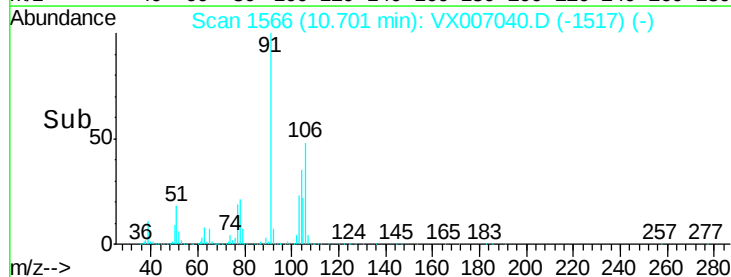
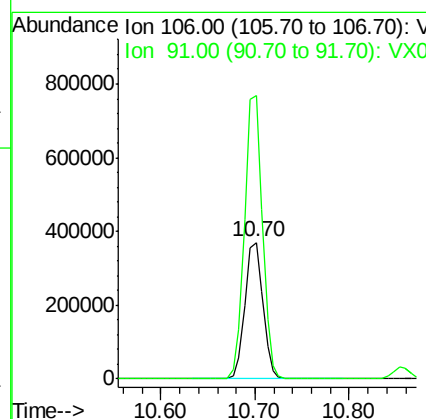
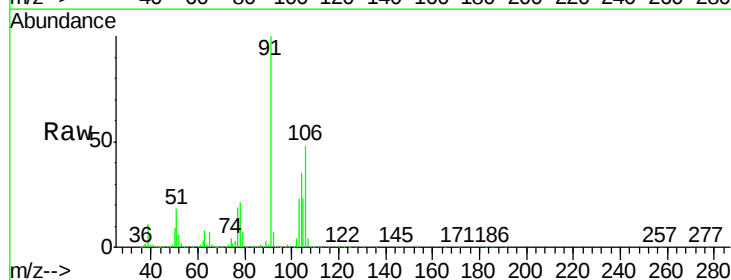
Manual Integrations
APPROVED

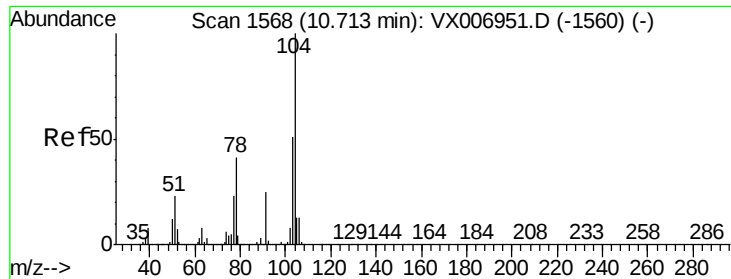
MMDadoda
1/15/2019 11:13:21 AM



#69
o-Xylene
Concen: 48.999 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.3	101.3	303.7





#70

Stvrene

Concen: 50.313 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

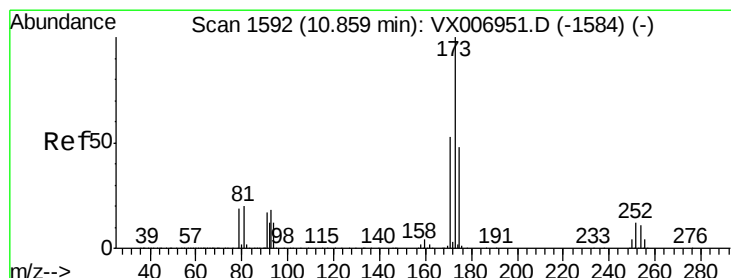
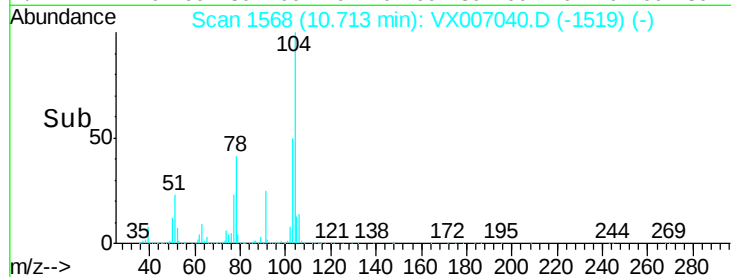
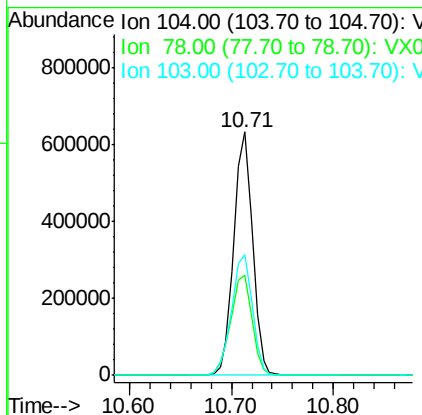
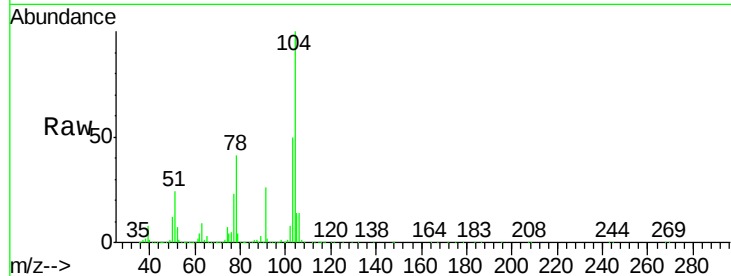
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	104	Resp:	803380
Ion Ratio	Lower	Upper	
104	100		
78	47.4	37.7	56.5
103	55.3	43.8	65.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#71

Bromoform

Concen: 46.705 ug/l

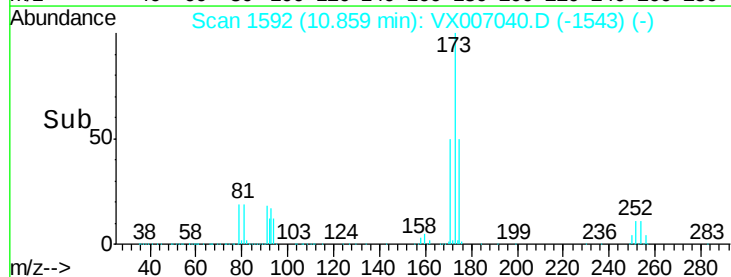
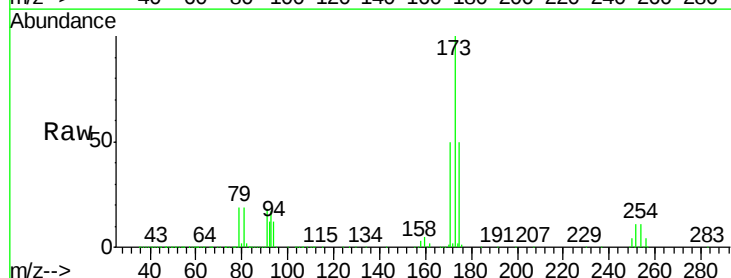
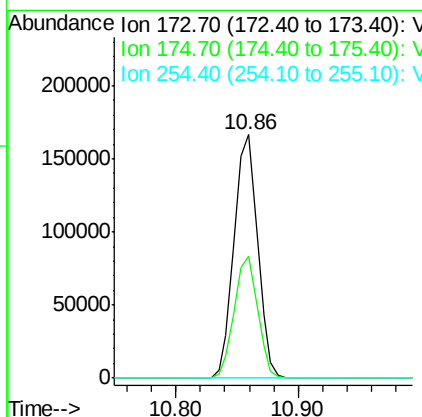
RT: 10.86 min Scan# 1592

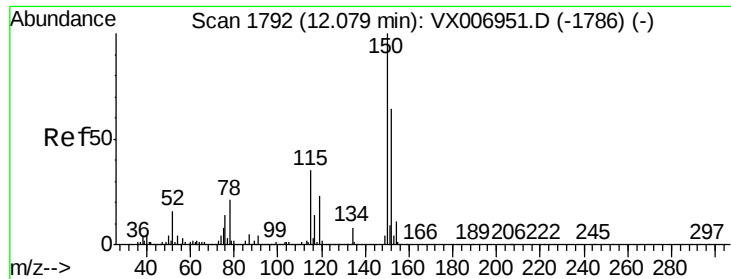
Delta R.T. 0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	173	Resp:	221767
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.7	74.1
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

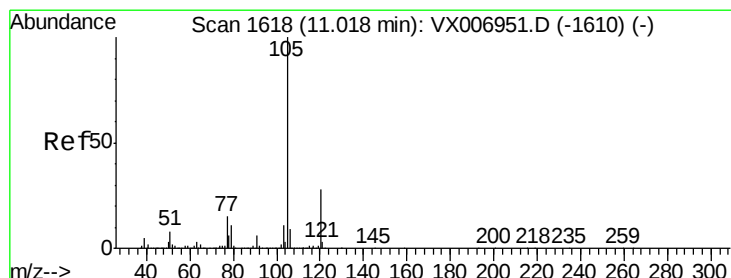
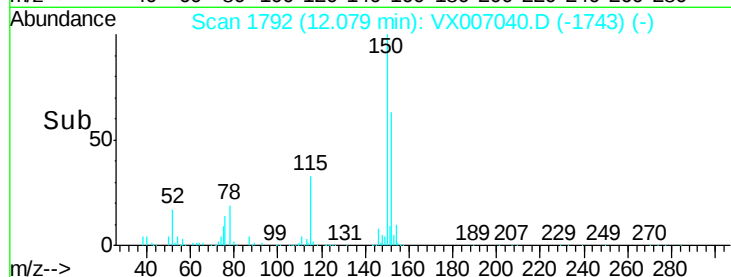
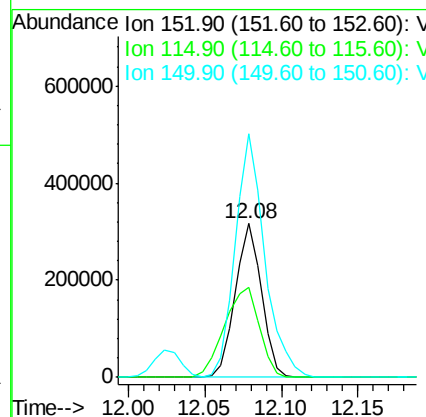
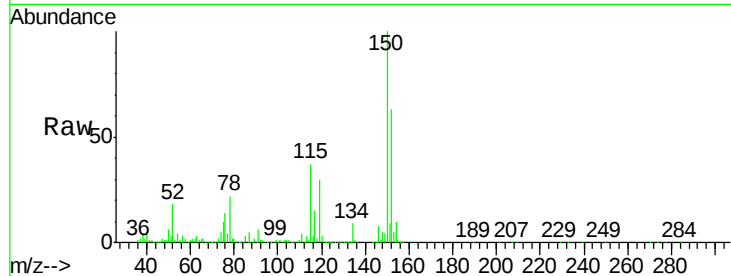
ClientSampleId :

WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.1	39.1	117.2
150	177.7	0.0	344.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#73

Isopropylbenzene

Concen: 48.496 ug/l

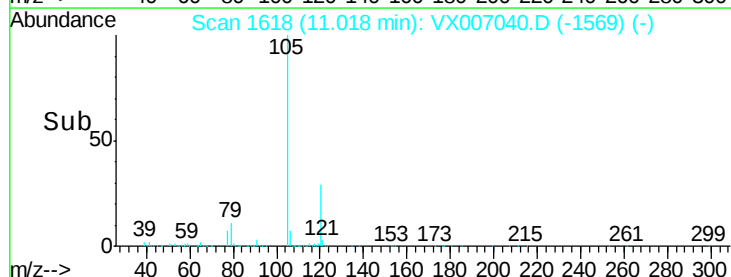
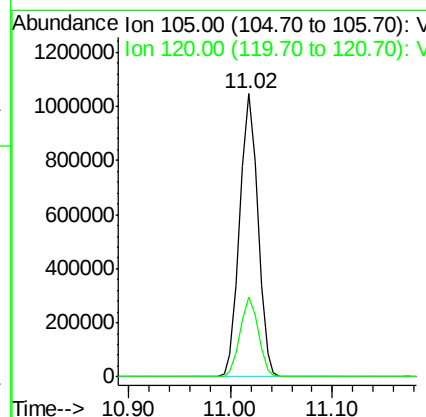
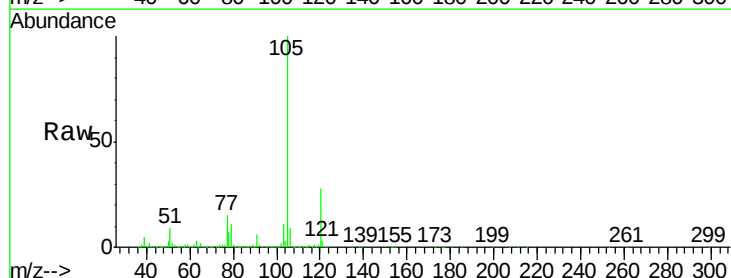
RT: 11.02 min Scan# 1618

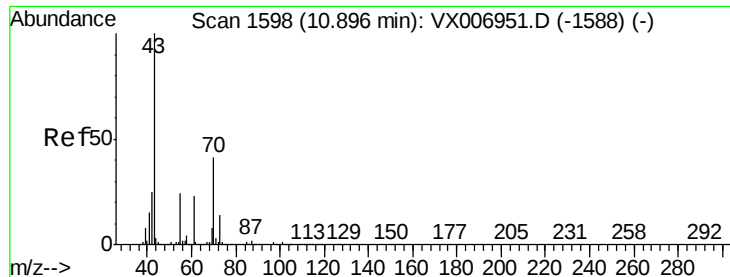
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	14.1	42.4





#74

N-amvl acetate

Concen: 51.143 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

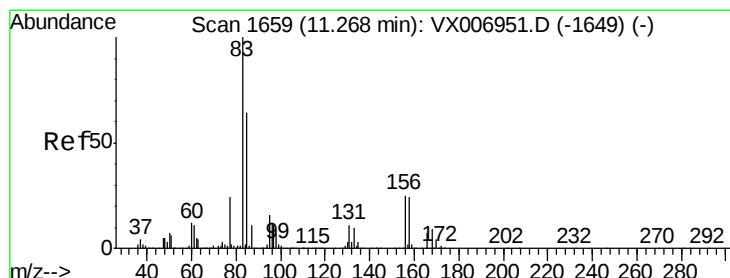
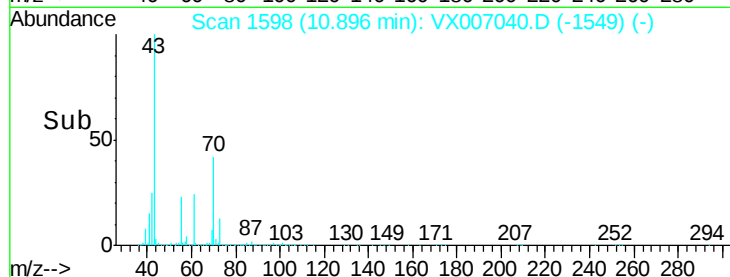
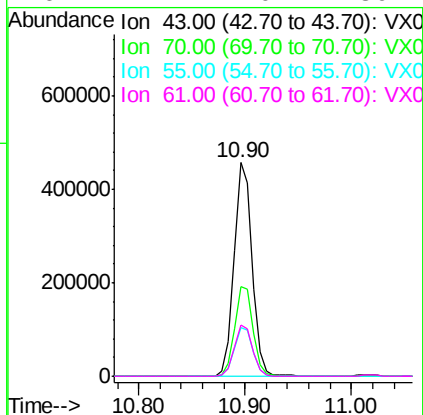
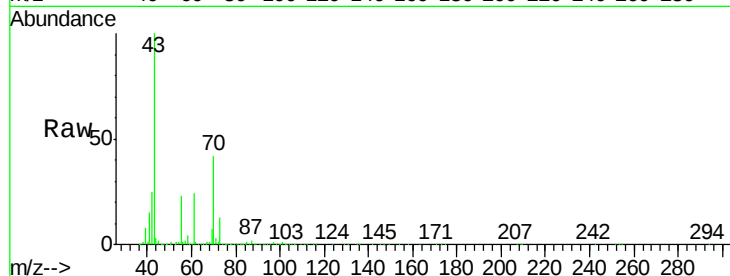
ClientSampleId :

WP022MW359-190109MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.9	35.8	53.8	
55	23.7	19.4	29.0	
61	24.2	20.1	30.1	

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.836 ug/l

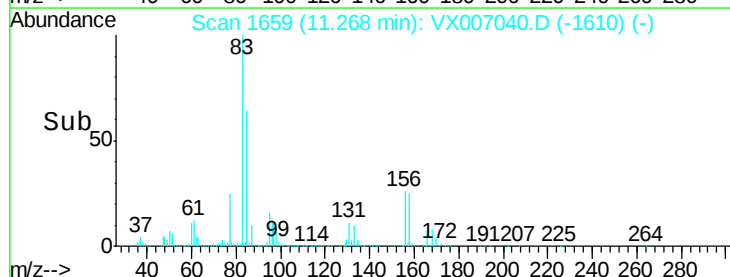
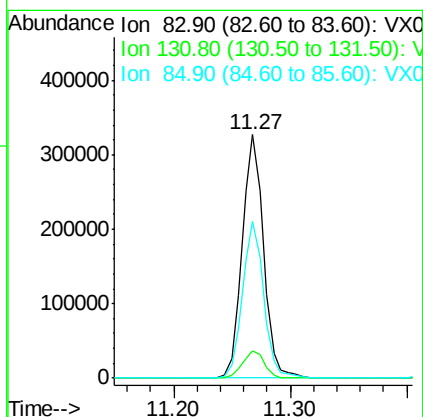
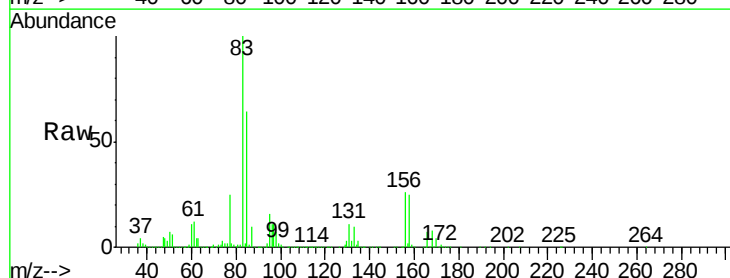
RT: 11.27 min Scan# 1659

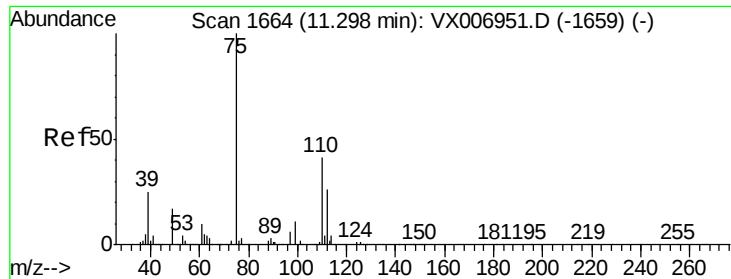
Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.5	5.7	17.1	
85	64.1	32.2	96.6	





#76

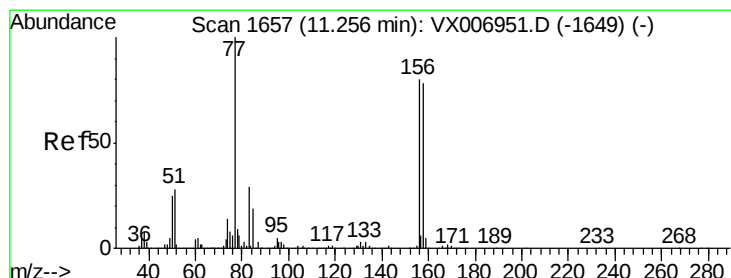
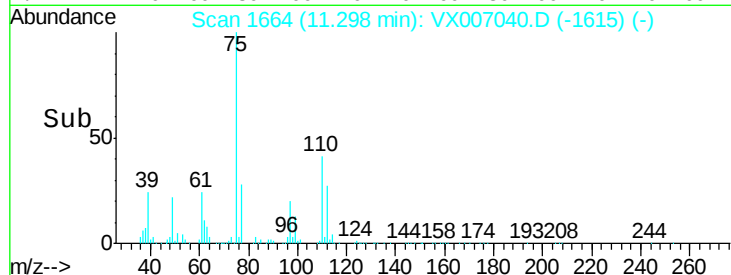
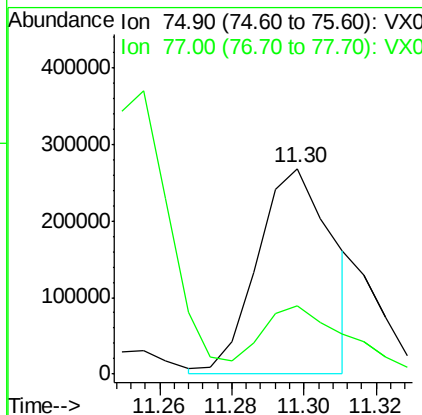
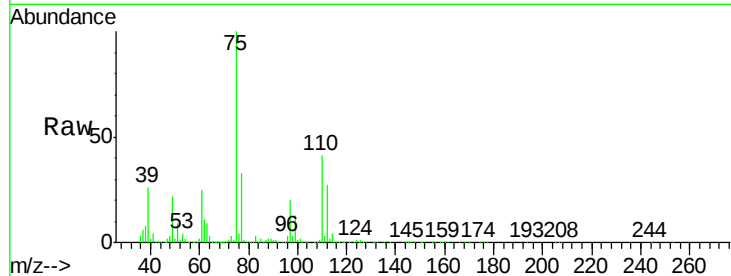
1,2,3-Trichloropropane
Concen: 50.852 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion: 75 Resp: 387070
Ion Ratio Lower Upper
75 100
77 38.2 18.5 55.5

Manual Integrations
APPROVED

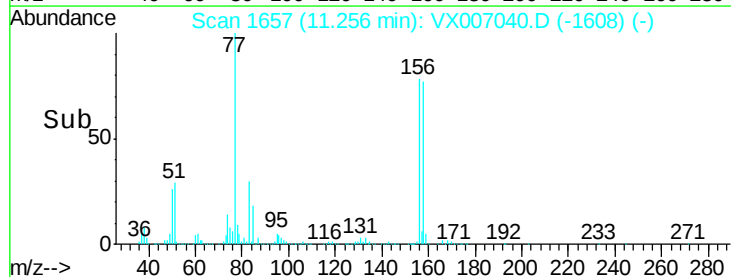
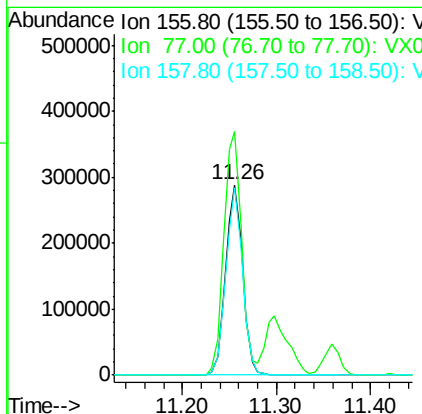
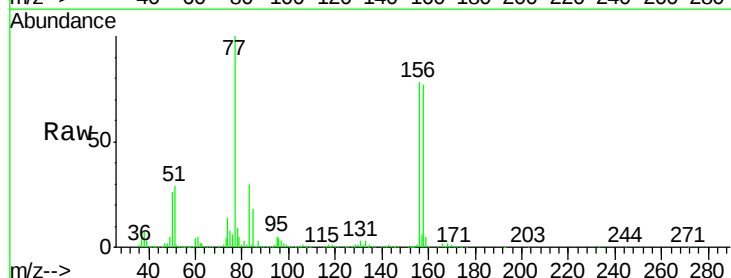
MMDadoda
1/15/2019 11:13:21 AM

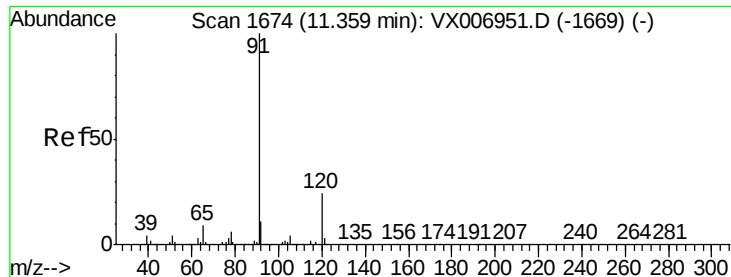


#77

Bromobenzene
Concen: 49.370 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion: 156 Resp: 360293
Ion Ratio Lower Upper
156 100
77 134.5 68.0 204.0
158 96.6 48.3 144.8





#78

n-propylbenzene

Concen: 49.576 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion: 91 Resp: 1441456

Ion Ratio Lower Upper

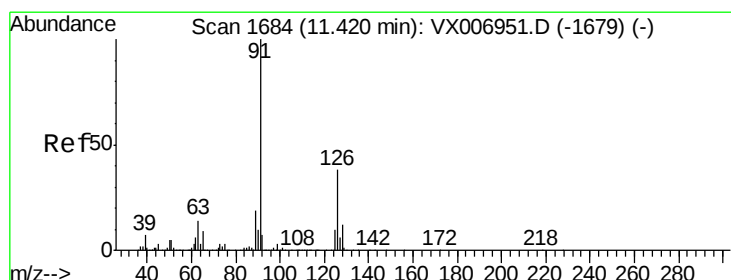
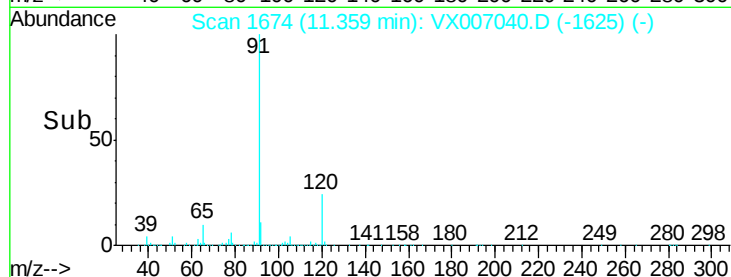
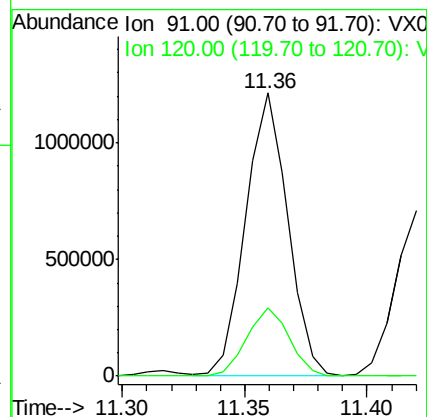
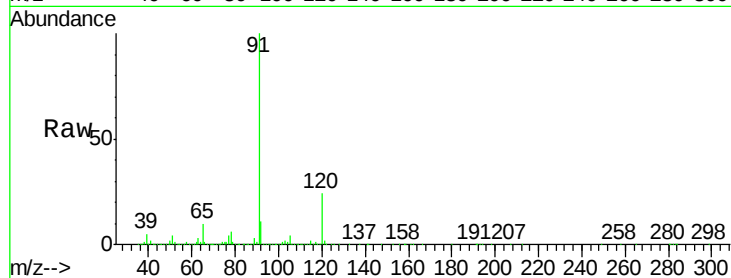
91 100

120 24.7 12.7 38.0

Manual Integrations
APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#79

2-Chlorotoluene

Concen: 49.100 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007040.D

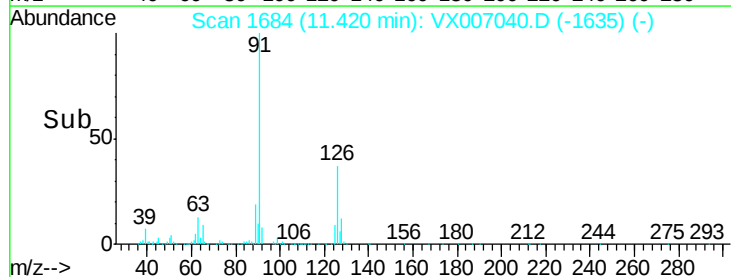
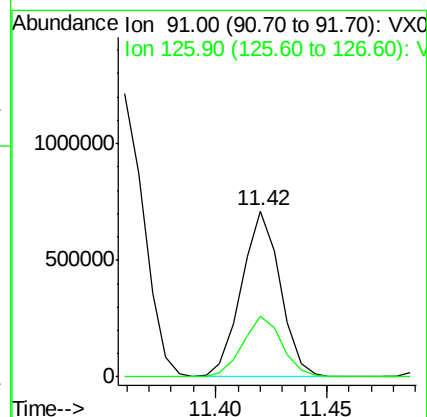
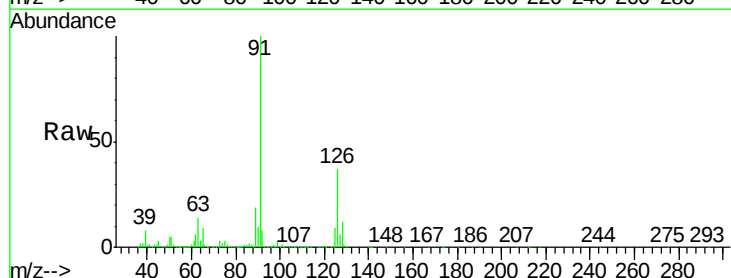
Acq: 14 Jan 2019 15:36

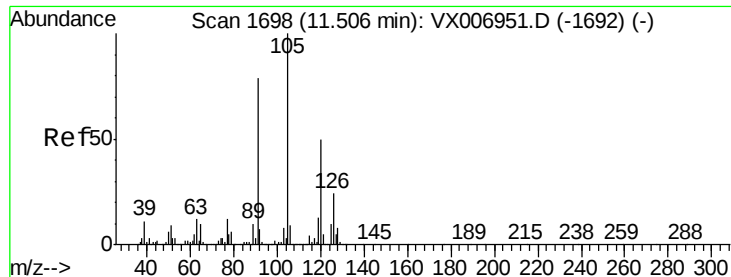
Tgt Ion: 91 Resp: 859371

Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0





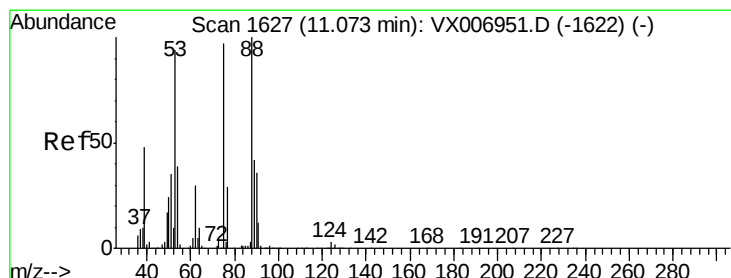
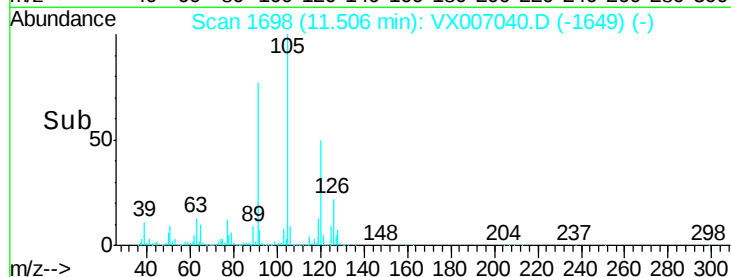
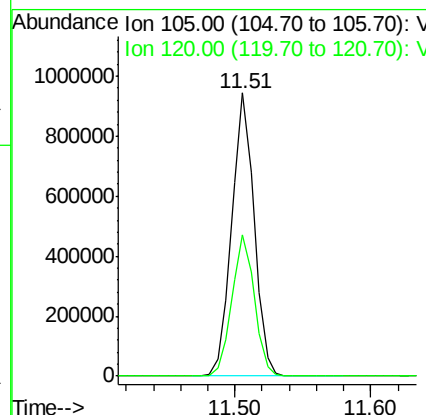
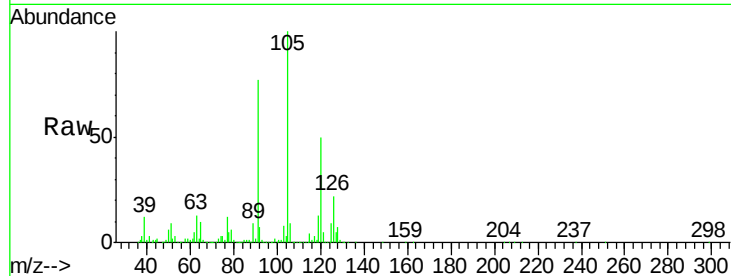
#80
 1,3,5-Trimethylbenzene
 Concen: 48.596 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion:105 Resp: 1075480
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.3

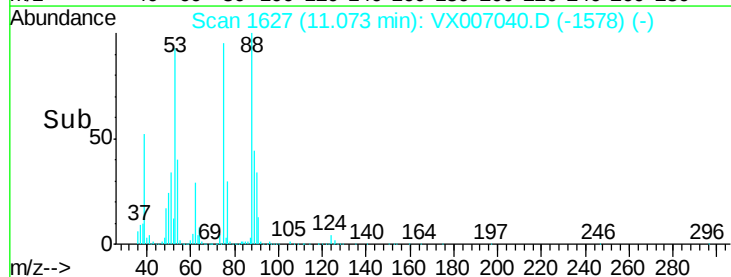
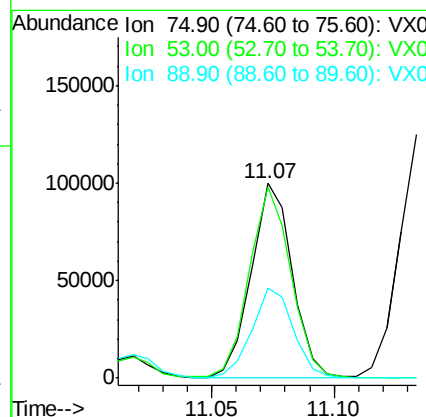
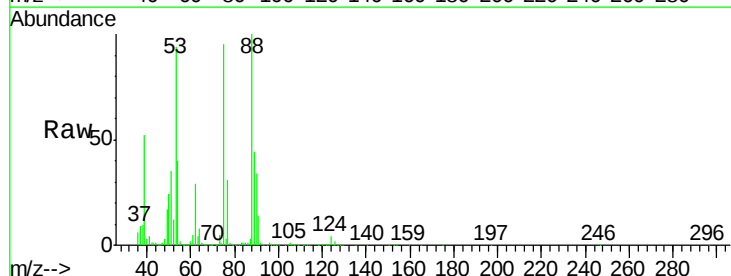
Manual Integrations
 APPROVED

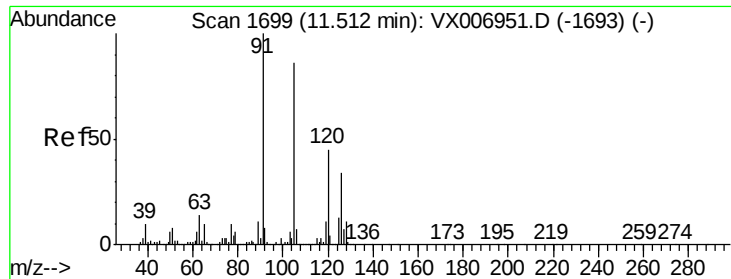
MMDadoda
 1/15/2019 11:13:21 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.471 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion: 75 Resp: 116481
 Ion Ratio Lower Upper
 75 100
 53 99.1 79.7 119.5
 89 47.3 38.0 57.0





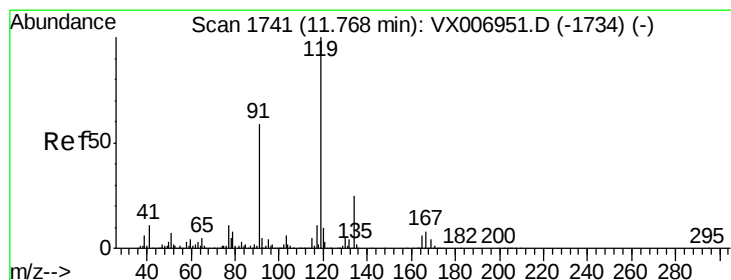
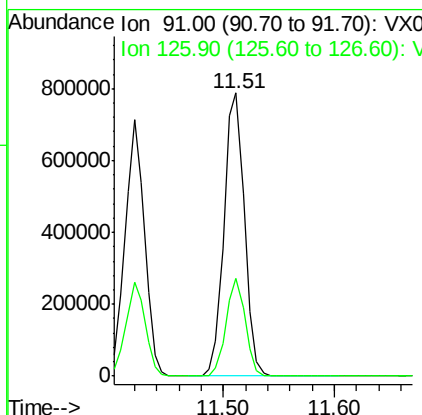
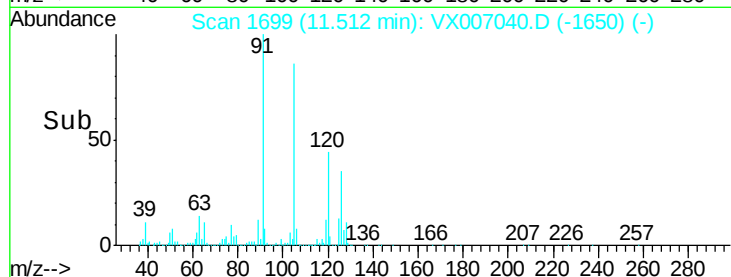
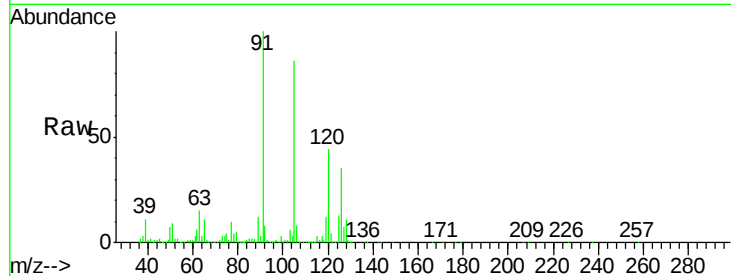
#82
4-Chlorotoluene
Concen: 49.125 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion: 91 Resp: 995529
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

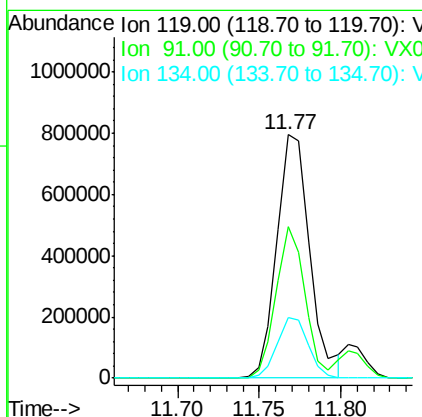
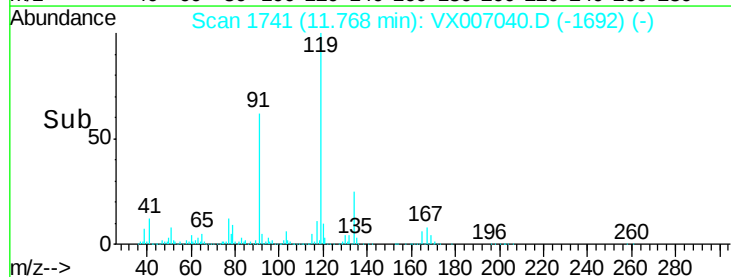
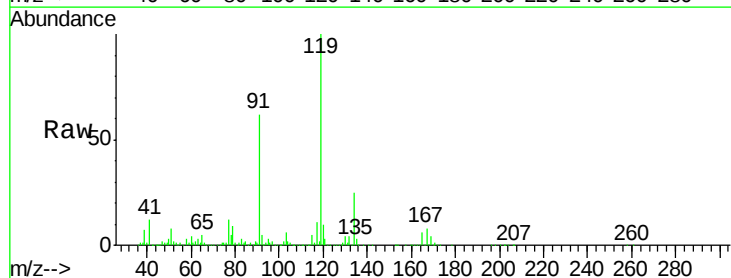
Manual Integrations
APPROVED

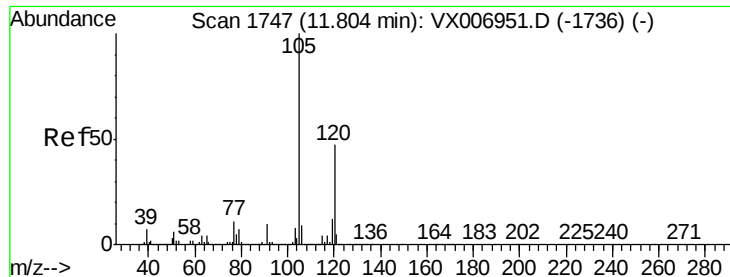
MMDadoda
1/15/2019 11:13:21 AM



#83
tert-Butylbenzene
Concen: 50.216 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion: 119 Resp: 1108800
Ion Ratio Lower Upper
119 100
91 54.6 27.7 83.1
134 23.6 11.9 35.5





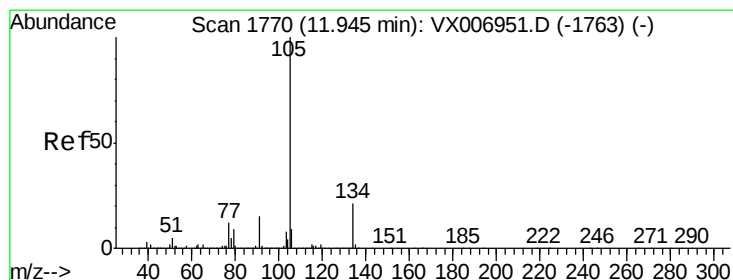
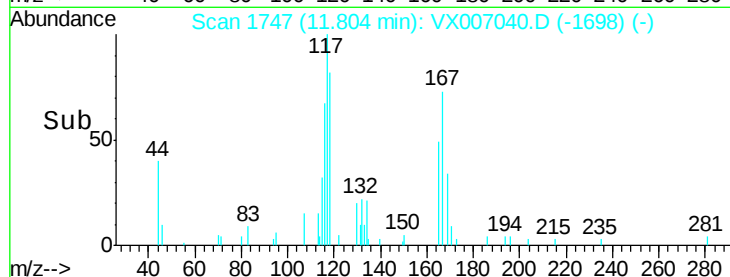
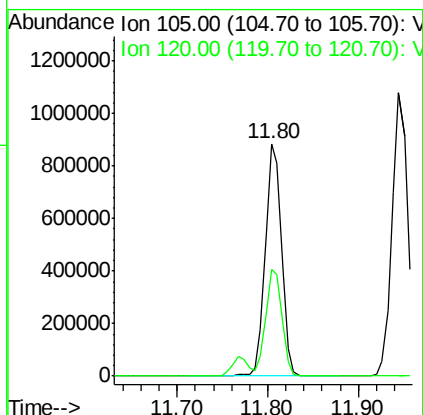
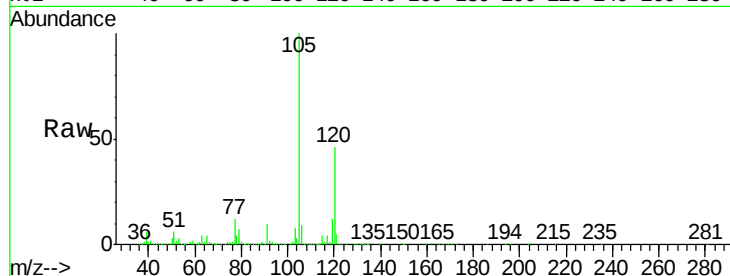
#84
 1,2,4-Trimethylbenzene
 Concen: 49.341 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion:105 Resp: 1098072
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6

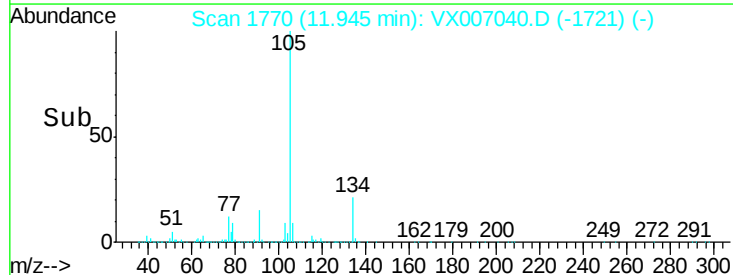
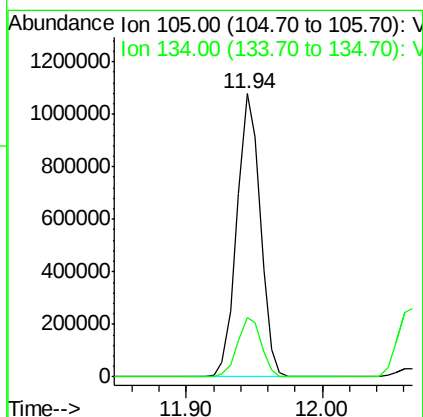
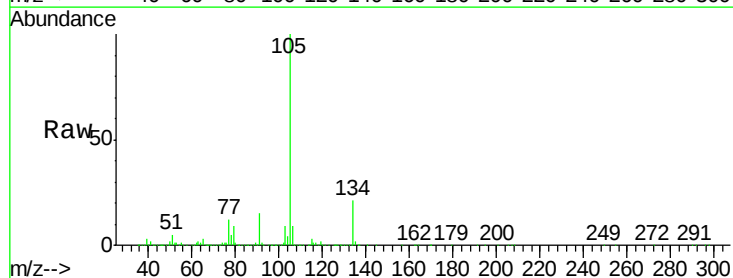
Manual Integrations
 APPROVED

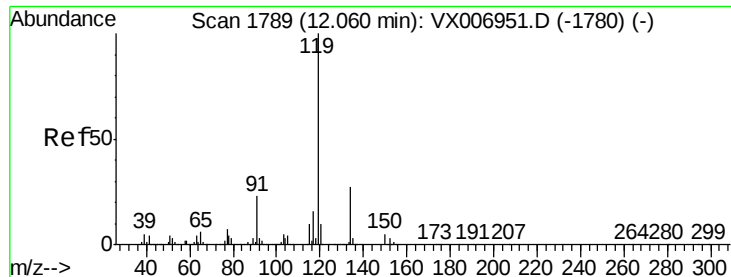
MMDadoda
 1/15/2019 11:13:21 AM



#85
 sec-Butylbenzene
 Concen: 48.926 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion:105 Resp: 1290211
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9





#86

p-Isopropyltoluene

Concen: 49.427 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190109MSD

Tot Ion:119 Resp: 1165860

Ion Ratio Lower Upper

119 100

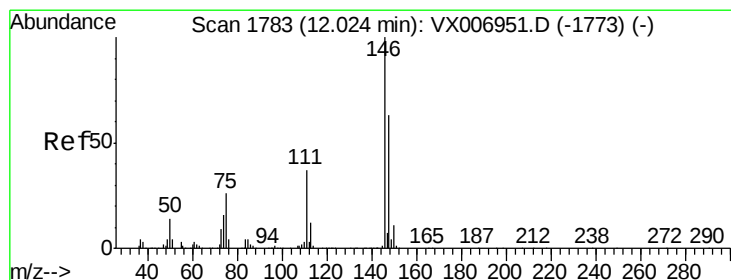
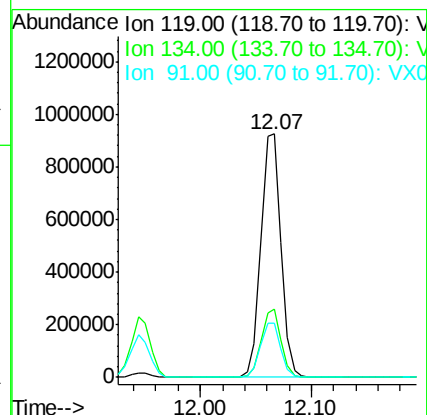
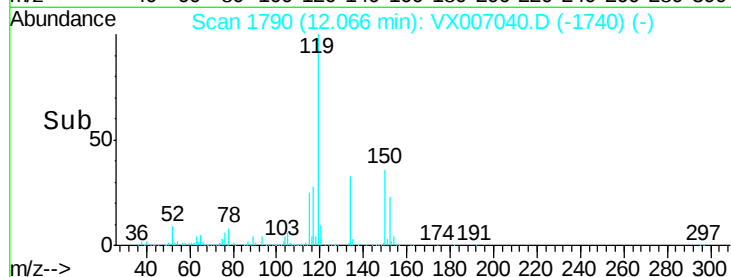
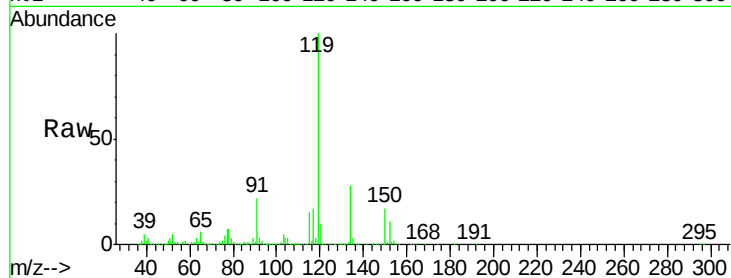
134 27.4 14.0 41.9

91 22.6 11.3 33.9

Manual Integrations
APPROVED

MMDadoda

1/15/2019 11:13:21 AM



#87

1,3-Dichlorobenzene

Concen: 51.735 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

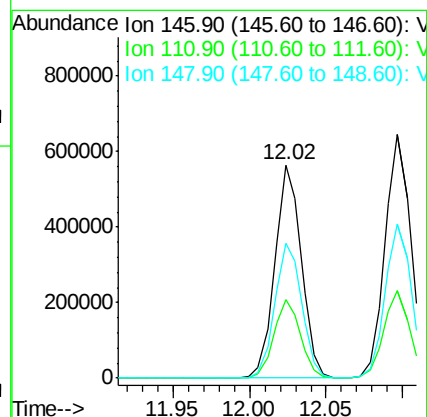
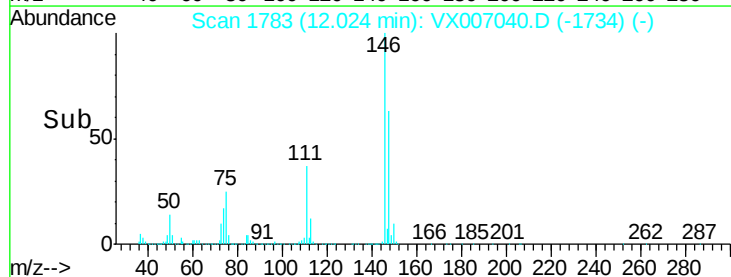
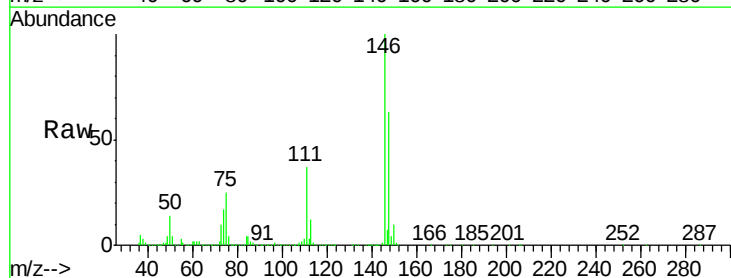
Tgt Ion:146 Resp: 682431

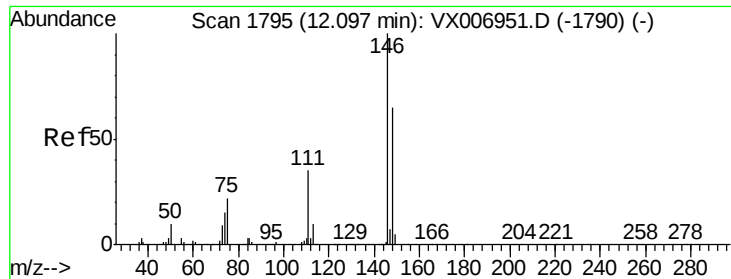
Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

148 64.3 31.8 95.3





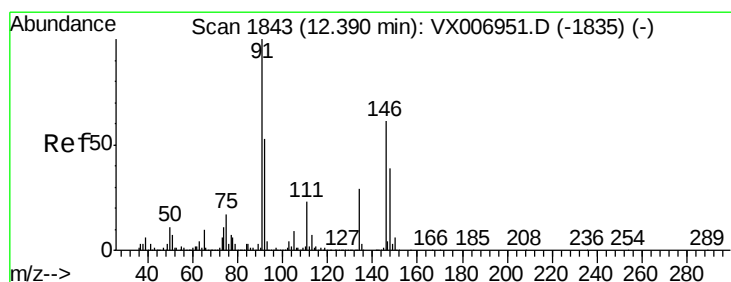
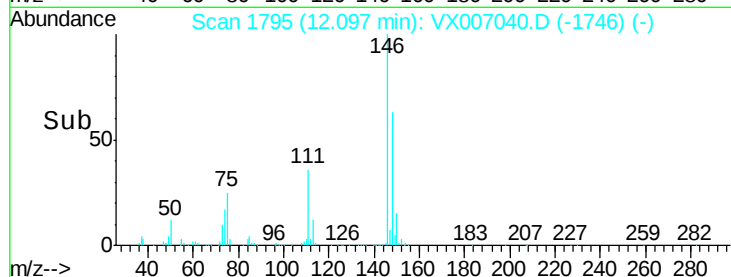
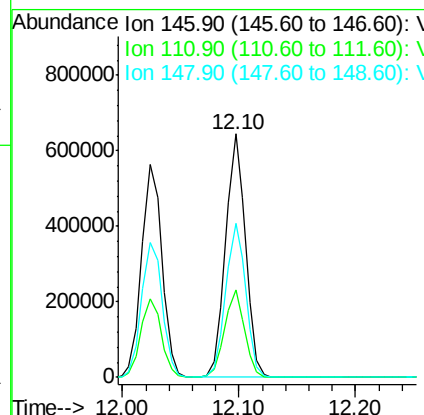
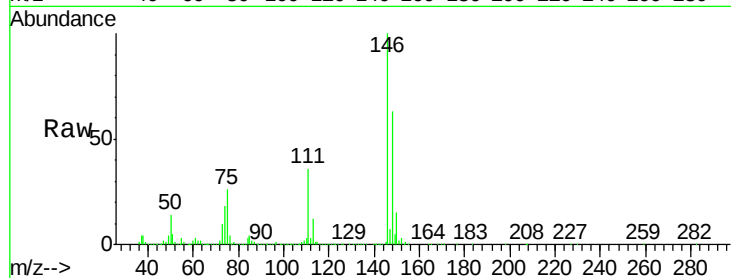
#88
 1,4-Dichlorobenzene
 Concen: 60.676 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.0	31.9	95.9

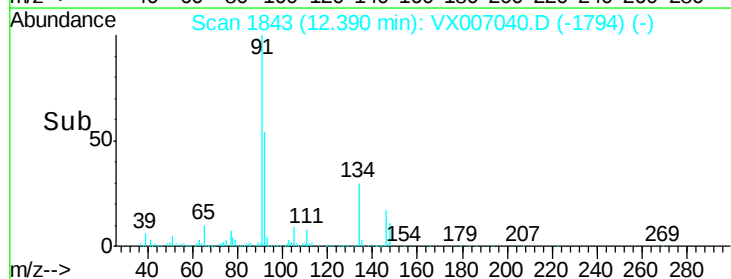
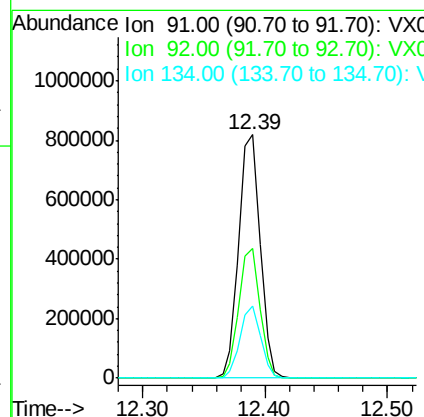
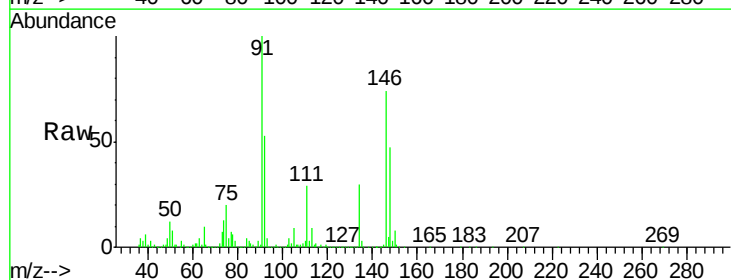
Manual Integrations
 APPROVED

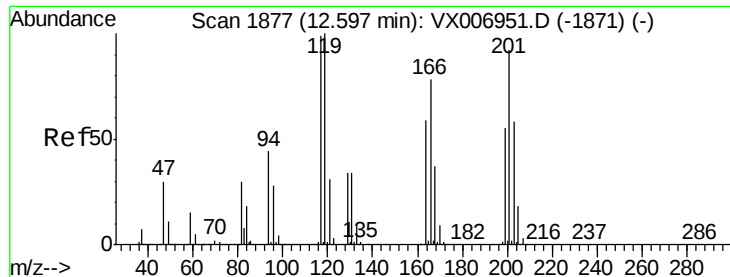
MMDadoda
 1/15/2019 11:13:21 AM



#89
 n-Butylbenzene
 Concen: 49.074 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.6	14.4	43.2





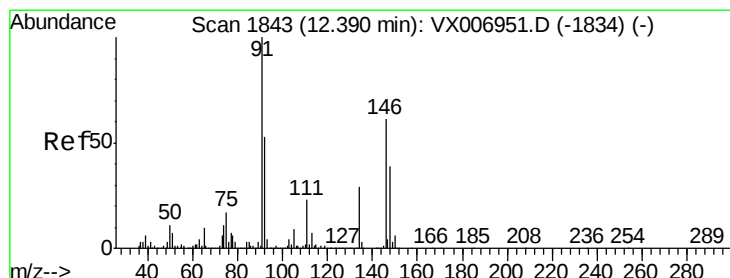
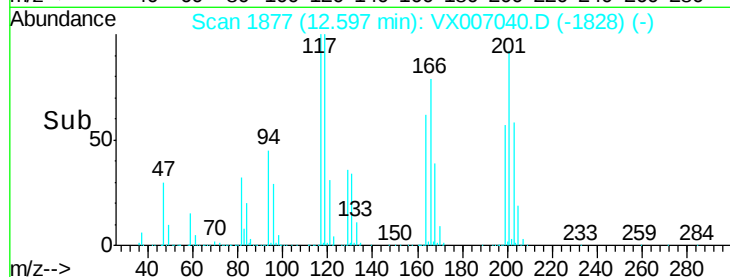
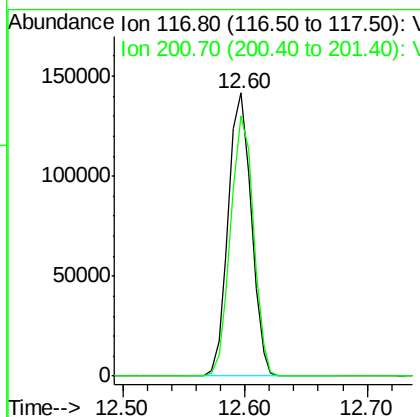
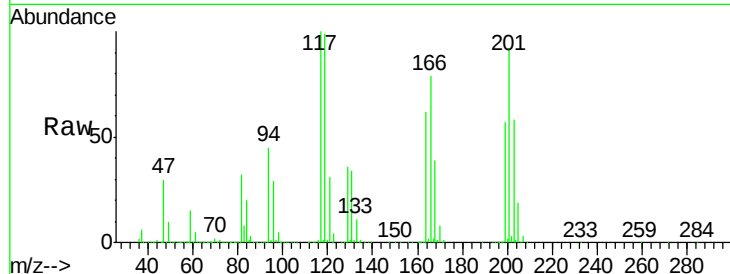
#90
Hexachloroethane
Concen: 49.188 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109MSD

Tot Ion:117 Resp: 185035
Ion Ratio Lower Upper
117 100
201 91.0 42.9 128.7

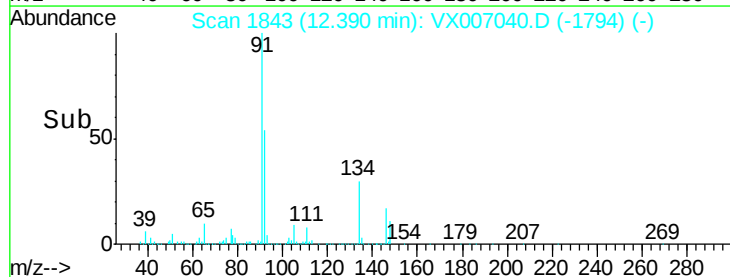
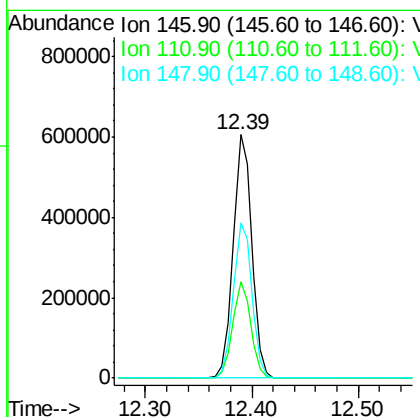
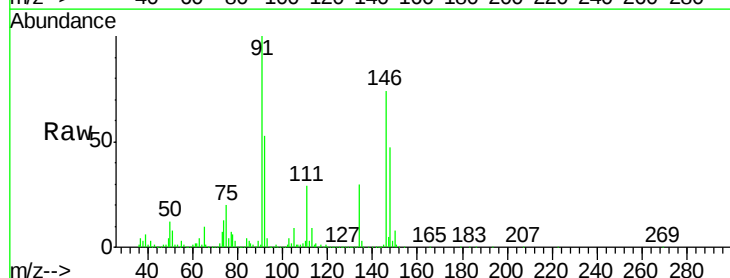
Manual Integrations
APPROVED

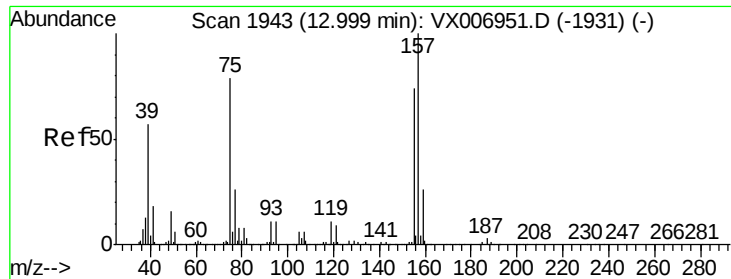
MMDadoda
1/15/2019 11:13:21 AM



#91
1,2-Dichlorobenzene
Concen: 57.376 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007040.D
Acq: 14 Jan 2019 15:36

Tgt Ion:146 Resp: 746889
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 64.0 32.3 96.9





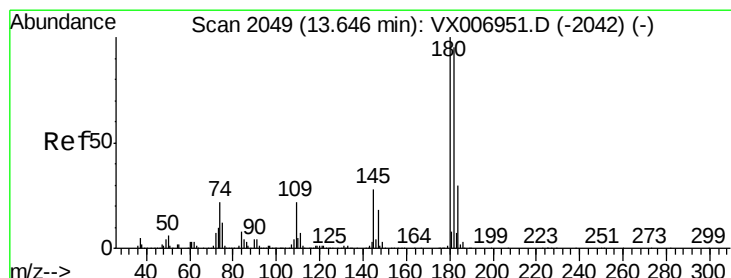
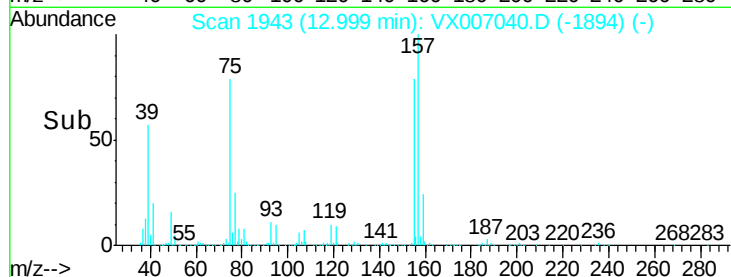
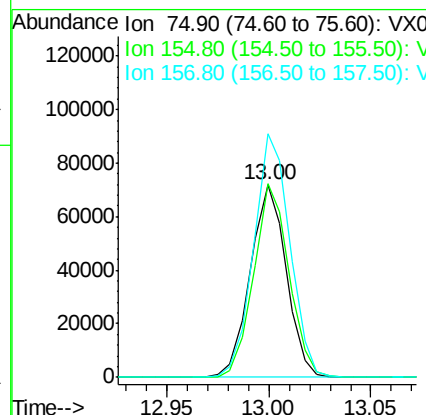
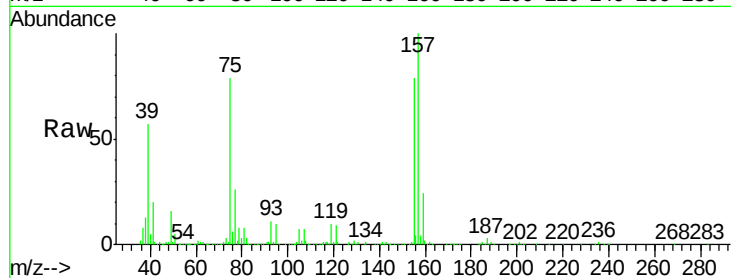
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.016 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.8	50.6	151.8
157	127.7	64.6	193.8

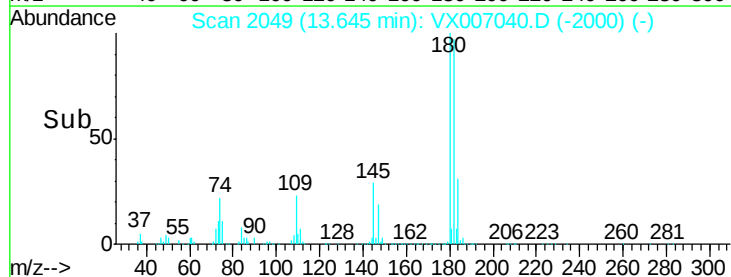
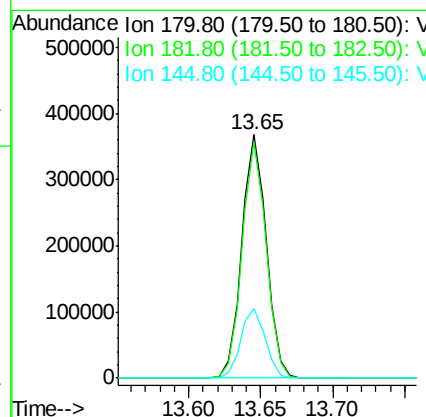
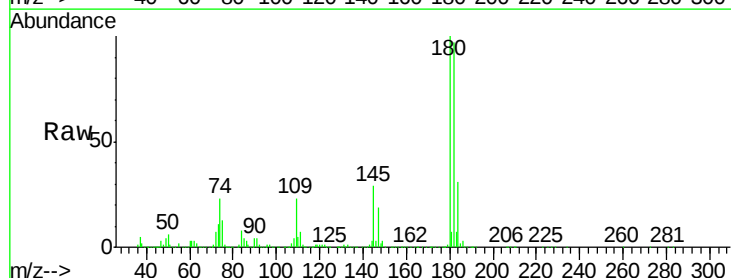
Manual Integrations
 APPROVED

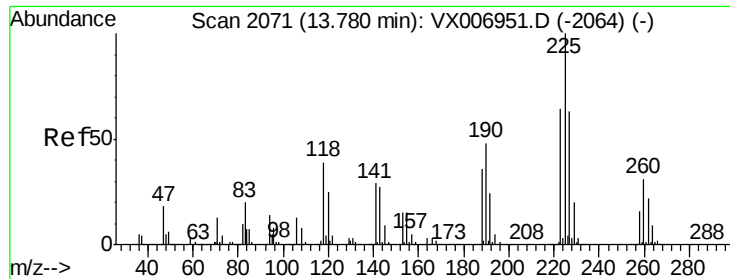
MMDadoda
 1/15/2019 11:13:21 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.884 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	29.0	14.8	44.3





#94

Hexachlorobutadiene

Concen: 50.505 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Instrument :

MSVOA_X

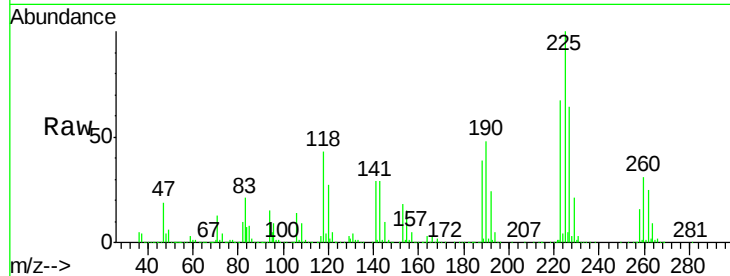
ClientSampleId :

WP022MW359-190109MSD

Tot Ion:	225	Resp:	200160
Ion Ratio		Lower	Upper
225	100		
223	64.6	32.1	96.3
227	64.6	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
1/15/2019 11:13:21 AM

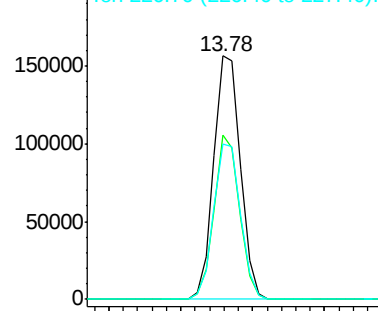


Abundance

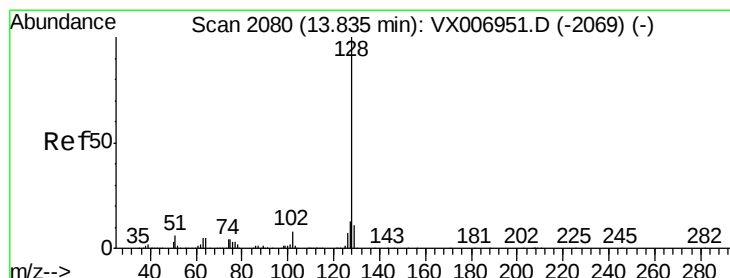
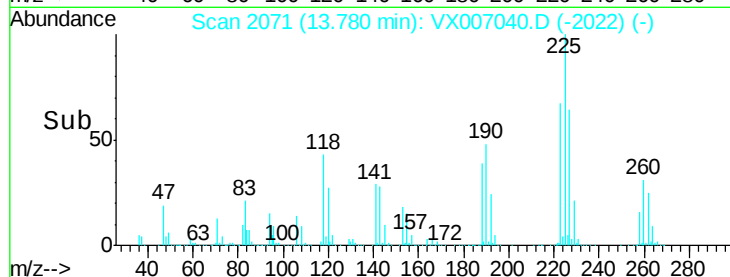
Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 50.080 ug/l

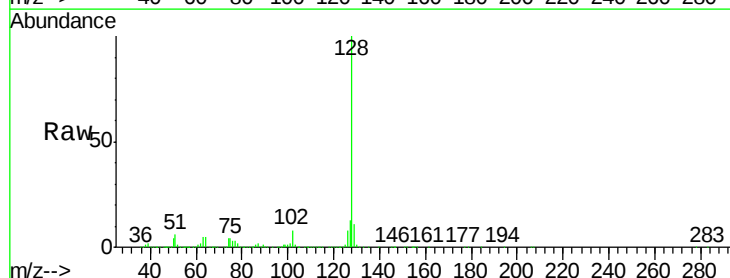
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007040.D

Acq: 14 Jan 2019 15:36

Tgt Ion:	128	Resp:	1355296
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0

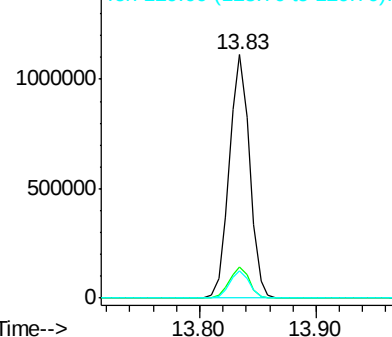


Abundance

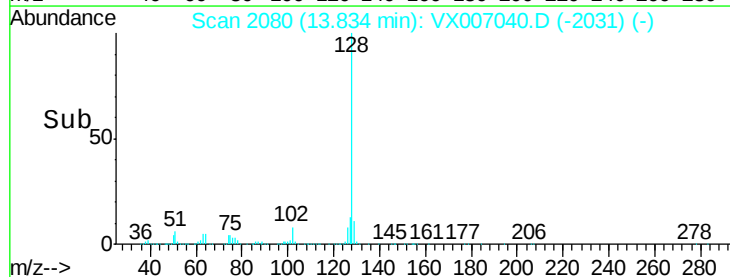
Ion 128.00 (127.70 to 128.70): V

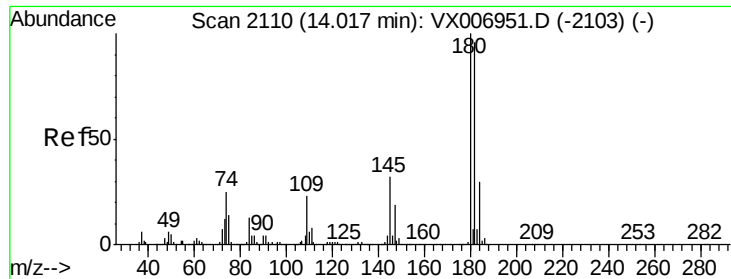
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





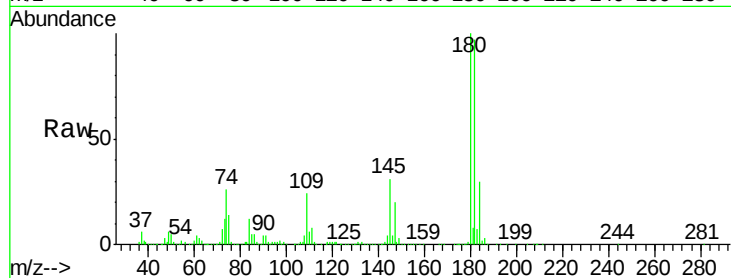
#96
 1,2,3-Trichlorobenzene
 Concen: 48.765 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007040.D
 Acq: 14 Jan 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190109MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	48.5	145.5
145	30.4	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:21 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

