

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007127.D
 Acq On : 18 Jan 2019 11:49
 Operator : JC/SP
 Sample : VX0118WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:54 AM

Quant Time: Jan 18 22:08:15 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	478714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	706837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	328755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248712	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	225820	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	829235	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	296388	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	77992	19.839	ug/l 97
3) Chloromethane	1.33	50	90438	19.762	ug/l 100
4) Vinyl Chloride	1.41	62	96540	19.611	ug/l 100
5) Bromomethane	1.64	94	97459	18.530	ug/l 99
6) Chloroethane	1.72	64	64841	18.864	ug/l 98
7) Trichlorofluoromethane	1.93	101	155389	19.535	ug/l 98
8) Diethyl Ether	2.19	74	63947	20.208	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93865	19.711	ug/l 98
10) Methyl Iodide	2.51	142	130657	20.340	ug/l 99
11) Tert butyl alcohol	3.07	59	125544	106.378	ug/l 99
12) 1,1-Dichloroethene	2.38	96	84894	19.295	ug/l 98
13) Acrolein	2.29	56	56010	111.769	ug/l 100
14) Allyl chloride	2.73	41	147859	19.609	ug/l 98
15) Acrylonitrile	3.15	53	286399	105.712	ug/l 99
16) Acetone	2.45	43	267087	107.988	ug/l 100
17) Carbon Disulfide	2.57	76	182863	16.143	ug/l 100
18) Methyl Acetate	2.78	43	155700	21.738	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	312660	20.474	ug/l 98
20) Methylene Chloride	2.86	84	102277	21.418	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	93887	19.149	ug/l 99
22) Diisopropyl ether	3.87	45	286208	20.190	ug/l 96
23) Vinyl Acetate	3.82	43	1157705	96.841	ug/l 98
24) 1,1-Dichloroethane	3.70	63	157895	19.920	ug/l 100
25) 2-Butanone	4.70	43	371887	105.084	ug/l 100
26) 2,2-Dichloropropane	4.59	77	113315	18.591	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	102792	19.007	ug/l 96
28) Bromochloromethane	5.02	49	65855	18.963	ug/l 97
29) Tetrahydrofuran	5.15	42	236231	102.715	ug/l 97
30) Chloroform	5.21	83	167150	20.141	ug/l 98
31) Cyclohexane	5.58	56	132328	18.757	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	137145	19.496	ug/l 98
36) 1,1-Dichloropropene	5.79	75	120347	19.583	ug/l 99
37) Ethyl Acetate	4.85	43	136147	20.665	ug/l 99
38) Carbon Tetrachloride	5.78	117	117322	18.975	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007127.D
 Acq On : 18 Jan 2019 11:49
 Operator : JC/SP
 Sample : VX0118WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:54 AM

Quant Time: Jan 18 22:08:15 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	145796	18.610	ug/l	97
40) Benzene	6.15	78	372602	19.871	ug/l	97
41) Methacrylonitrile	5.06	41	73749	19.431	ug/l	98
42) 1,2-Dichloroethane	6.20	62	129006	19.909	ug/l	100
43) Isopropyl Acetate	6.46	43	208841	20.096	ug/l	98
44) Trichloroethene	7.21	130	109214	19.436	ug/l	99
45) 1,2-Dichloropropane	7.52	63	93175	19.765	ug/l	99
46) Dibromomethane	7.66	93	66803	20.163	ug/l	99
47) Bromodichloromethane	7.90	83	109031	19.334	ug/l	97
48) Methyl methacrylate	7.77	41	108499	20.330	ug/l	98
49) 1,4-Dioxane	7.75	88	52035	421.987	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	711702	106.563	ug/l	99
52) Toluene	8.79	92	240769	19.977	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116049	18.558	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	132213	19.145	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101753	21.093	ug/l	94
56) Ethyl methacrylate	9.18	69	144512	20.520	ug/l	95
57) 1,3-Dichloropropane	9.37	76	162452	20.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	377170	104.164	ug/l	98
59) 2-Hexanone	9.49	43	551175	108.295	ug/l	99
60) Dibromochloromethane	9.58	129	93763	20.017	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108569	20.443	ug/l	99
64) Tetrachloroethene	9.34	164	111283	19.857	ug/l	97
65) Chlorobenzene	10.14	112	279226	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95587	20.126	ug/l	99
67) Ethyl Benzene	10.25	91	449750	19.296	ug/l	99
68) m/p-Xylenes	10.36	106	355385	38.701	ug/l	99
69) o-Xylene	10.70	106	177717	19.844	ug/l	99
70) Styrene	10.71	104	284421	20.053	ug/l	100
71) Bromoform	10.86	173	66941	18.992	ug/l #	100
73) Isopropylbenzene	11.02	105	472348	20.376	ug/l	98
74) N-amyl acetate	10.90	43	187018	20.037	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	152816	20.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140714m	21.122	ug/l	
77) Bromobenzene	11.26	156	127366	19.940	ug/l	98
78) n-propylbenzene	11.36	91	515364	20.251	ug/l	99
79) 2-Chlorotoluene	11.42	91	308971	20.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	380758	19.657	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	33477	17.800	ug/l	90
82) 4-Chlorotoluene	11.51	91	352958	19.900	ug/l	100
83) tert-Butylbenzene	11.77	119	381180	19.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392287	20.140	ug/l	99
85) sec-Butylbenzene	11.94	105	468427	20.295	ug/l	99
86) p-Isopropyltoluene	12.06	119	416188	20.159	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	225001	19.489	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225767	20.724	ug/l	99
89) n-Butylbenzene	12.38	91	343330	19.508	ug/l	99
90) Hexachloroethane	12.60	117	58207	19.542	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	230004	20.187	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29004	19.927	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007127.D
Acq On : 18 Jan 2019 11:49
Operator : JC/SP
Sample : VX0118WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

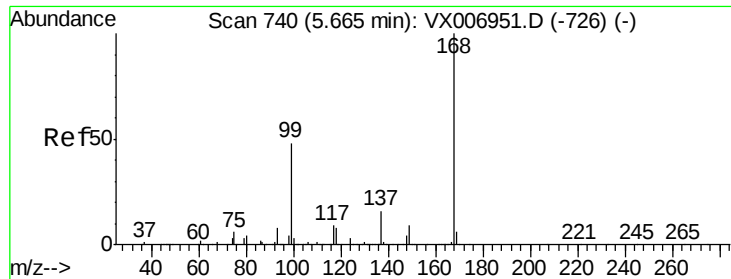
Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM

Quant Time: Jan 18 22:08:15 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)
93) 1,2,4-Trichlorobenzene	13.65	180	151246	19.349	ug/l	99
94) Hexachlorobutadiene	13.78	225	71977	20.750	ug/l	99
95) Naphthalene	13.83	128	468735	19.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152687	19.663	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: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion:168 Resp: 478714

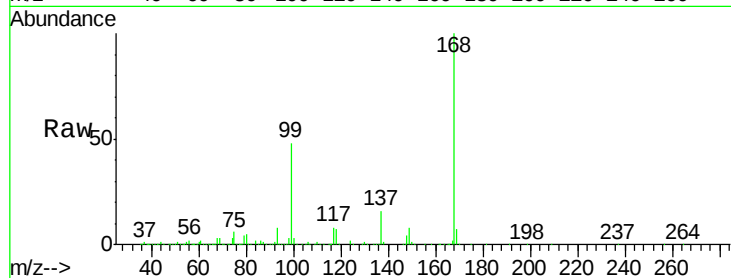
Ion Ratio Lower Upper

168 100

99 47.9 41.8 62.8

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

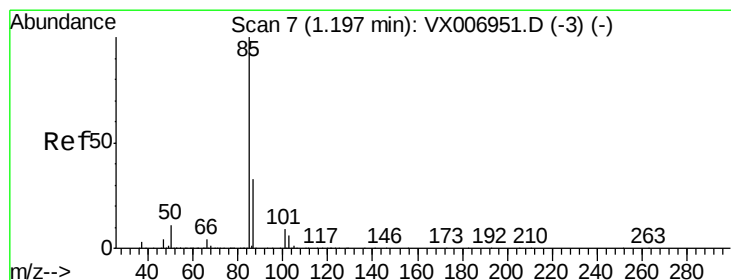
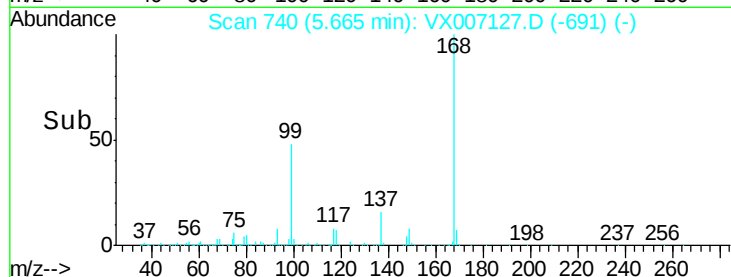
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.839 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007127.D

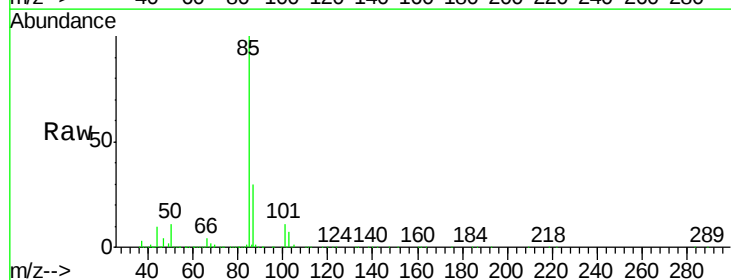
Acq: 18 Jan 2019 11:49

Tgt Ion: 85 Resp: 77992

Ion Ratio Lower Upper

85 100

87 30.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

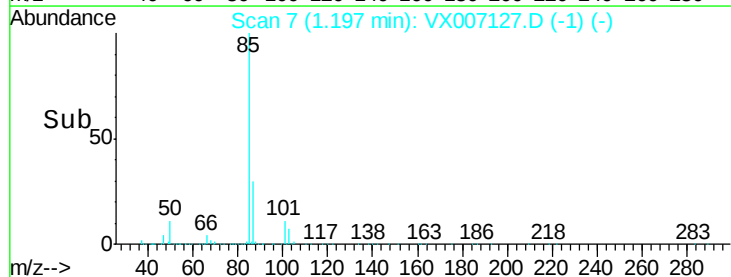
60000

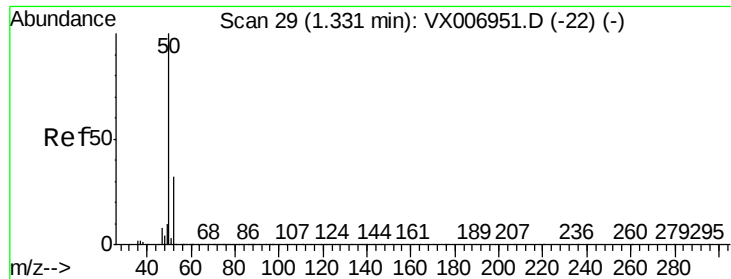
40000

20000

0

Time-->





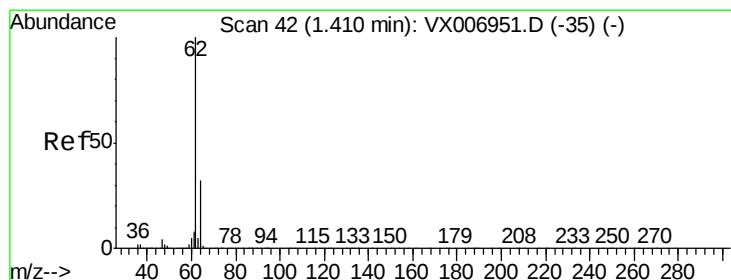
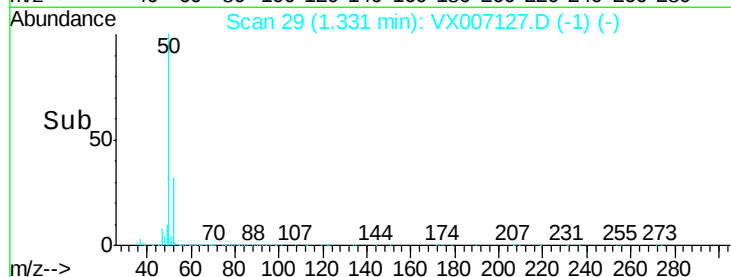
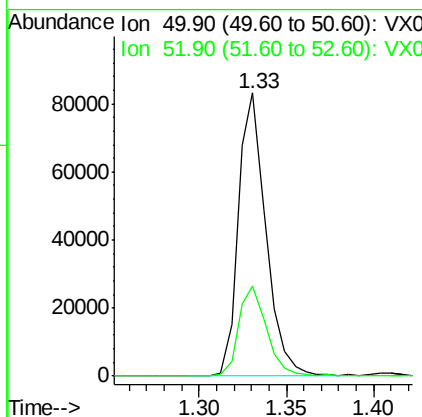
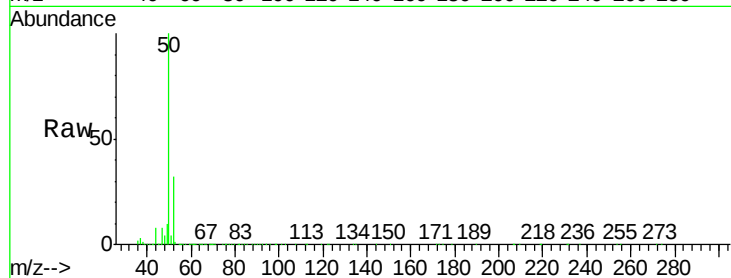
#3
Chloromethane
Concen: 19.762 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.4	38.2

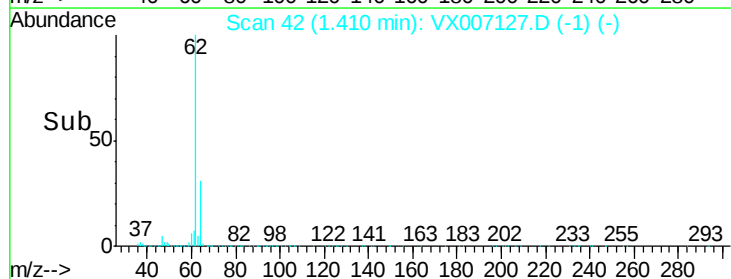
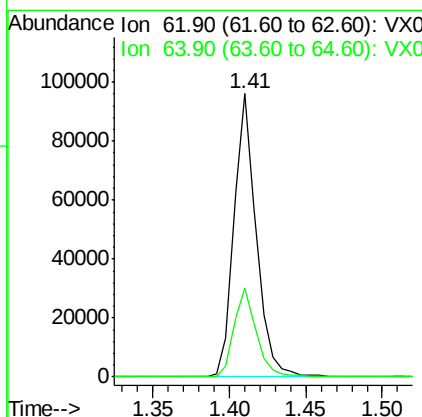
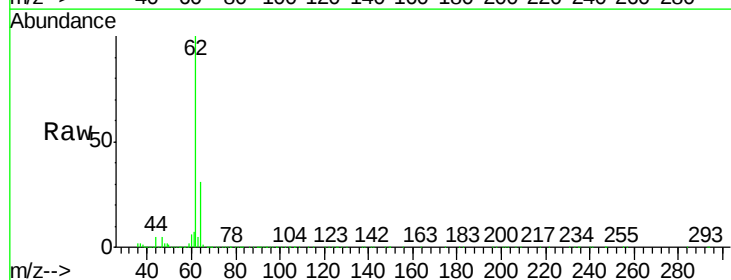
Manual Integrations
APPROVED

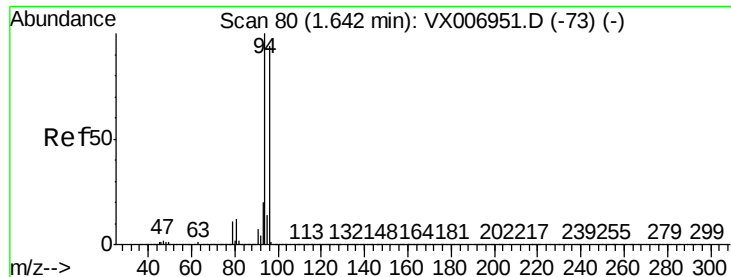
MMDadoda
1/21/2019 9:38:54 AM



#4
Vinyl Chloride
Concen: 19.611 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.1	37.7





#5

Bromomethane

Concen: 18.530 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 94 Resp: 97459

Ion Ratio Lower Upper

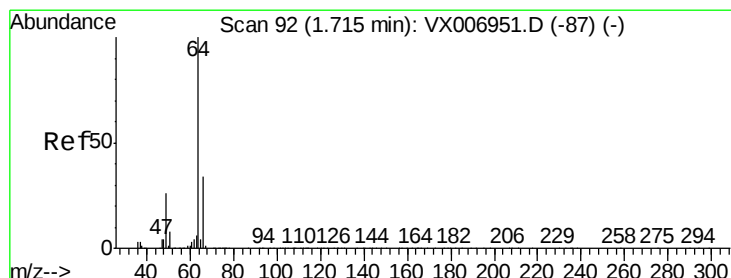
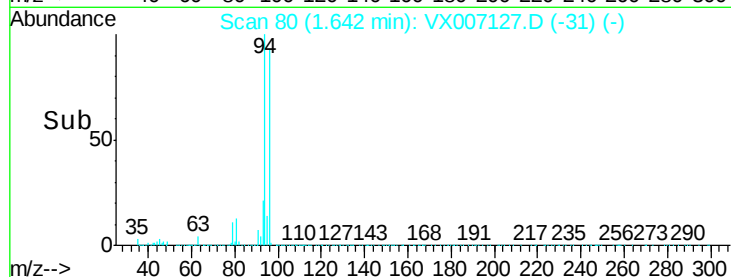
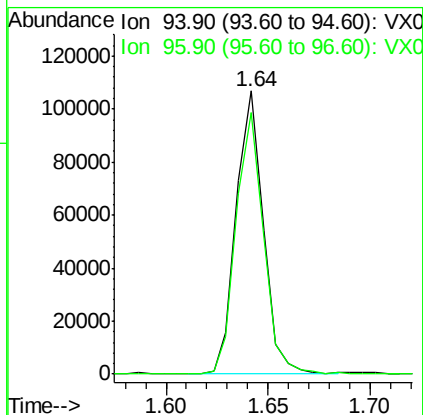
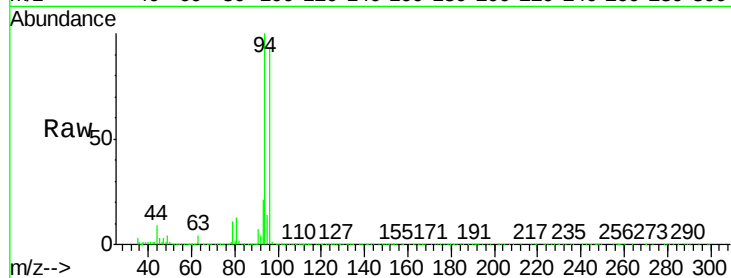
94 100

96 92.6 73.4 110.2

Manual Integrations
APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#6

Chloroethane

Concen: 18.864 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007127.D

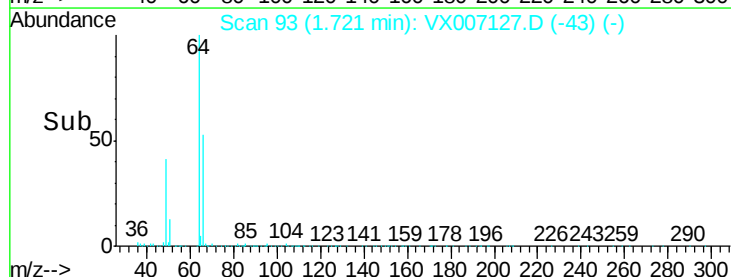
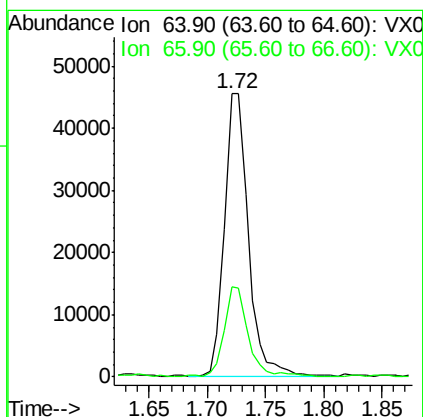
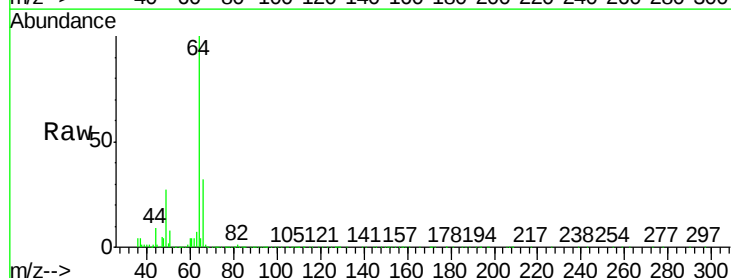
Acq: 18 Jan 2019 11:49

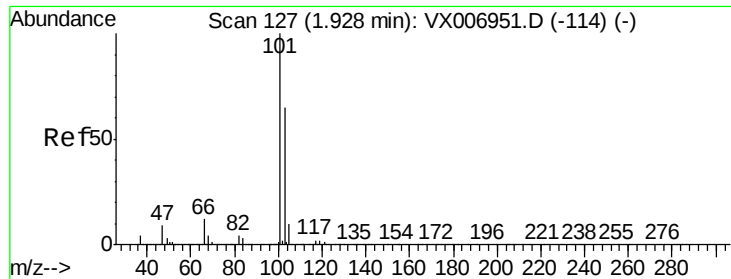
Tgt Ion: 64 Resp: 64841

Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6





#7

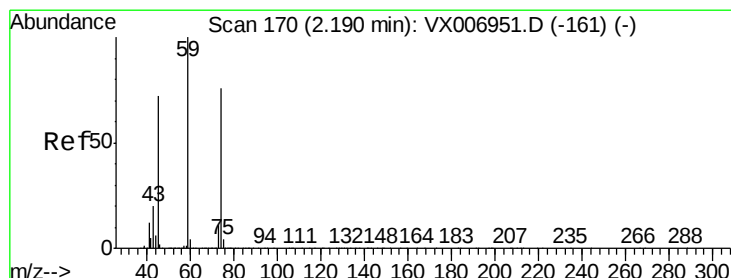
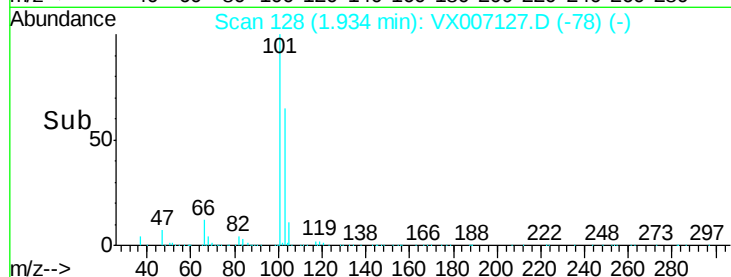
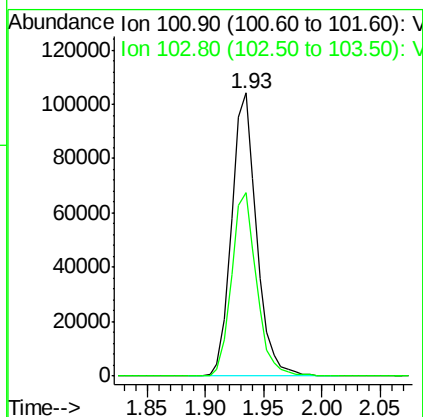
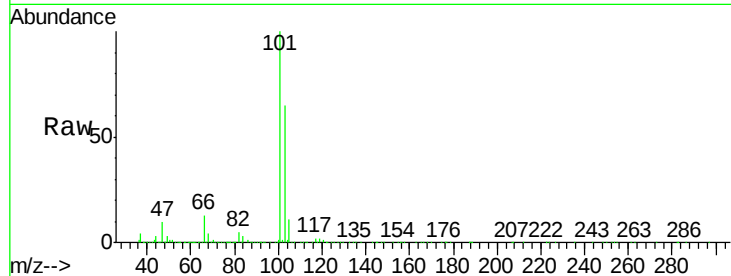
Trichlorofluoromethane
Concen: 19.535 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.2	79.8

Manual Integrations
APPROVED

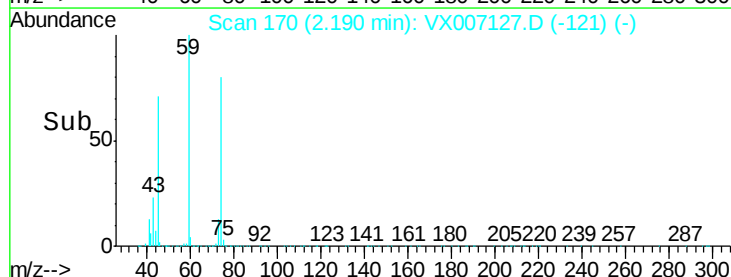
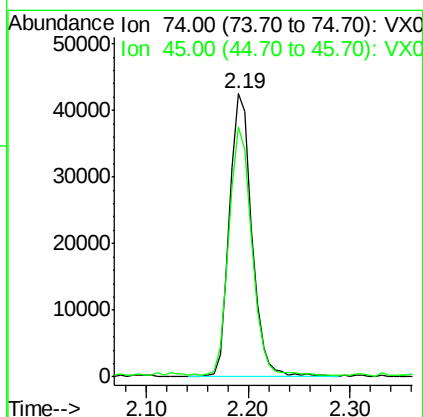
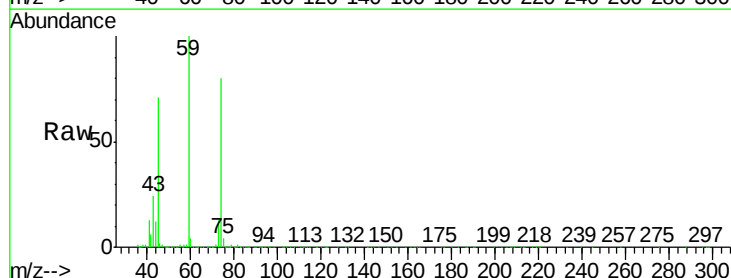
MMDadoda
1/21/2019 9:38:54 AM

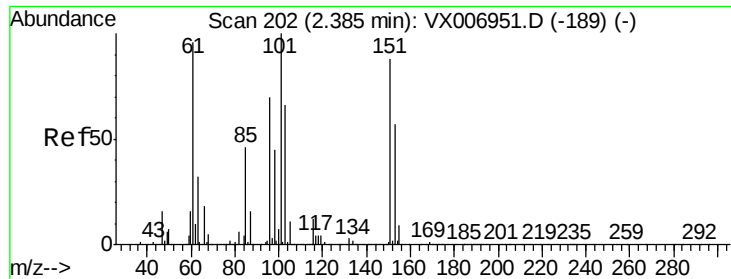


#8

Diethyl Ether
Concen: 20.208 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.1	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.711 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

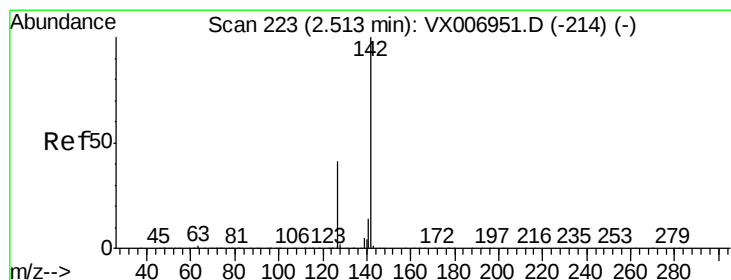
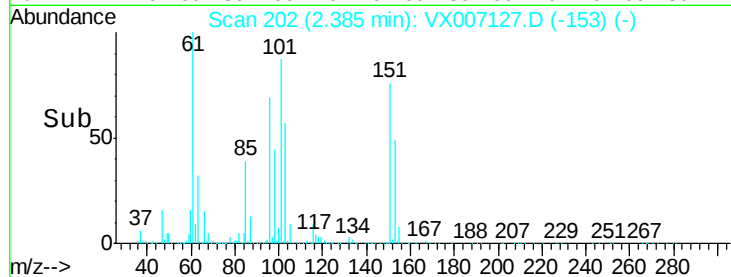
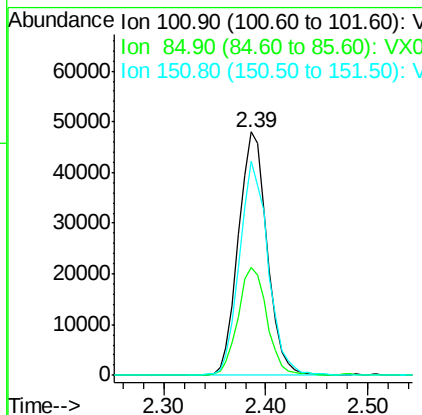
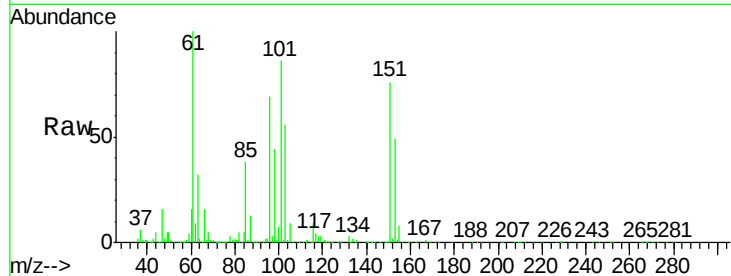
ClientSampleId :

VX0118WBS01

Tot Ion:	101	Resp:	93865
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.1	52.7
151	88.1	68.9	103.3

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#10

Methyl Iodide

Concen: 20.340 ug/l

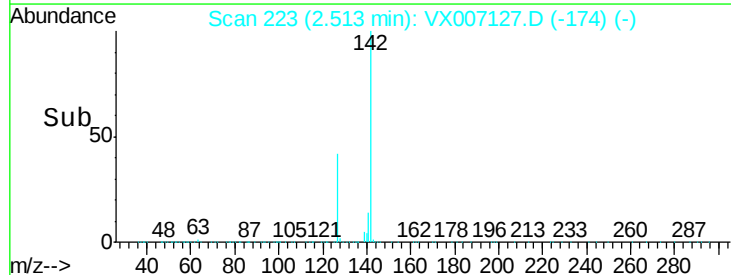
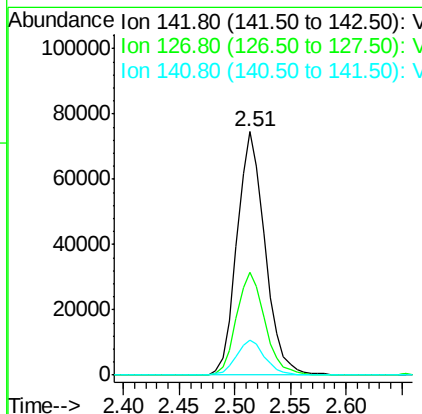
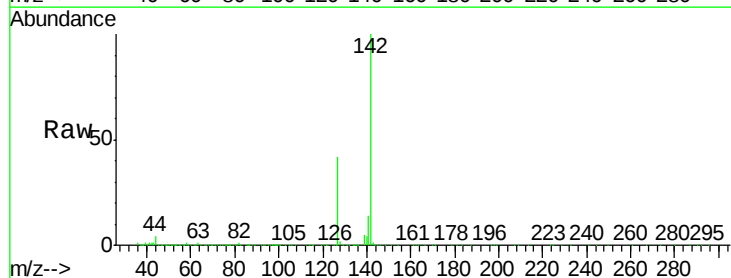
RT: 2.51 min Scan# 223

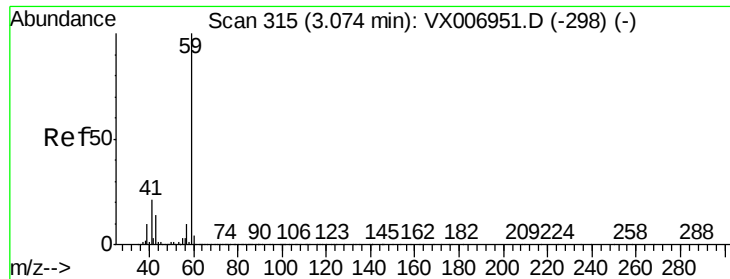
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	142	Resp:	130657
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.6	11.4	17.0





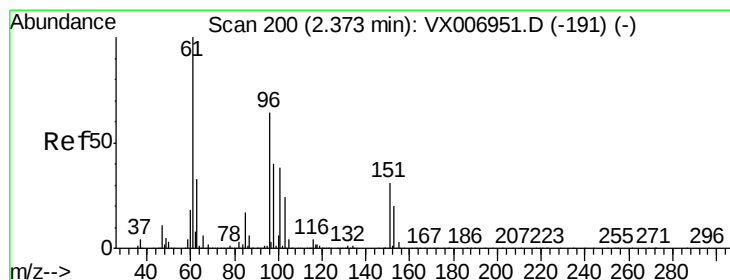
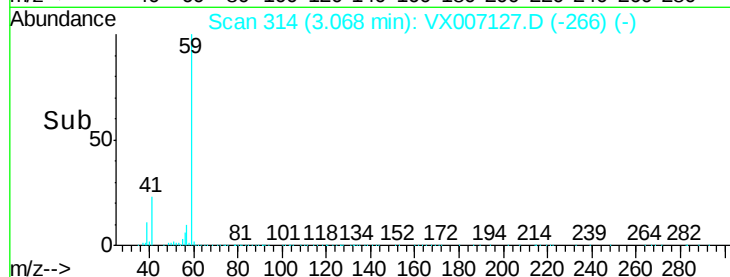
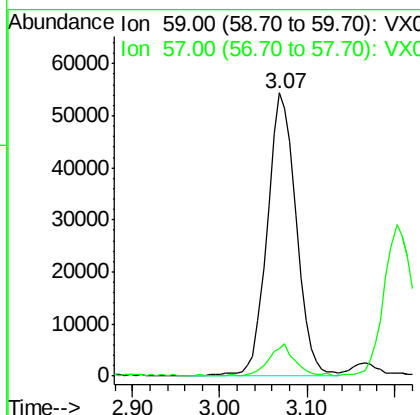
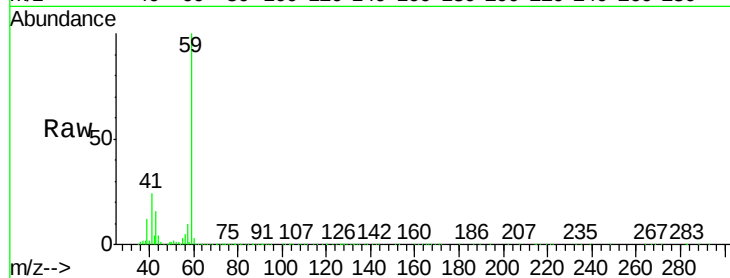
#11
Tert butyl alcohol
Concen: 106.378 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion: 59 Resp: 125544
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

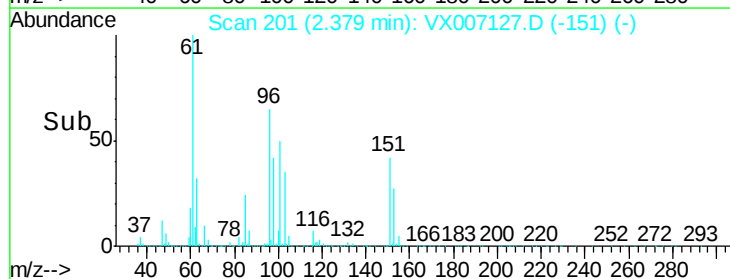
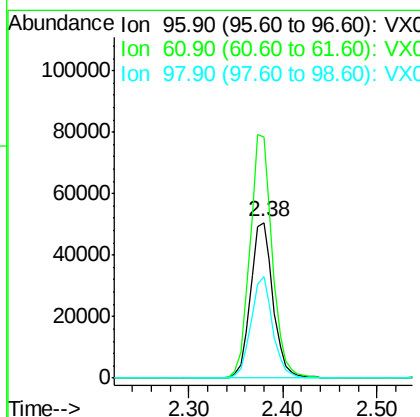
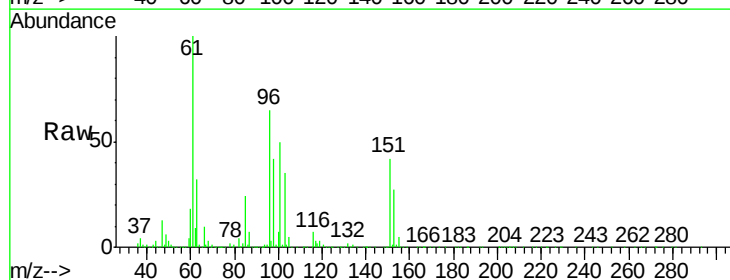
Manual Integrations
APPROVED

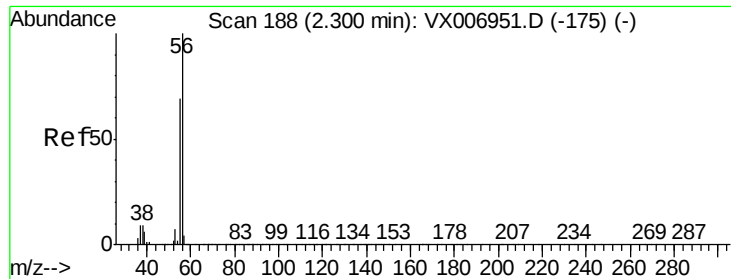
MMDadoda
1/21/2019 9:38:54 AM



#12
1,1-Dichloroethene
Concen: 19.295 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion: 96 Resp: 84894
Ion Ratio Lower Upper
96 100
61 154.6 121.4 182.2
98 65.0 51.9 77.9





#13

Acrolein

Concen: 111.769 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

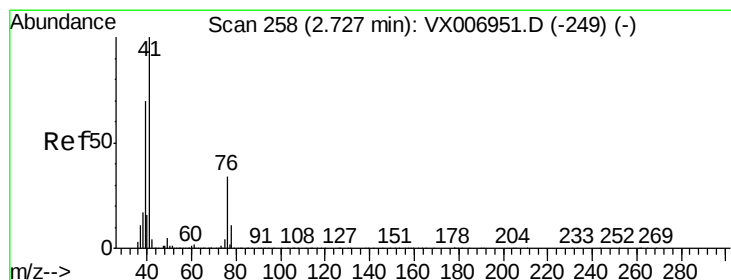
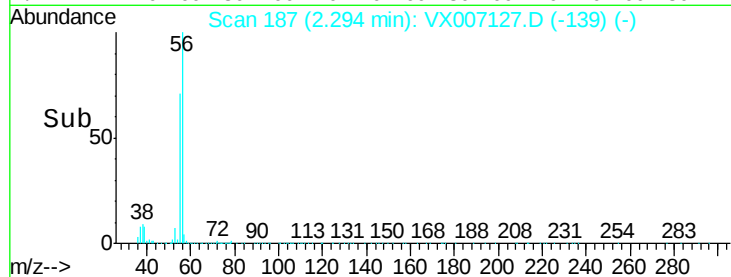
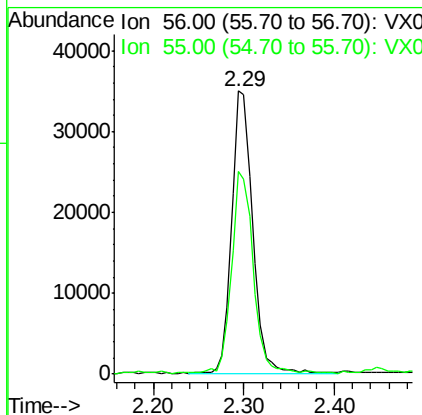
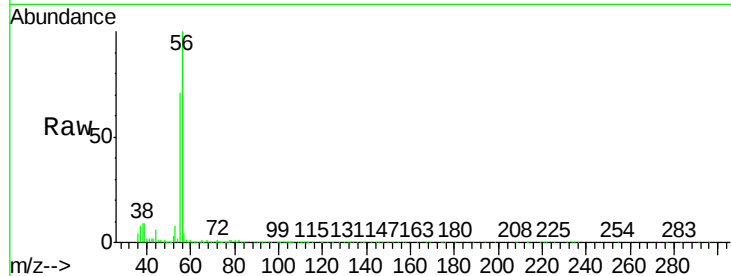
ClientSampleId :

VX0118WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	58.2	87.4

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#14

Allyl chloride

Concen: 19.609 ug/l

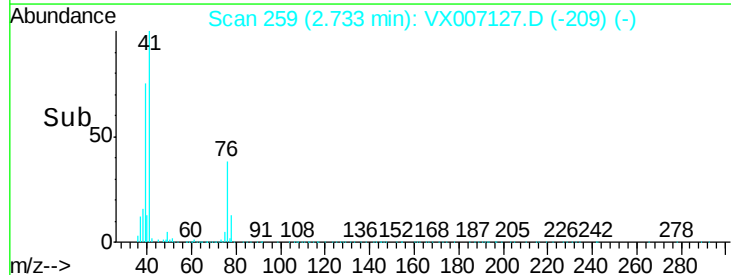
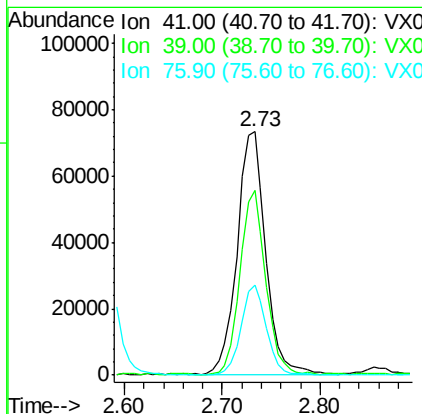
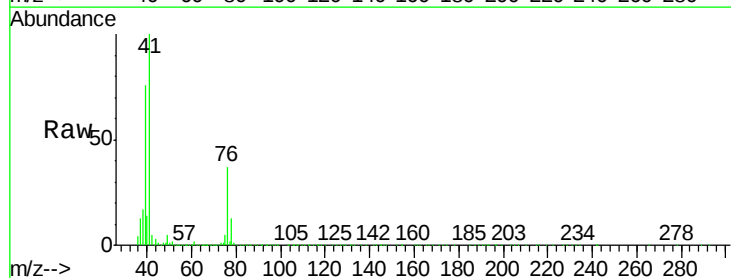
RT: 2.73 min Scan# 259

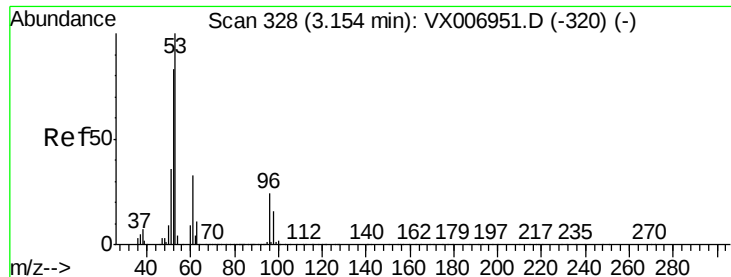
Delta R.T. 0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.0	53.6	80.4
76	32.2	27.4	41.2





#15

Acrylonitrile

Concen: 105.712 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

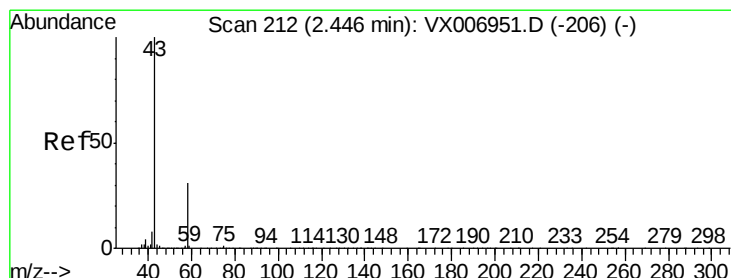
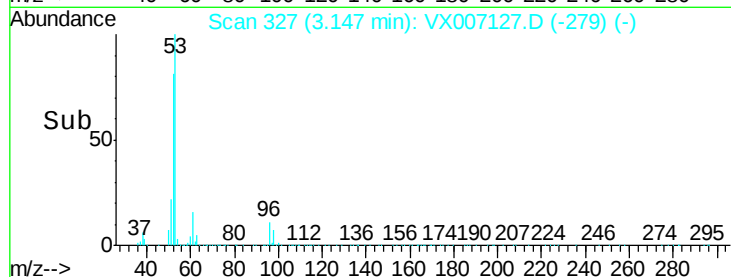
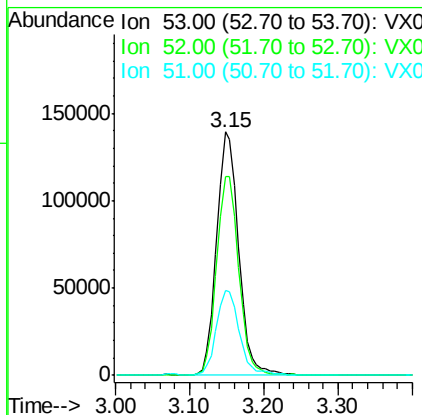
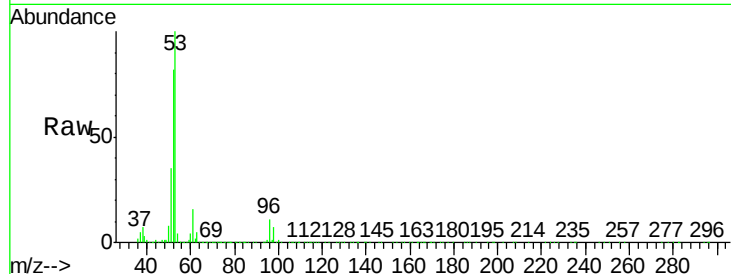
ClientSampleId :

VX0118WBS01

Tot Ion:	53	Resp:	286399
Ion Ratio		Lower	Upper
53	100		
52	81.4	66.0	99.0
51	35.9	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#16

Acetone

Concen: 107.988 ug/l

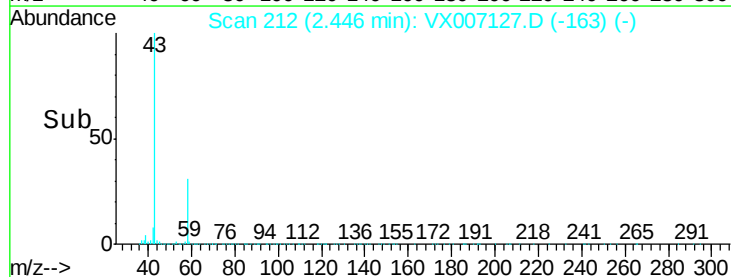
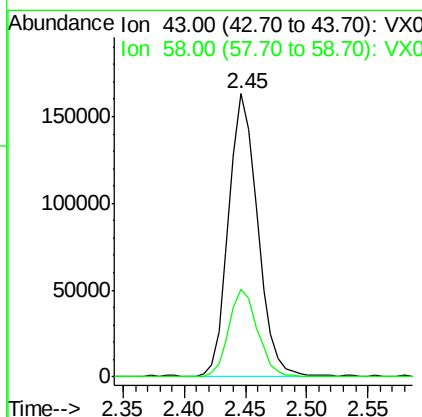
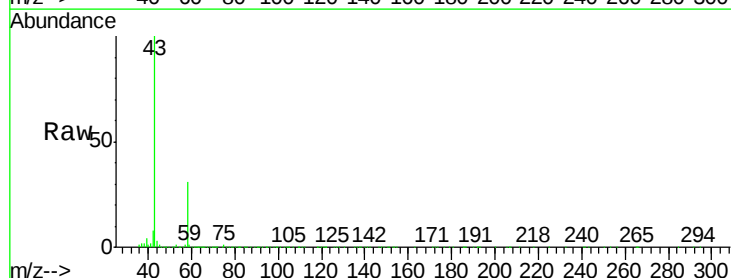
RT: 2.45 min Scan# 212

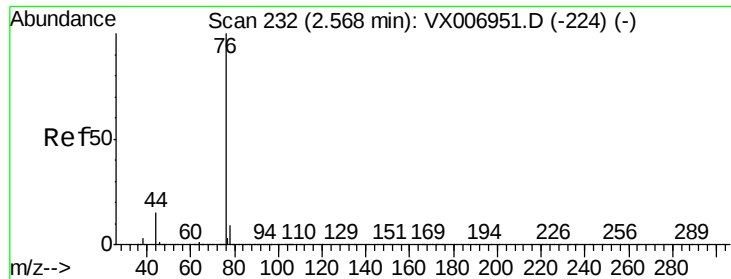
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	43	Resp:	267087
Ion Ratio		Lower	Upper
43	100		
58	31.2	25.0	37.6





#17

Carbon Disulfide

Concen: 16.143 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 76 Resp: 182863

Ion Ratio Lower Upper

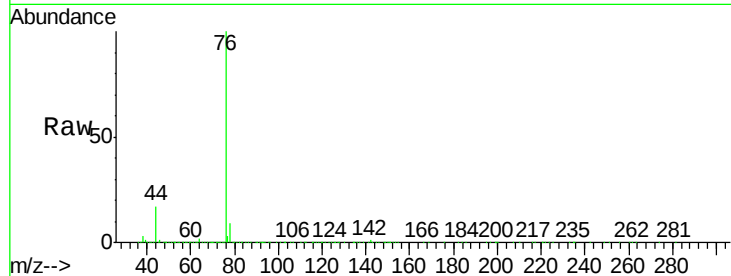
76 100

78 8.9 7.0 10.6

Manual Integrations
APPROVED

MMDadoda

1/21/2019 9:38:54 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

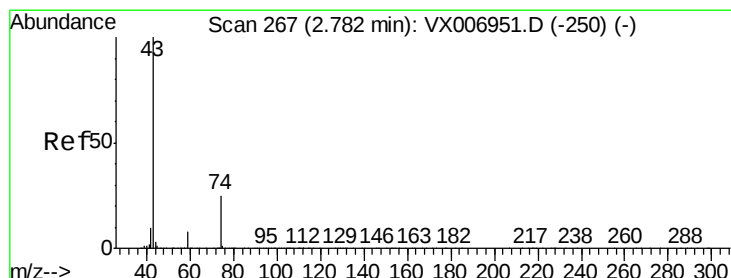
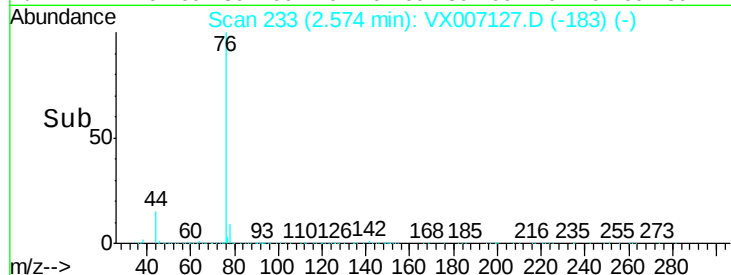
40000

20000

0

2.50 2.57 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 21.738 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007127.D

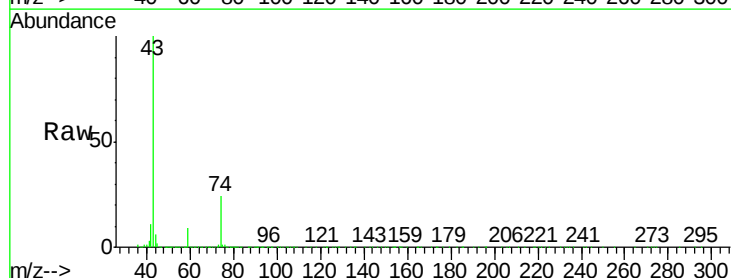
Acq: 18 Jan 2019 11:49

Tgt Ion: 43 Resp: 155700

Ion Ratio Lower Upper

43 100

74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

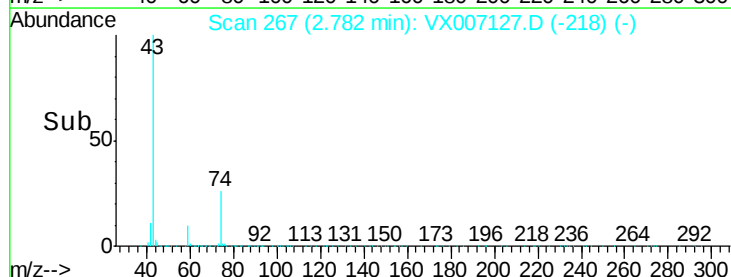
40000

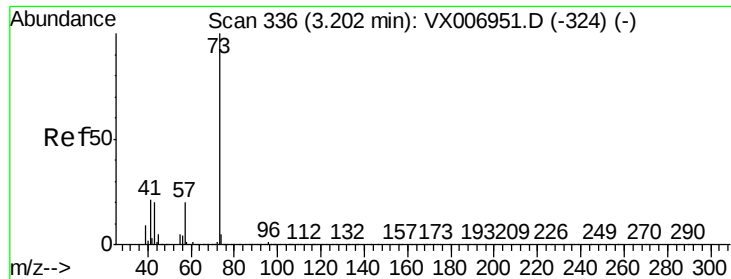
20000

0

2.70 2.75 2.78 2.85

Time-->





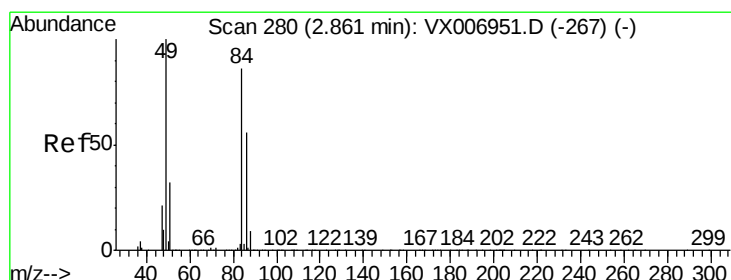
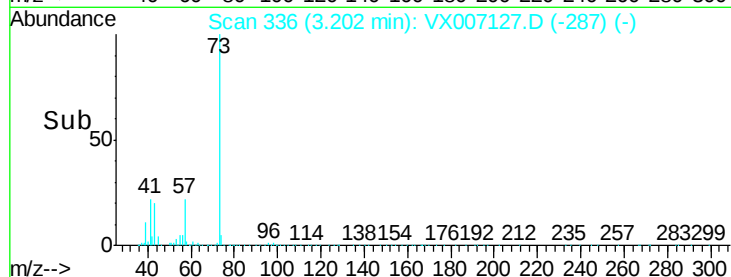
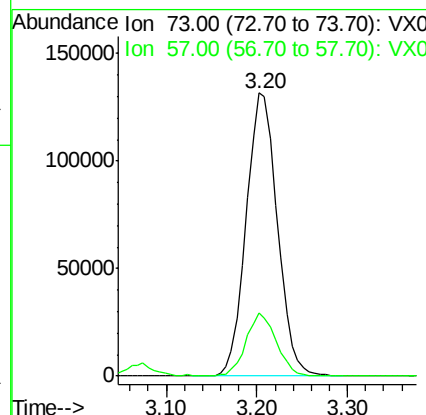
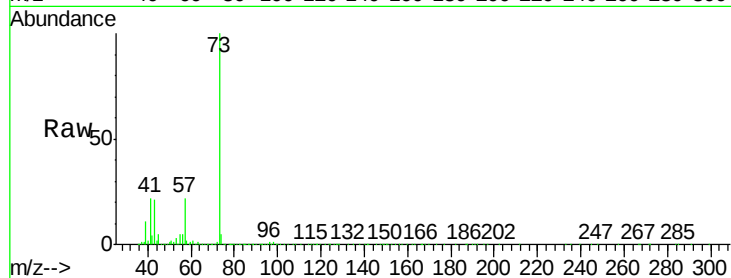
#19
Methyl tert-butyl Ether
Concen: 20.474 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

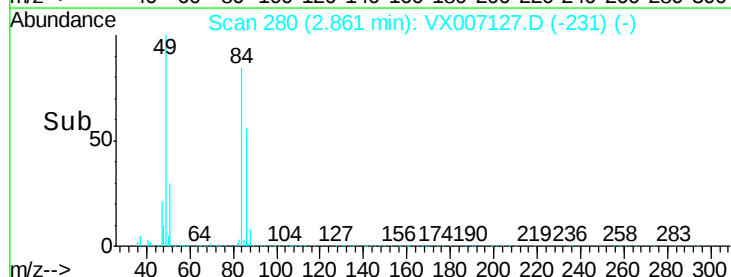
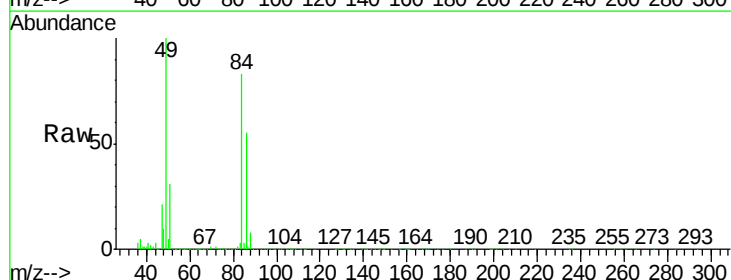
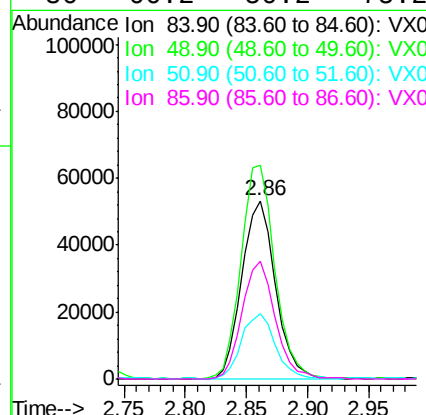
Manual Integrations
APPROVED

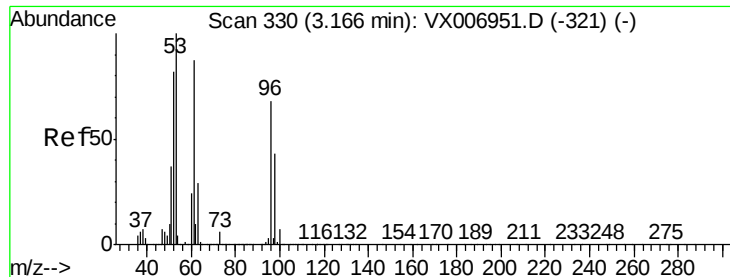
MMDadoda
1/21/2019 9:38:54 AM



#20
Methylene Chloride
Concen: 21.418 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	91.8	137.6
51	36.3	28.5	42.7
86	66.2	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 19.149 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

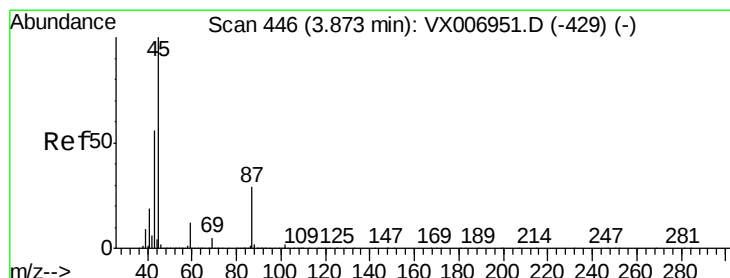
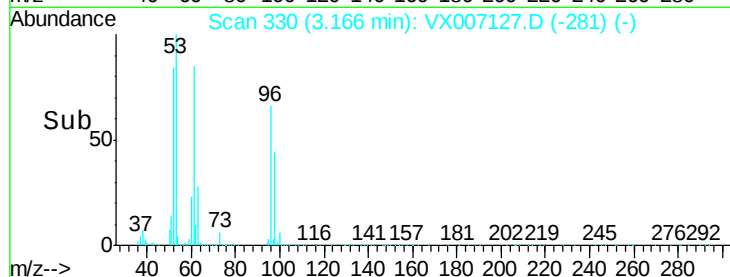
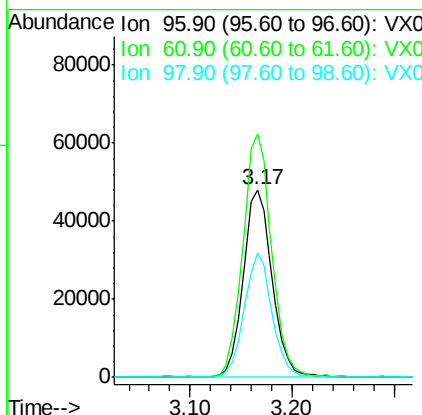
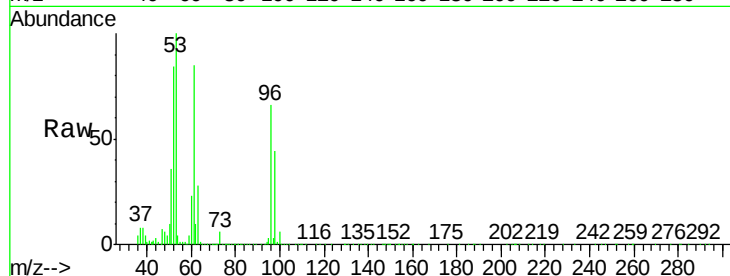
ClientSampleId :

VX0118WBS01

Tot Ion:	96	Resp:	93887
Ion	Ratio	Lower	Upper
96	100		
61	129.2	103.7	155.5
98	66.5	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#22

Diisopropyl ether

Concen: 20.190 ug/l

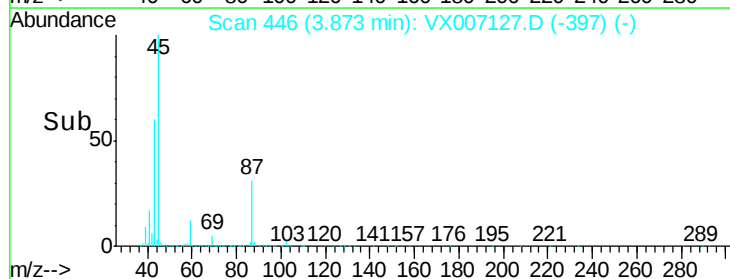
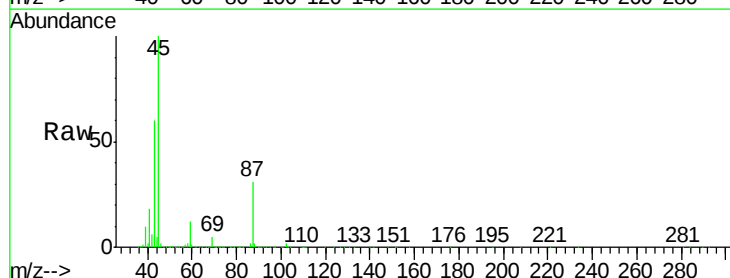
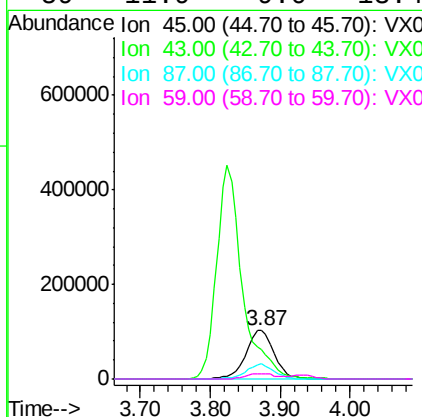
RT: 3.87 min Scan# 446

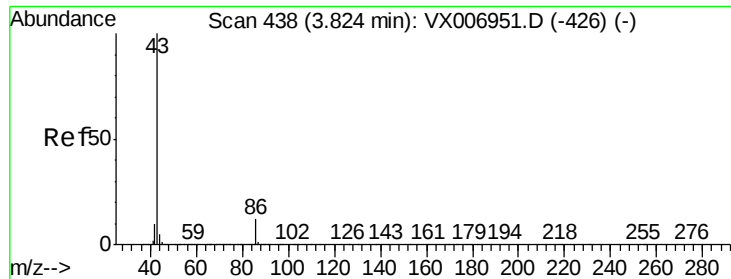
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	45	Resp:	286208
Ion	Ratio	Lower	Upper
45	100		
43	59.8	51.2	76.8
87	30.8	25.8	38.6
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 96.841 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0118WBS01

Tot Ion: 43 Resp: 1157705

Ion Ratio Lower Upper

43 100

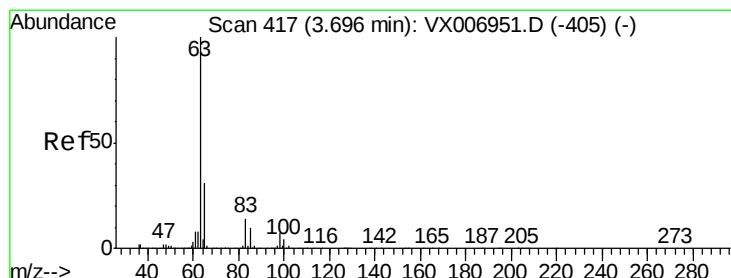
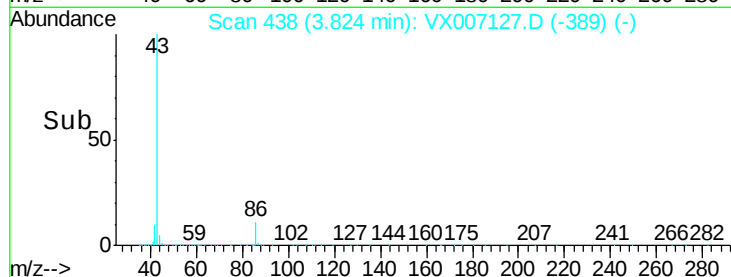
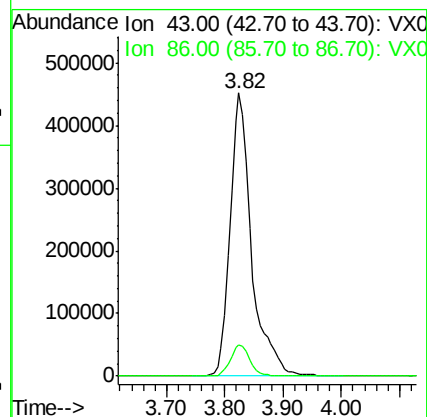
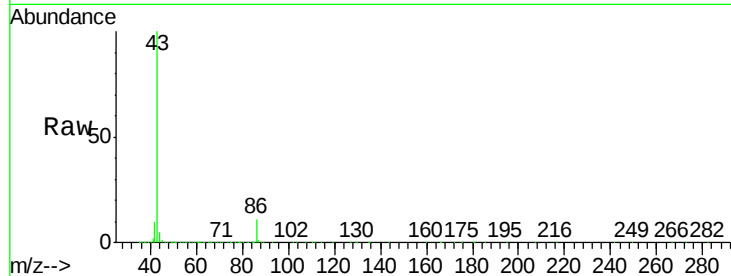
86 10.9 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#24

1,1-Dichloroethane

Concen: 19.920 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

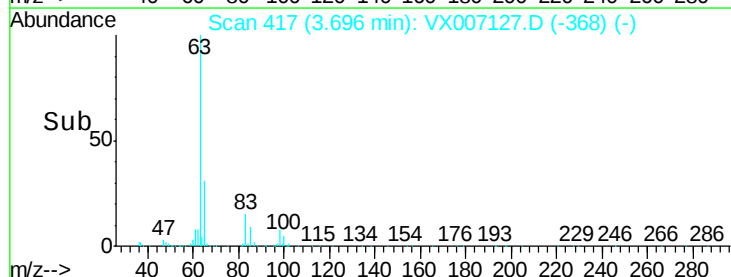
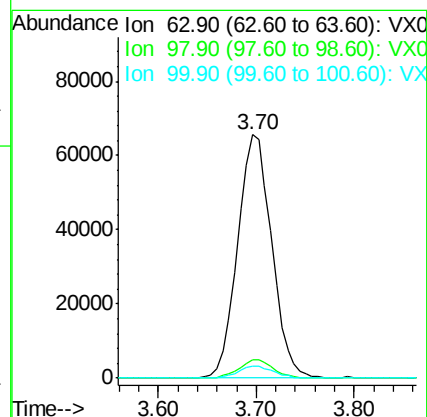
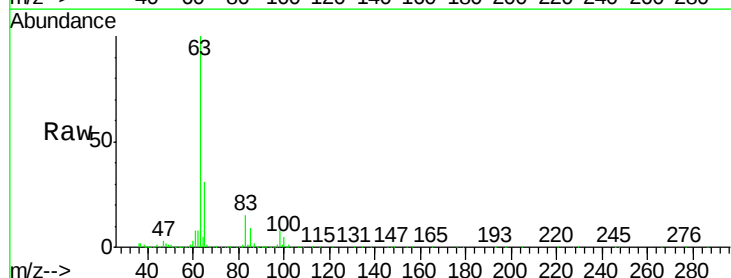
Tgt Ion: 63 Resp: 157895

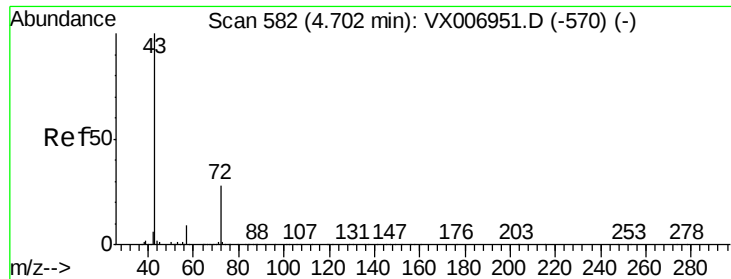
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 105.084 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tot Ion: 43 Resp: 371887

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

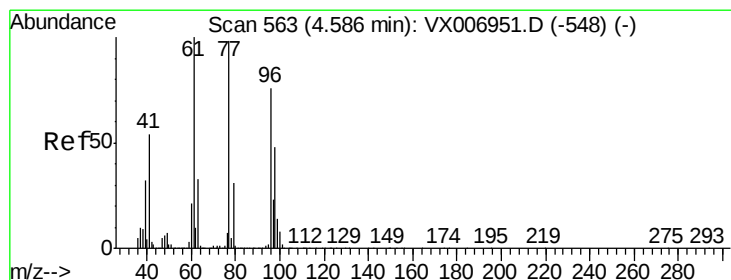
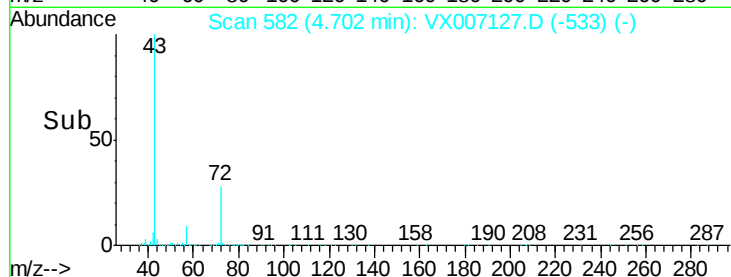
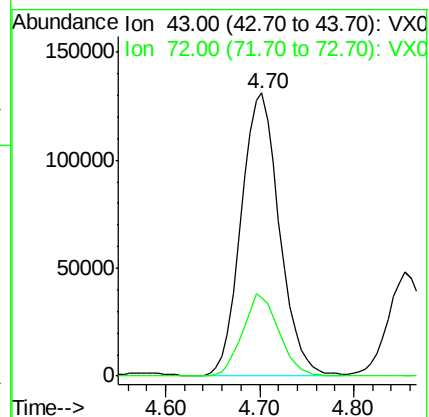
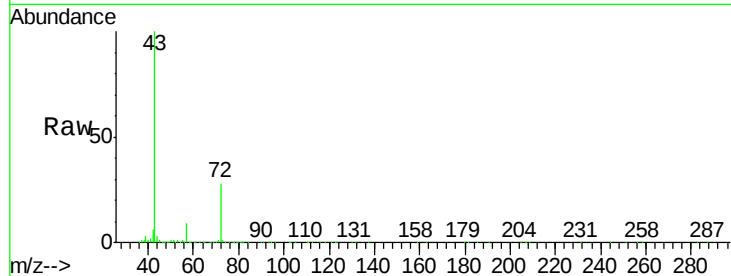
VX0118WBS01

Manual Integrations

APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#26

2,2-Dichloropropane

Concen: 18.591 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007127.D

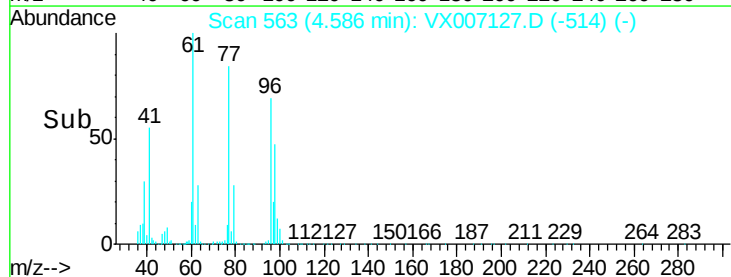
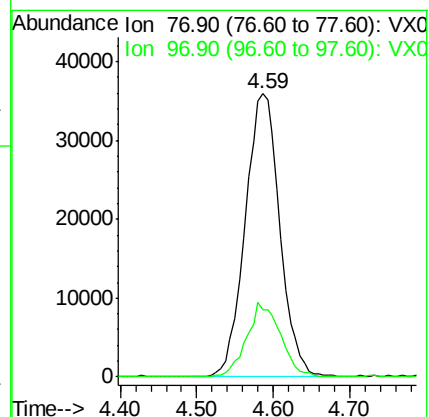
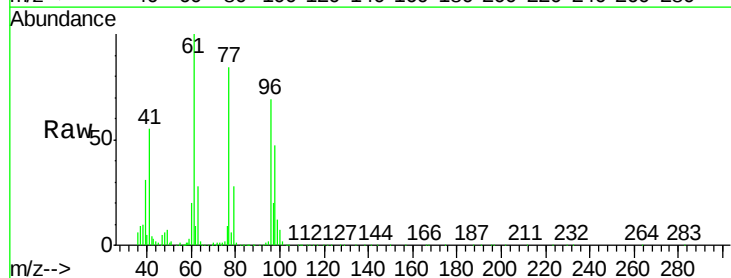
Acq: 18 Jan 2019 11:49

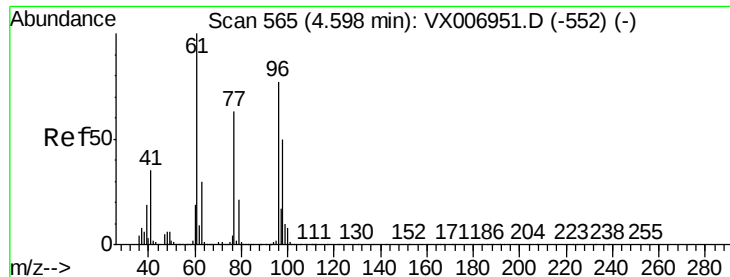
Tgt Ion: 77 Resp: 113315

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.4





#27

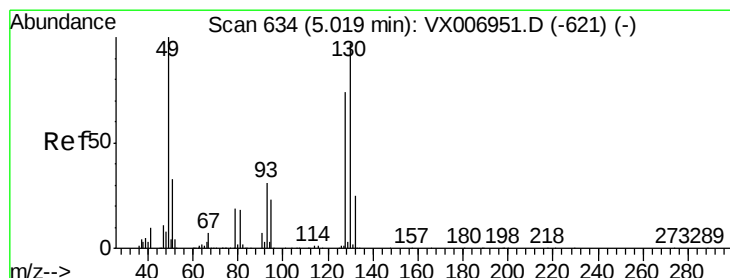
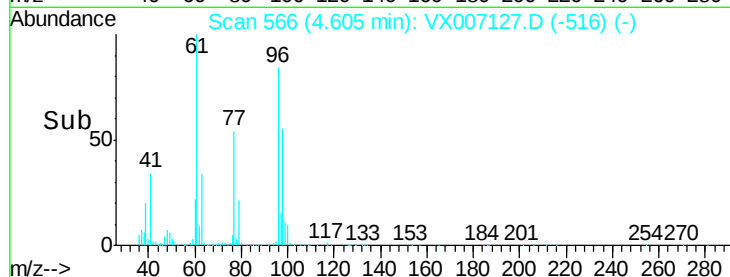
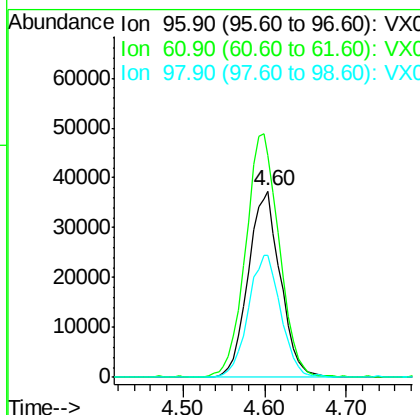
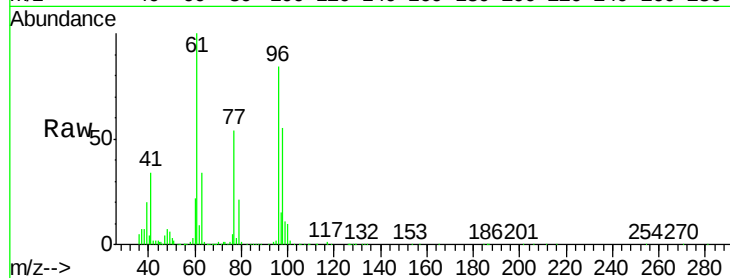
cis-1,2-Dichloroethene
Concen: 19.007 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	102792		
61	135.8	0.0	258.6	
98	66.5	0.0	132.0	

Manual Integrations
APPROVED

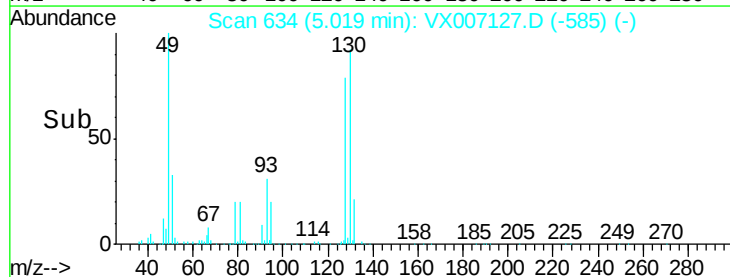
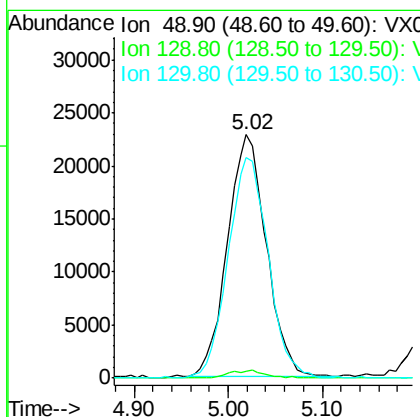
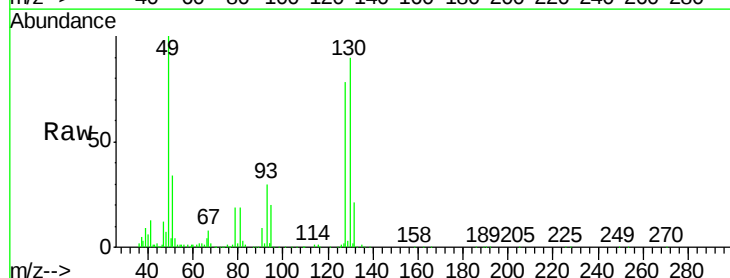
MMDadoda
1/21/2019 9:38:54 AM

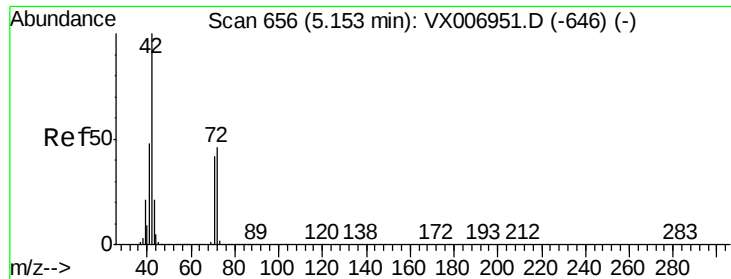


#28

Bromochloromethane
Concen: 18.963 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65855		
129	2.9	0.0	5.4	
130	93.9	77.7	116.5	





#29

Tetrahydrofuran

Concen: 102.715 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

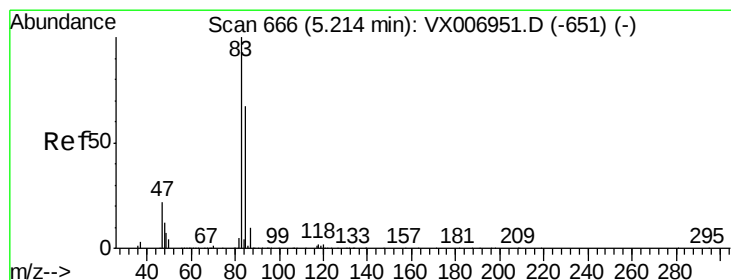
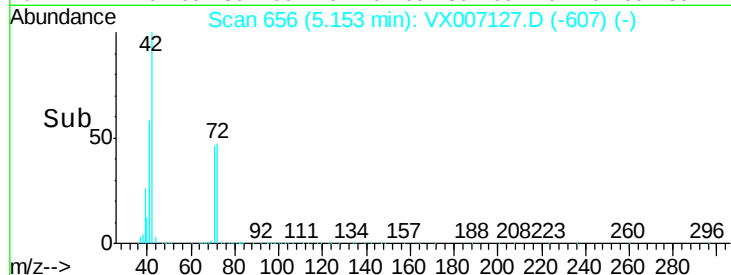
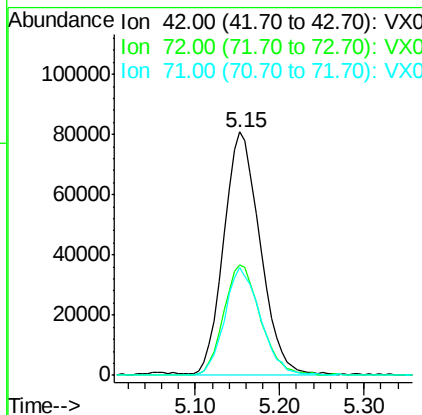
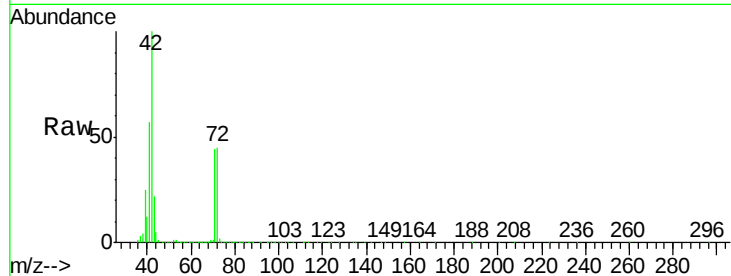
ClientSampled :

VX0118WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	38.9	58.3
71	43.8	36.2	54.4

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#30

Chloroform

Concen: 20.141 ug/l

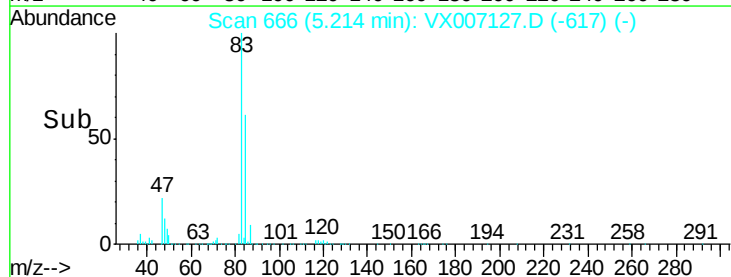
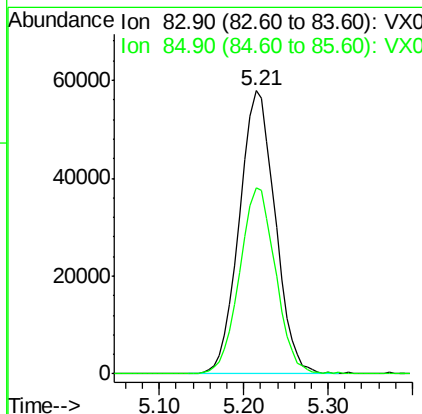
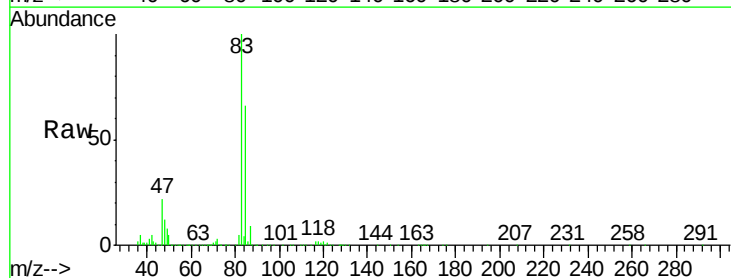
RT: 5.21 min Scan# 666

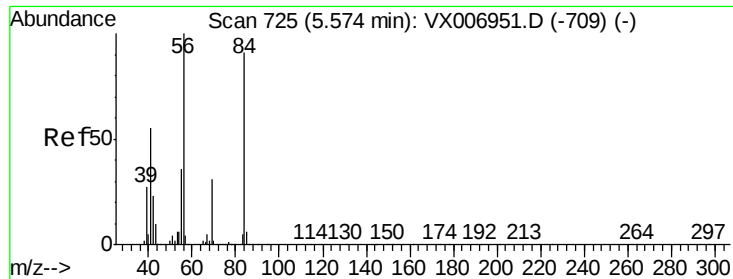
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





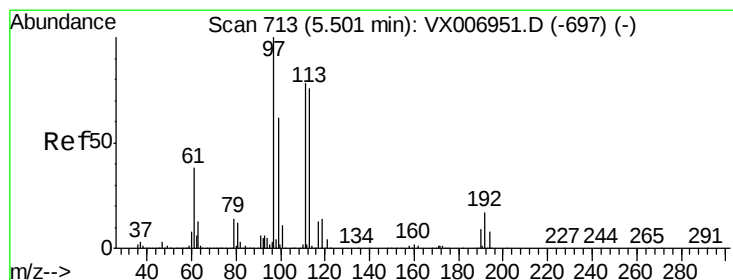
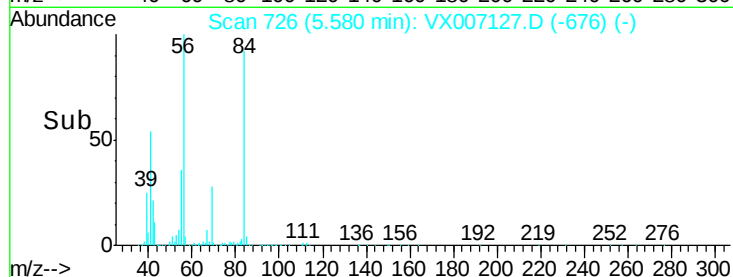
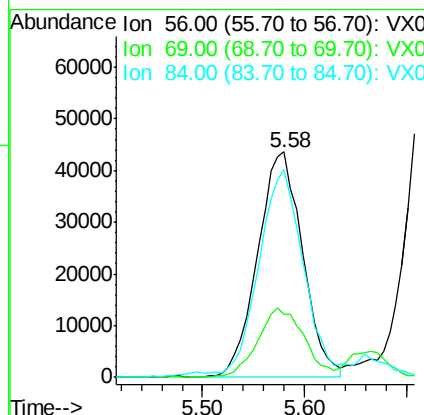
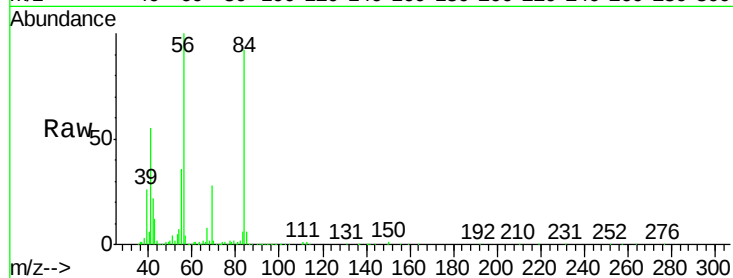
#31
Cyclohexane
Concen: 18.757 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.6	24.4	36.6
84	90.8	70.0	105.0

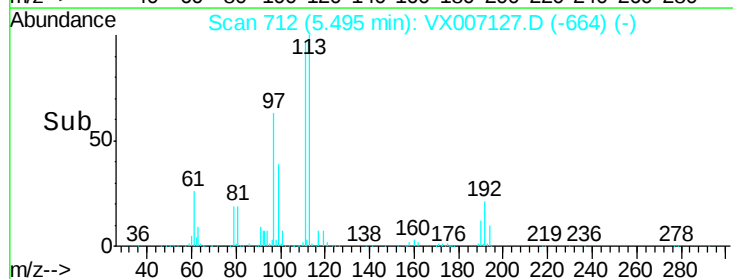
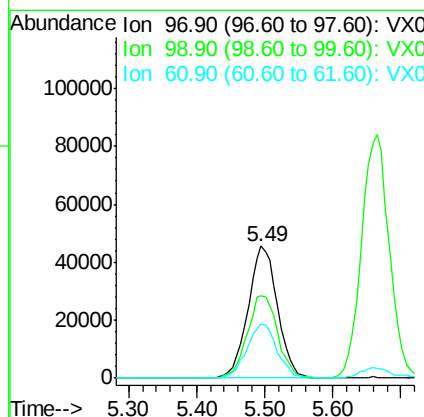
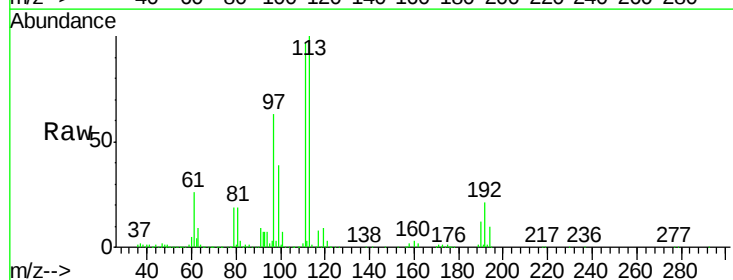
Manual Integrations
APPROVED

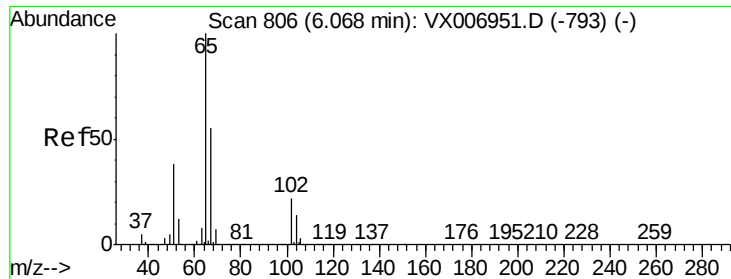
MMDadoda
1/21/2019 9:38:54 AM



#32
1,1,1-Trichloroethane
Concen: 19.496 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	41.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.713 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 65 Resp: 248712

Ion Ratio Lower Upper

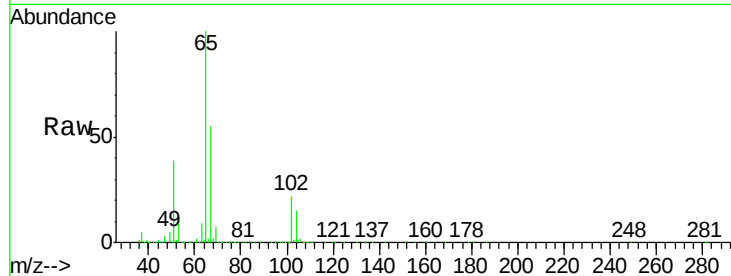
65 100

67 54.1 0.0 105.0

Manual Integrations
APPROVED

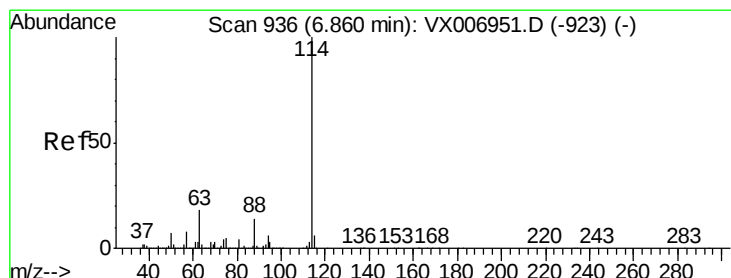
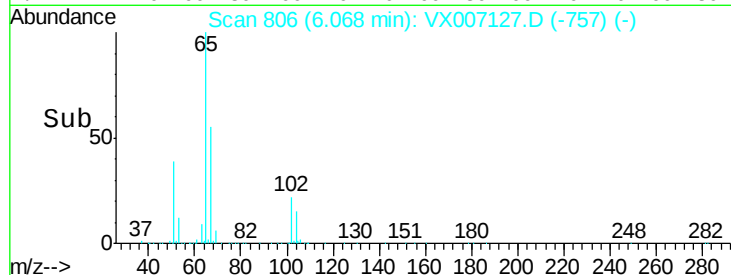
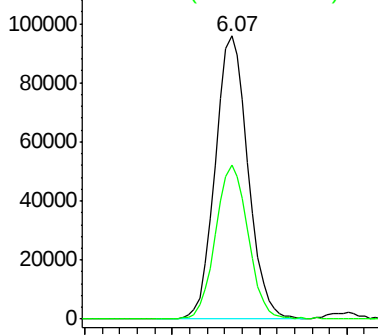
MMDadoda

1/21/2019 9:38:54 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

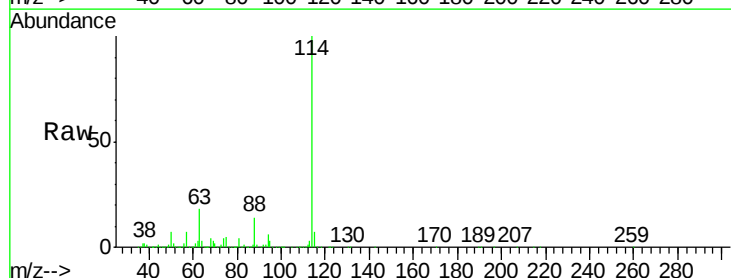
Tgt Ion: 114 Resp: 706837

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

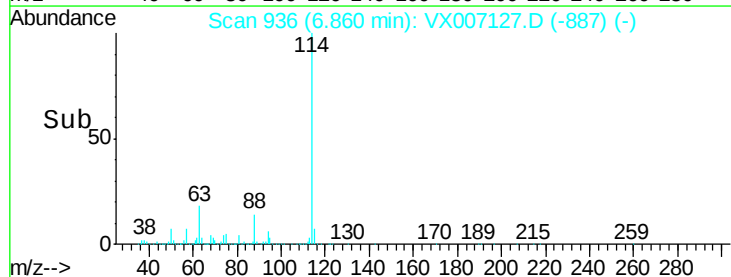
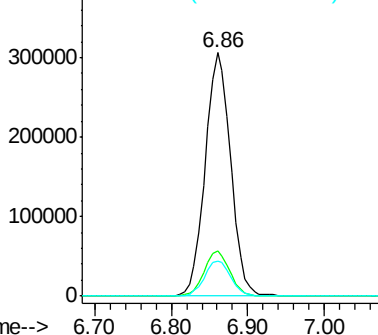
88 14.3 0.0 28.8

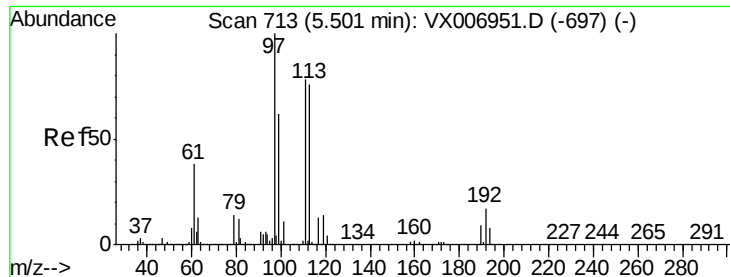


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.888 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

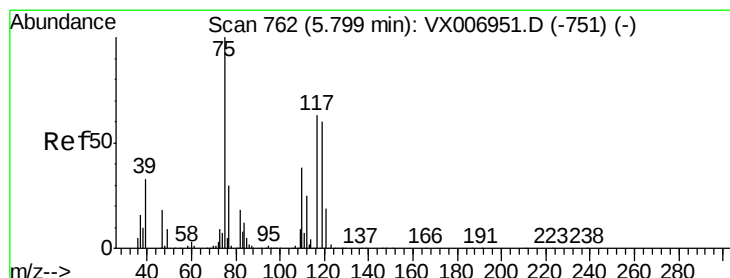
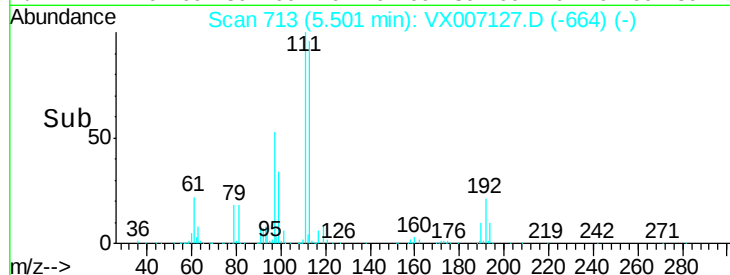
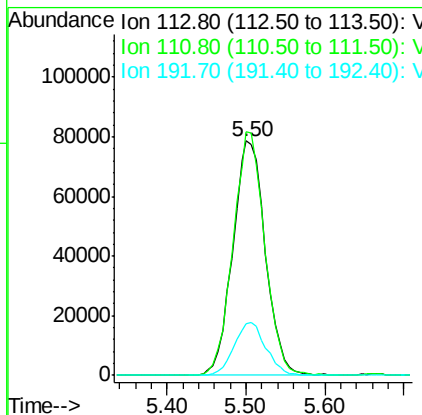
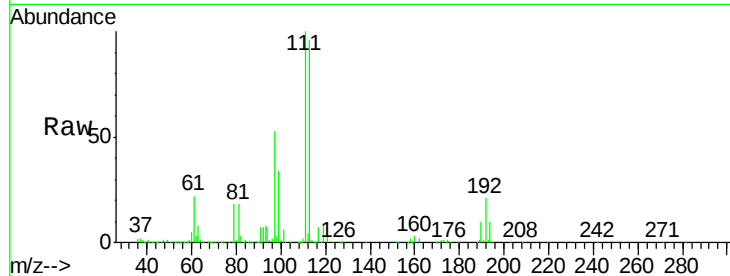
ClientSampleId :

VX0118WBS01

Tot Ion:	113	Resp:	225820
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.6	122.4
192	21.9	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#36

1,1-Dichloropropene

Concen: 19.583 ug/l

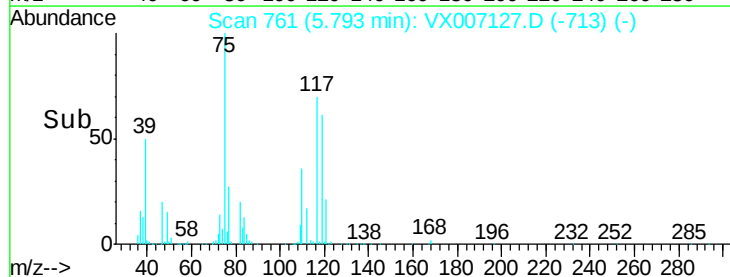
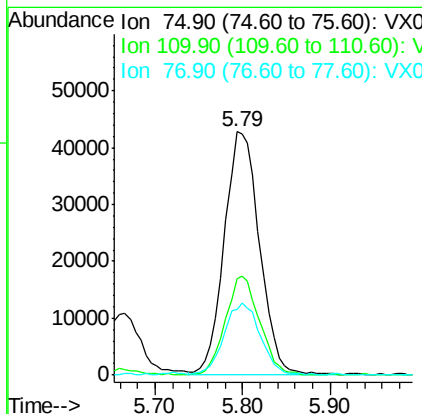
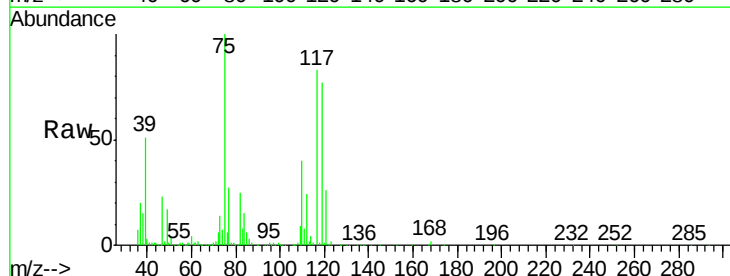
RT: 5.79 min Scan# 761

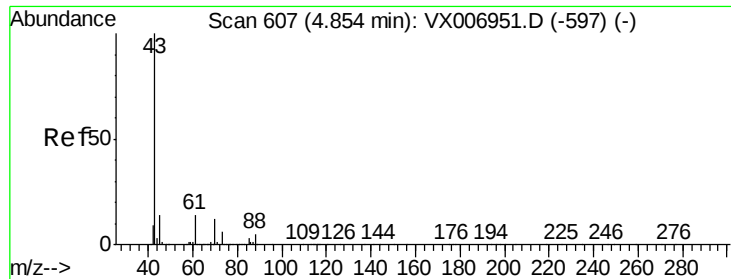
Delta R.T. -0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	75	Resp:	120347
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	30.5	24.8	37.2





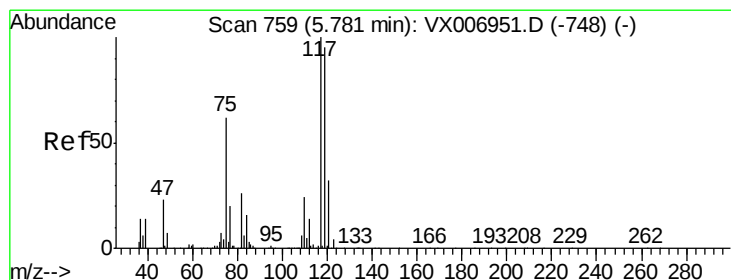
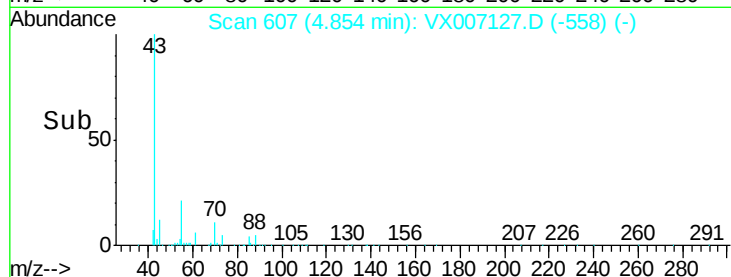
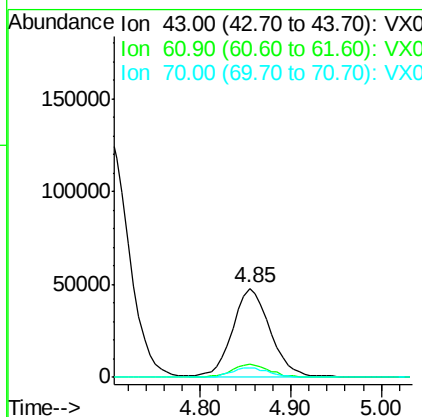
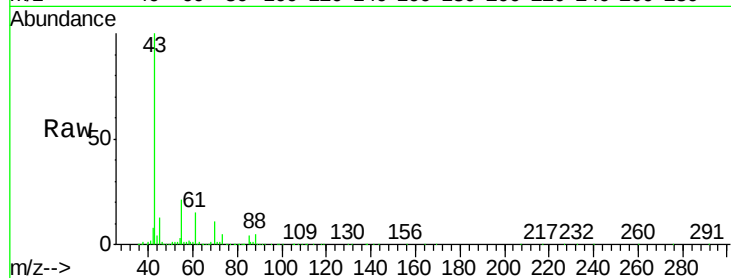
#37
Ethyl Acetate
Concen: 20.665 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	43	Resp	136147
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.9	17.9
70	11.6	9.7	14.5

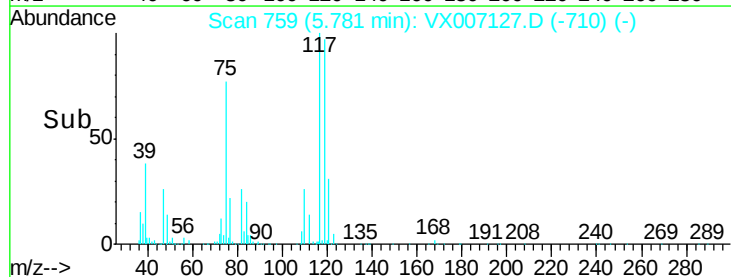
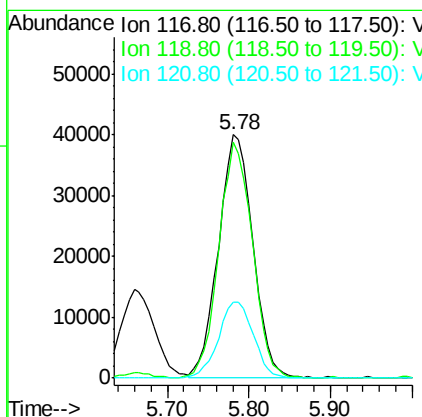
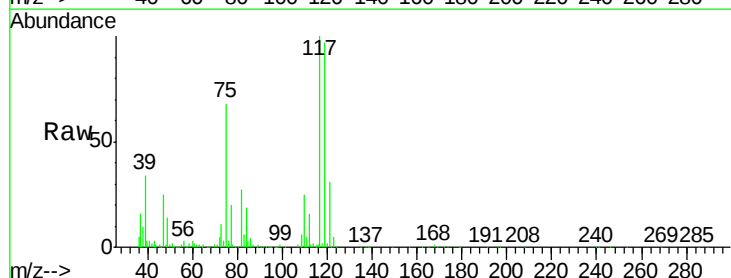
Manual Integrations
APPROVED

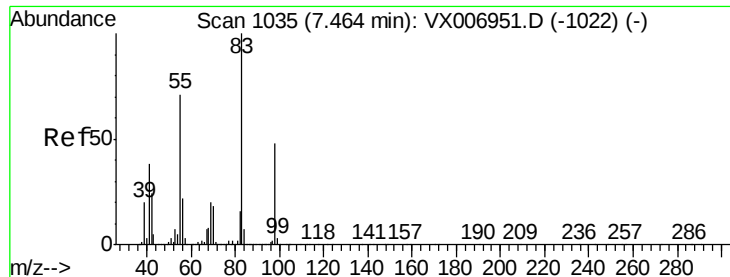
MMDadoda
1/21/2019 9:38:54 AM



#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	117	Resp	117322
Ion Ratio	Lower	Upper	
117	100		
119	96.6	79.4	119.2
121	31.1	24.0	36.0





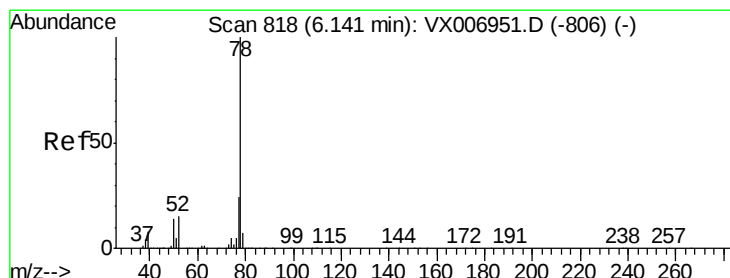
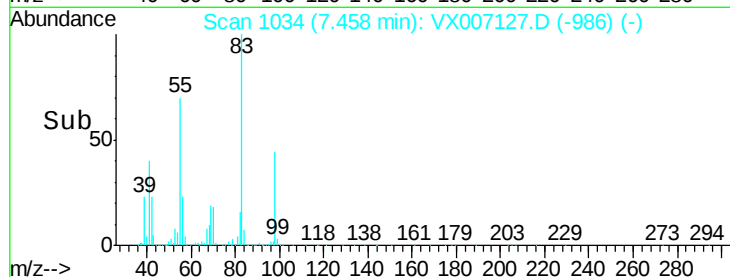
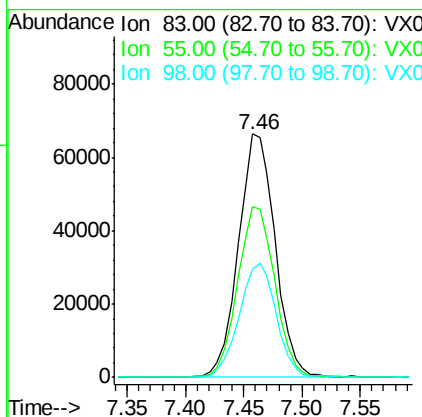
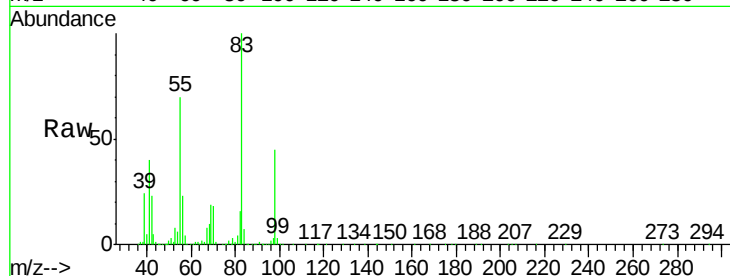
#39
Methvlcvclohexane
Concen: 18.610 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	145796		
55	69.6		54.9	82.3
98	44.3		37.9	56.9

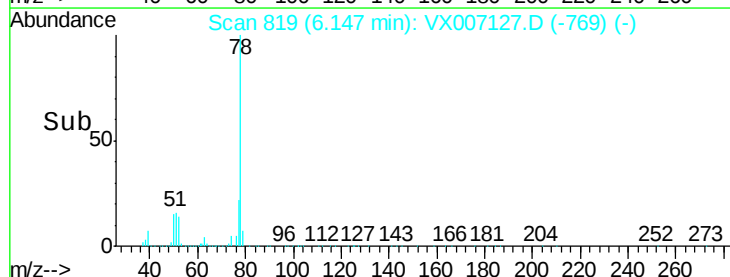
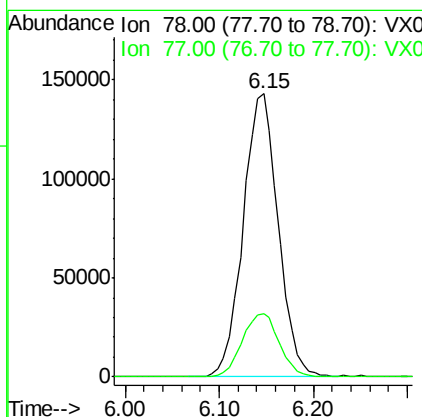
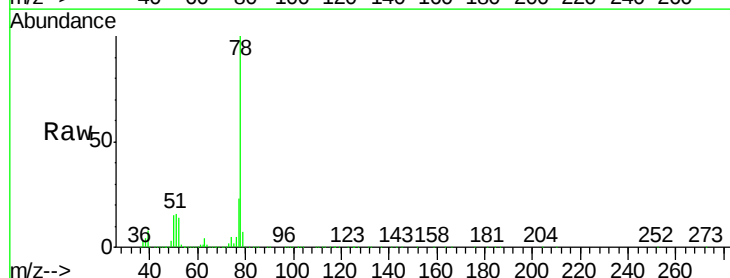
Manual Integrations
APPROVED

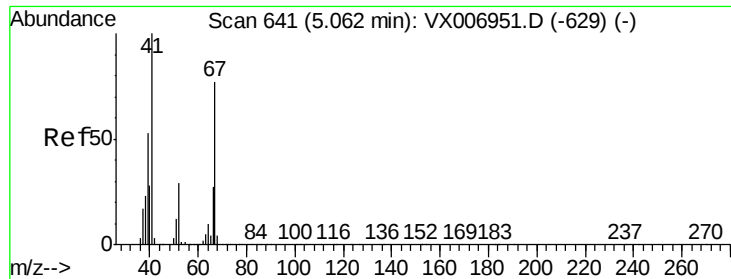
MMDadoda
1/21/2019 9:38:54 AM



#40
Benzene
Concen: 19.871 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	372602		
77	22.4		19.2	28.8





#41

Methacrylonitrile

Concen: 19.431 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

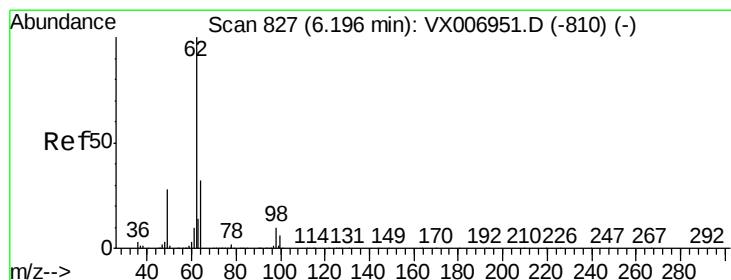
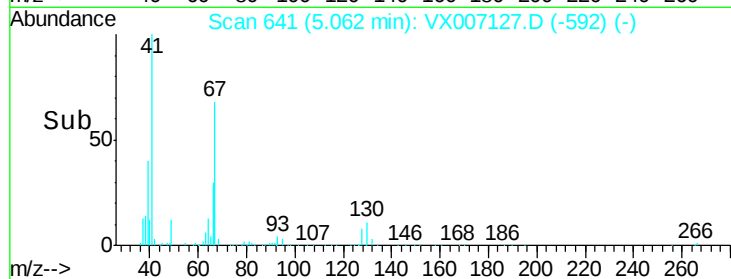
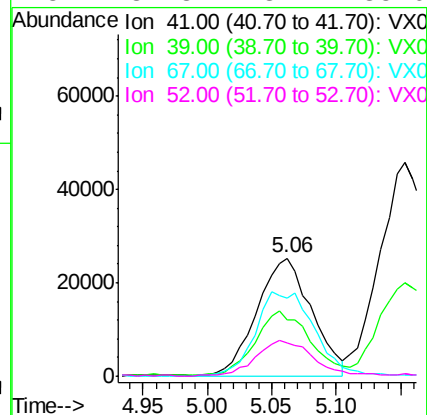
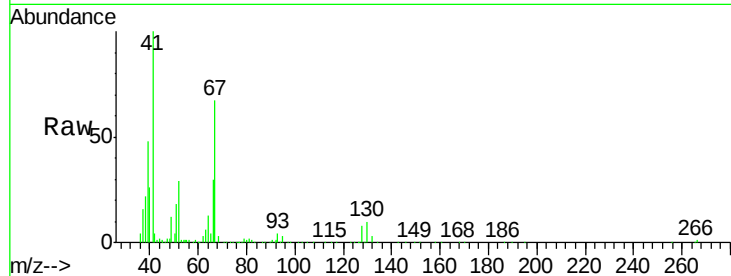
ClientSampleId :

VX0118WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	42.8	64.2	
67	77.9	62.1	93.1	
52	32.3	23.4	35.0	

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#42

1,2-Dichloroethane

Concen: 19.909 ug/l

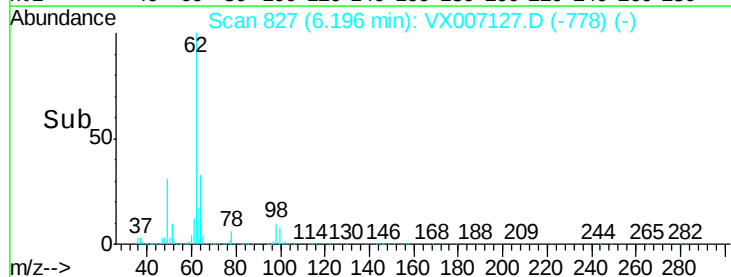
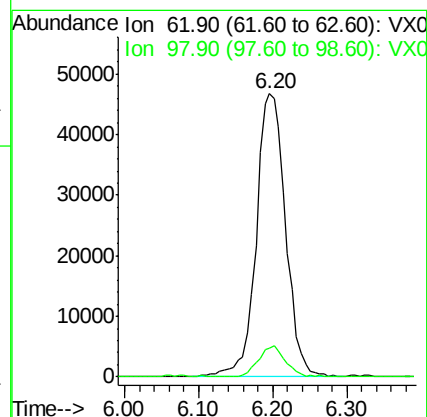
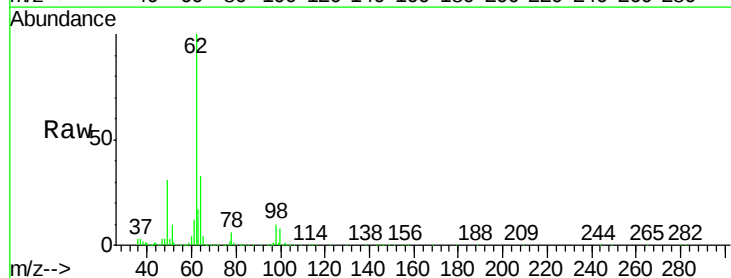
RT: 6.20 min Scan# 827

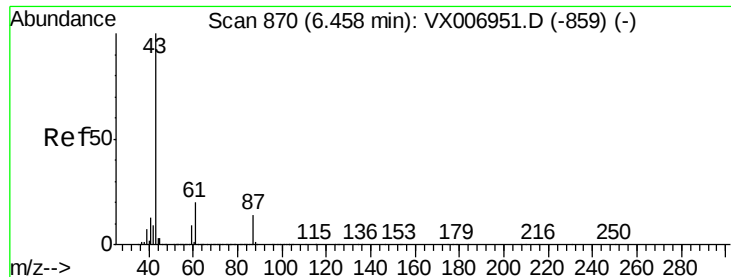
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

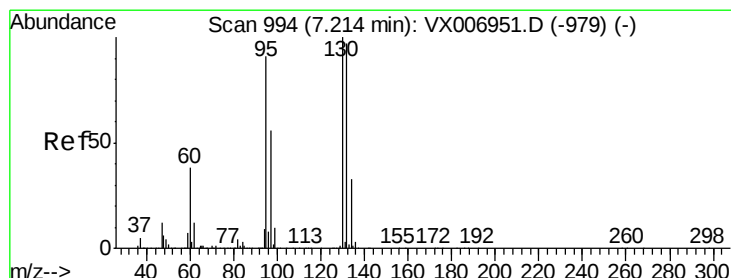
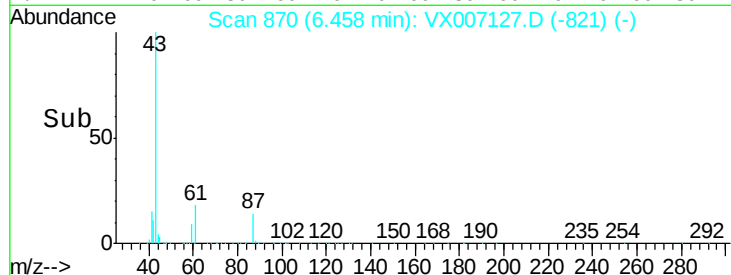
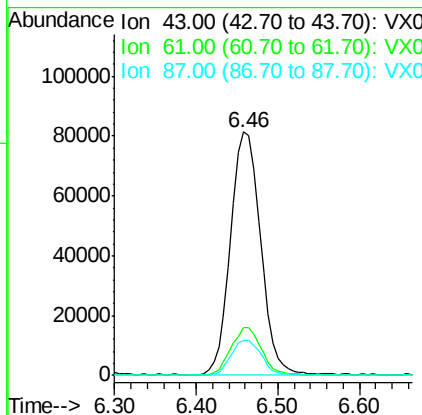
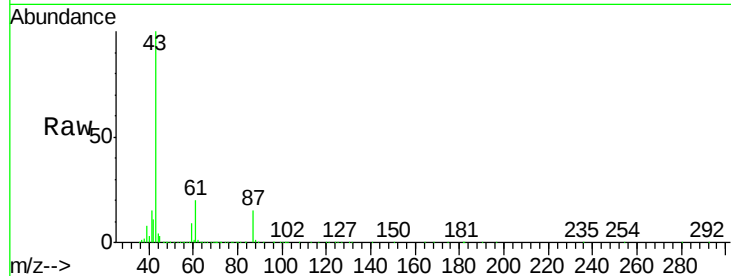
Isopropyl Acetate
 Concen: 20.096 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.8	25.2
87	14.6	12.4	18.6

Manual Integrations
 APPROVED

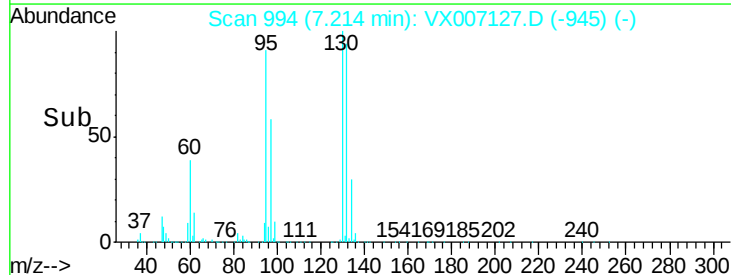
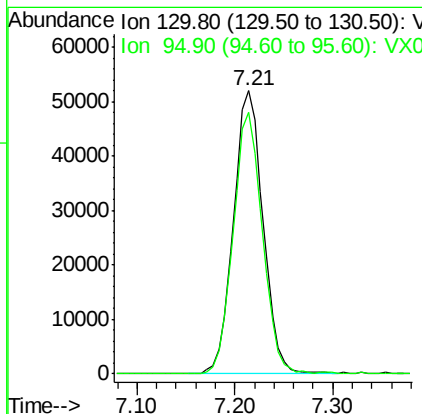
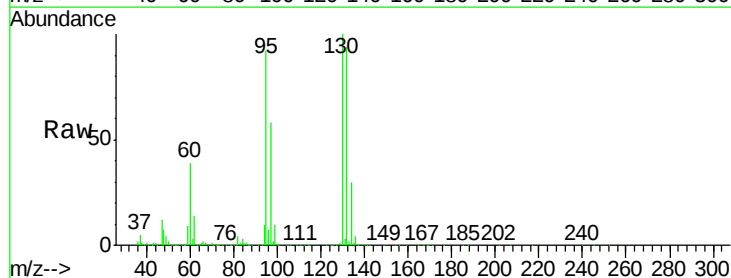
MMDadoda
 1/21/2019 9:38:54 AM

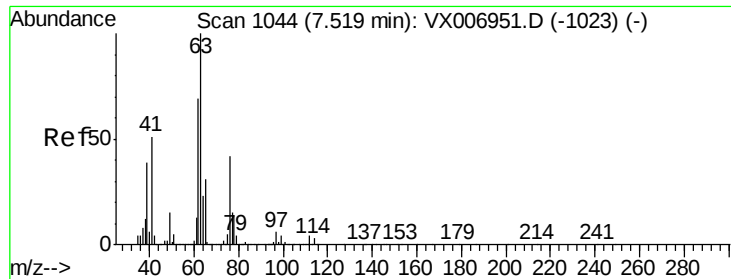


#44

Trichloroethene
 Concen: 19.436 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.765 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 63 Resp: 93175

Ion Ratio Lower Upper

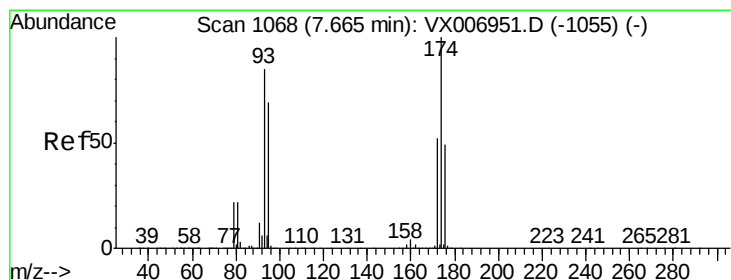
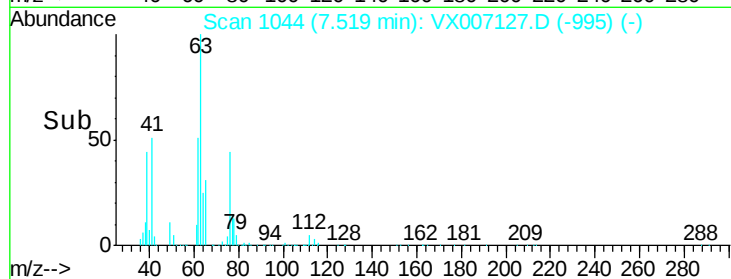
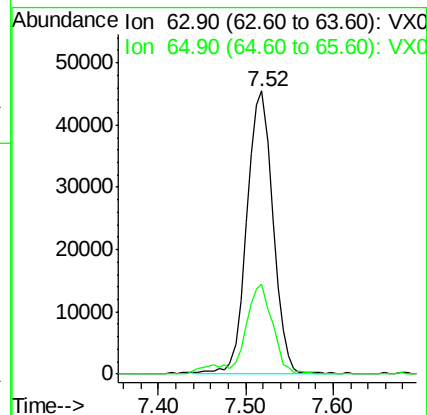
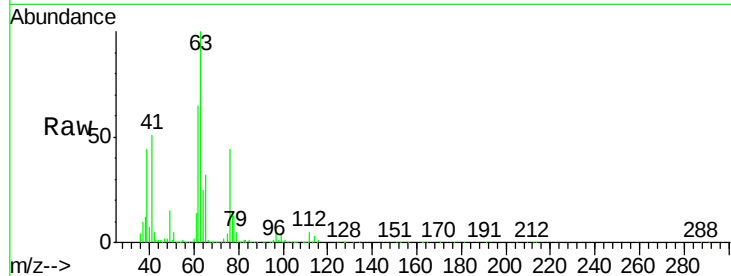
63 100

65 32.1 25.4 38.0

Manual Integrations
APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#46

Dibromomethane

Concen: 20.163 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

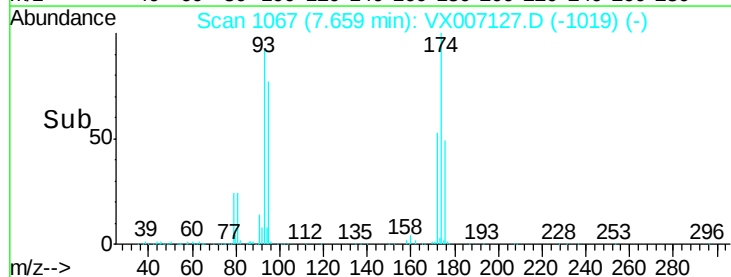
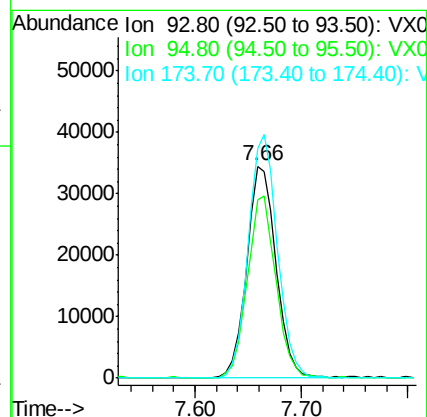
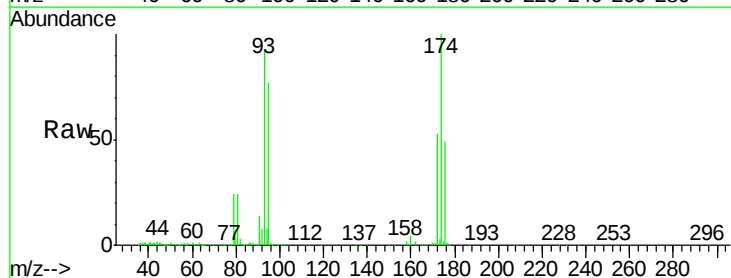
Tgt Ion: 93 Resp: 66803

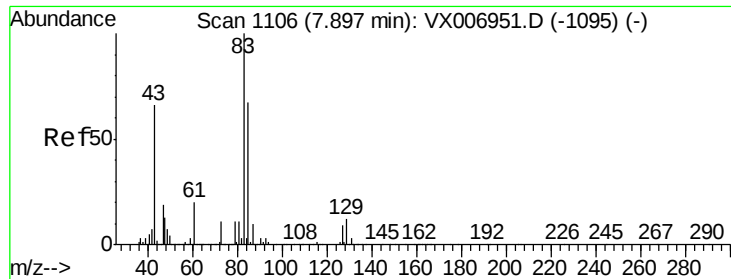
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 114.5 91.0 136.4





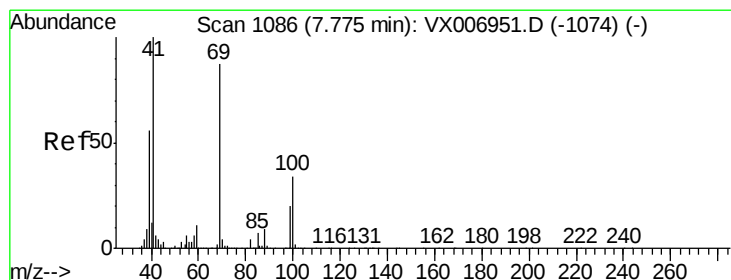
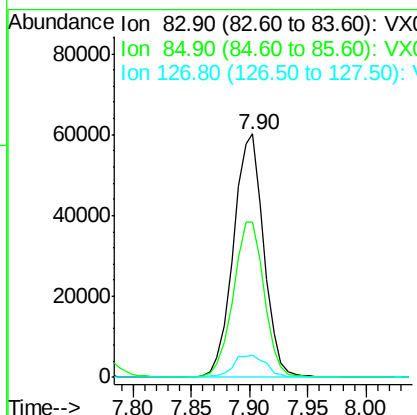
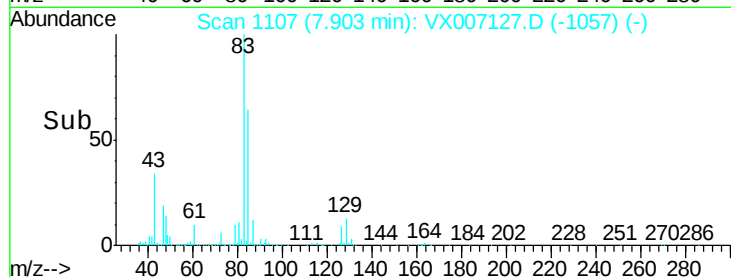
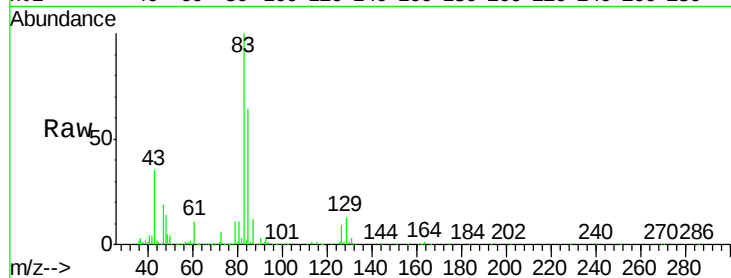
#47
 Bromodichloromethane
 Concen: 19.334 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	109031		
85	63.9		53.2	79.8
127	9.3		7.8	11.6

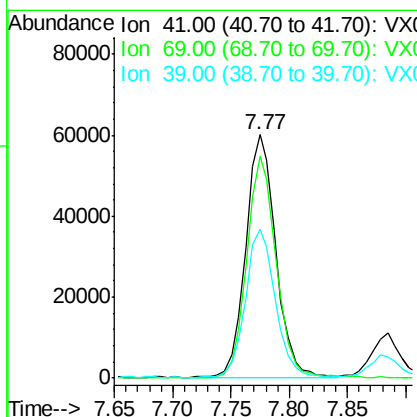
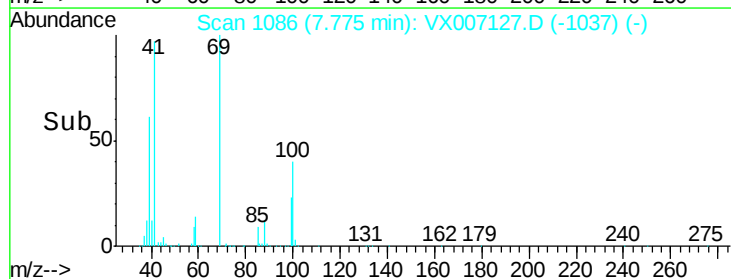
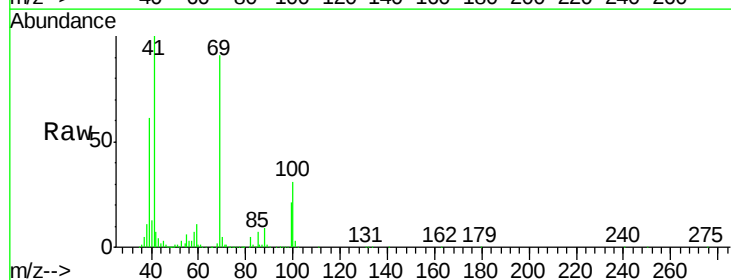
Manual Integrations
 APPROVED

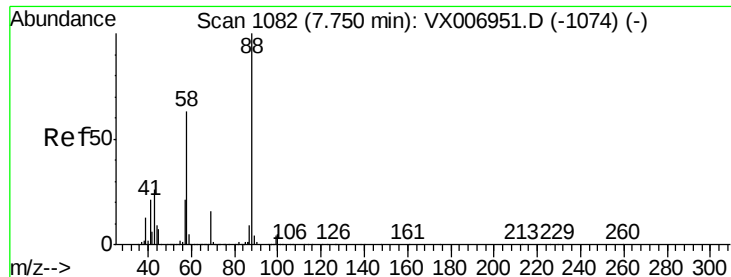
MMDadoda
 1/21/2019 9:38:54 AM



#48
 Methyl methacrylate
 Concen: 20.330 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	108499		
69	90.2		72.4	108.6
39	61.3		45.8	68.8





#49

1,4-Dioxane

Concen: 421.987 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

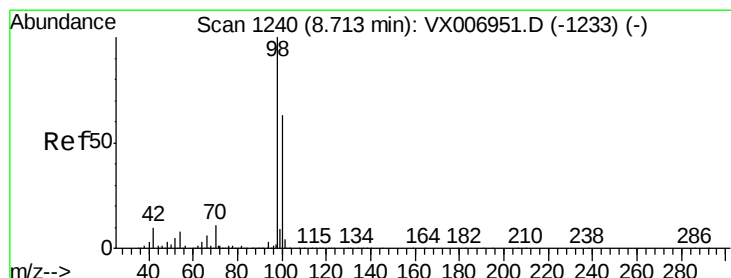
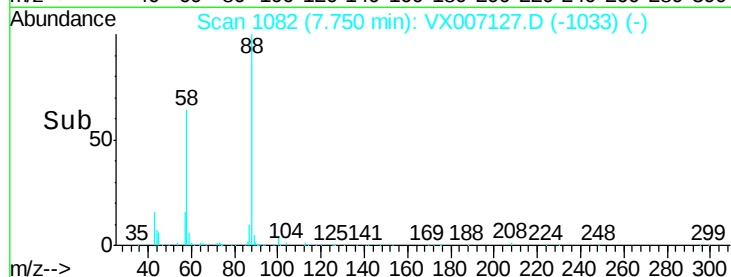
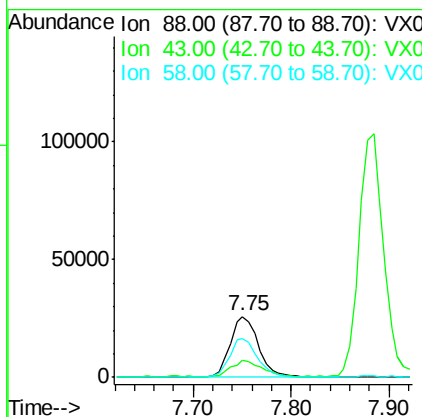
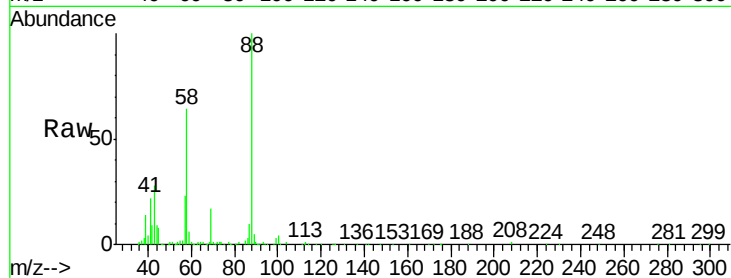
ClientSampleId :

VX0118WBS01

Tot Ion:	88	Resp:	52035
Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.2	33.4
58	63.1	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#50

Toluene-d8

Concen: 50.049 ug/l

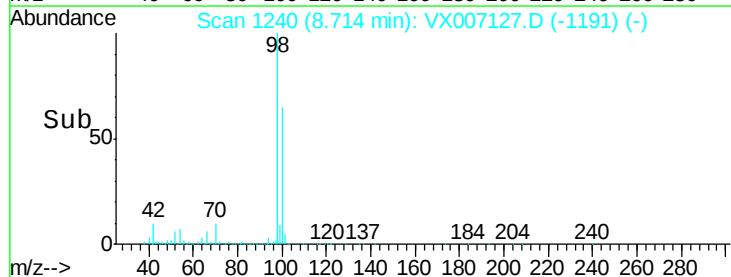
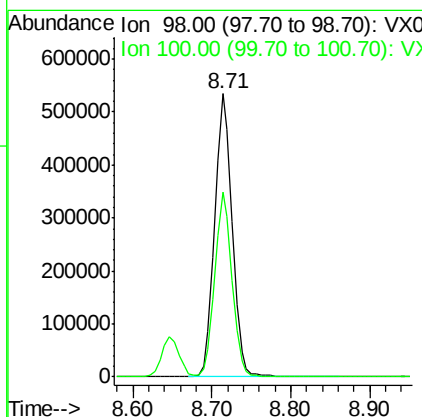
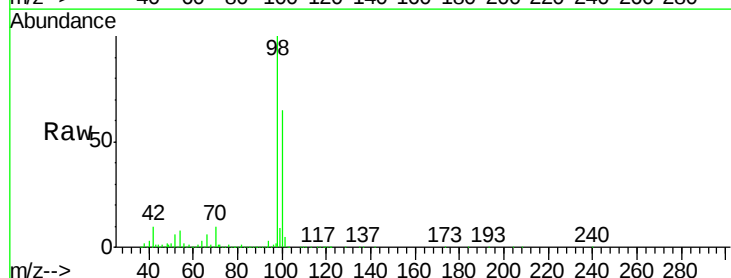
RT: 8.71 min Scan# 1240

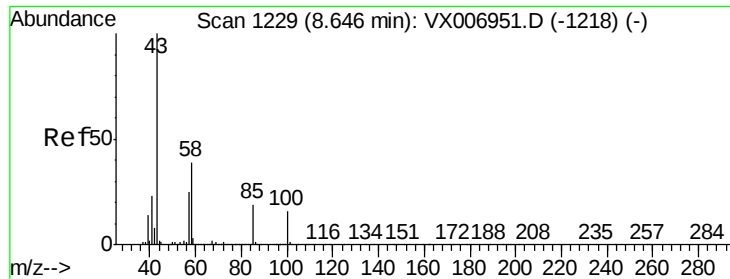
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	98	Resp:	829235
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





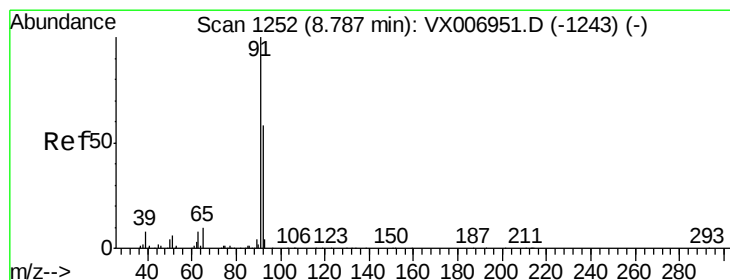
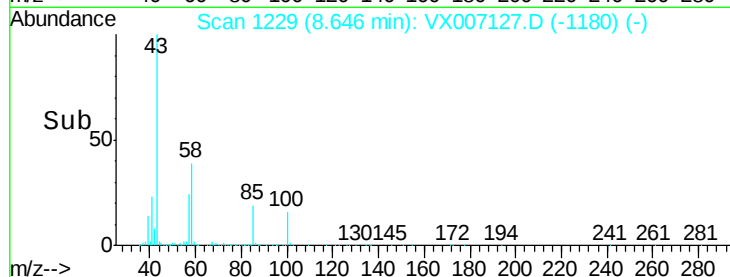
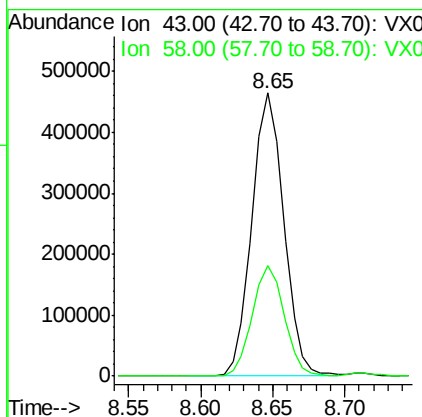
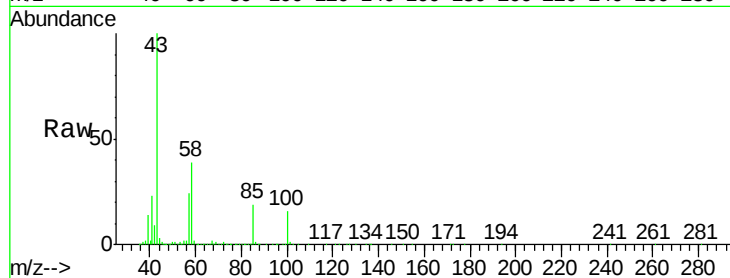
#51
4-Methyl-2-Pentanone
Concen: 106.563 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.8	47.6

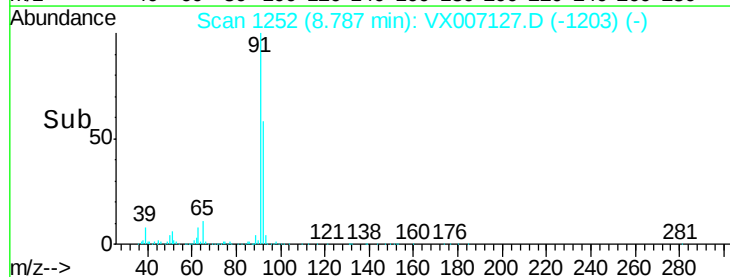
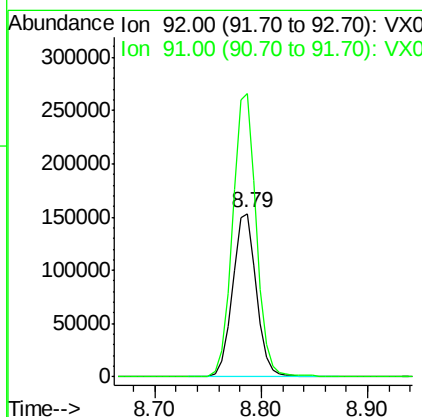
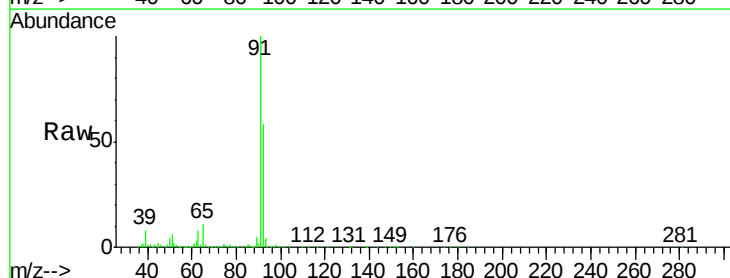
Manual Integrations
APPROVED

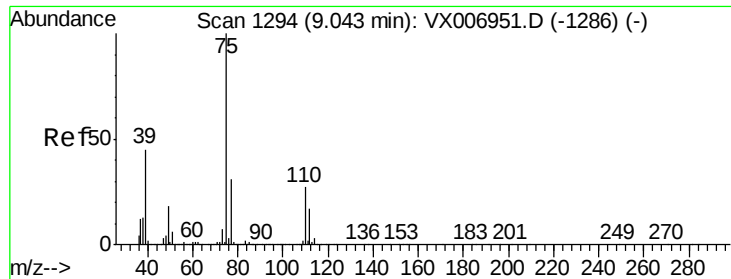
MMDadoda
1/21/2019 9:38:54 AM



#52
Toluene
Concen: 19.977 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.5	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 18.558 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 75 Resp: 116049

Ion Ratio Lower Upper

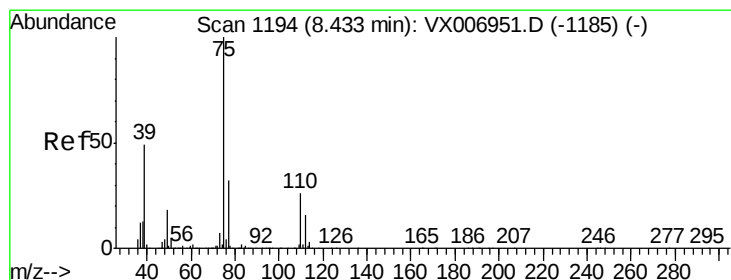
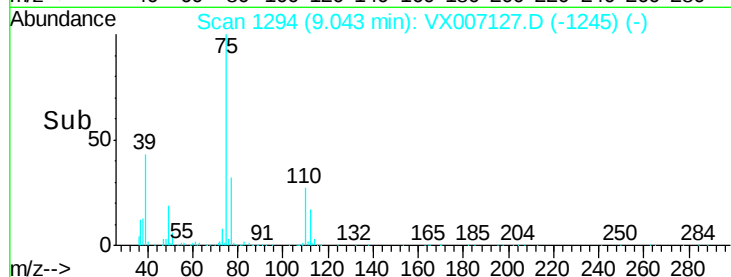
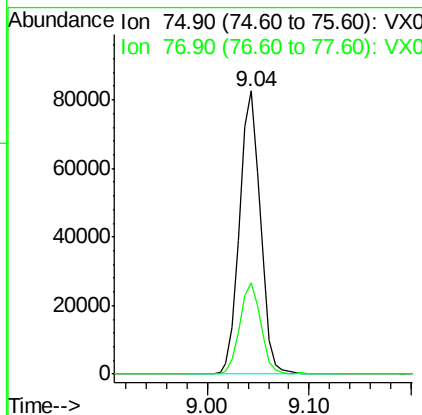
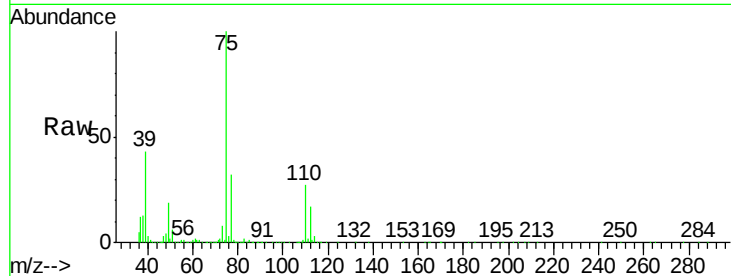
75 100

77 32.4 25.4 38.0

Manual Integrations
APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#54

cis-1,3-Dichloropropene

Concen: 19.145 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

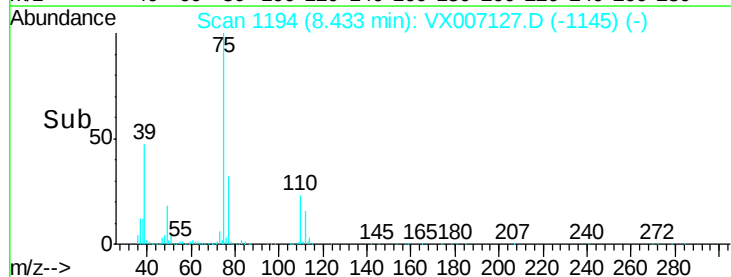
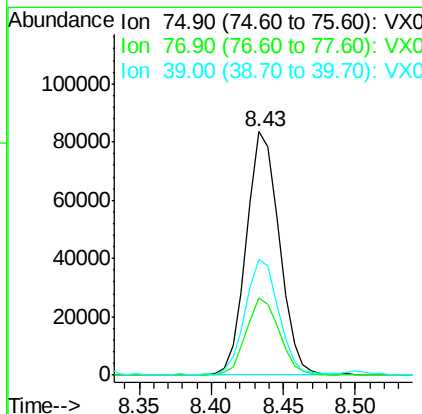
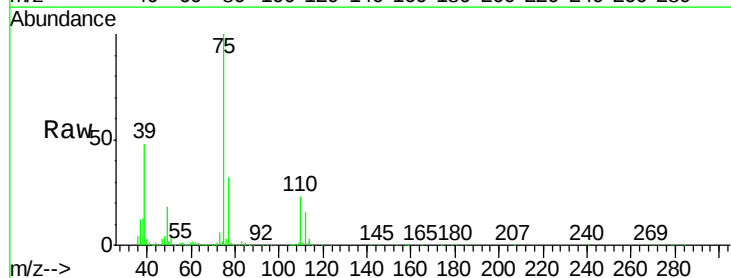
Tgt Ion: 75 Resp: 132213

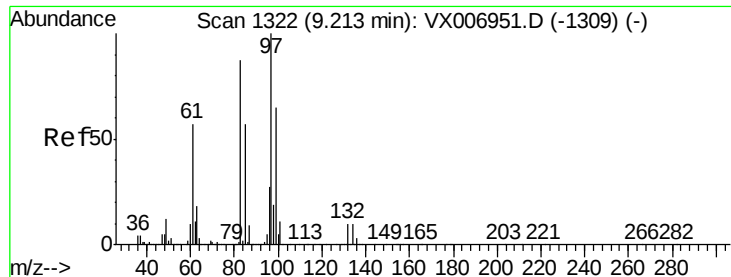
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 47.2 36.7 55.1





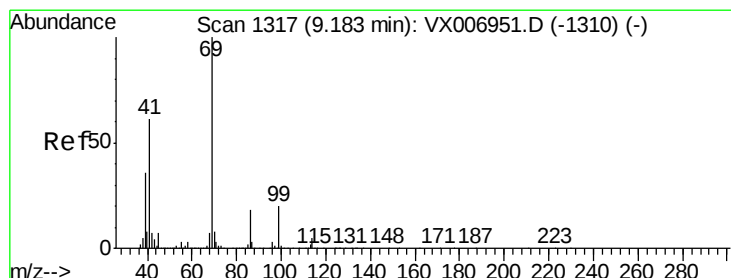
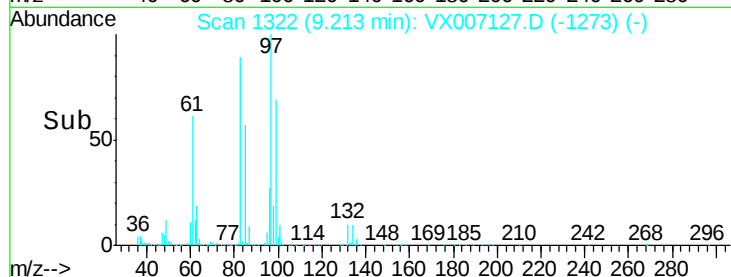
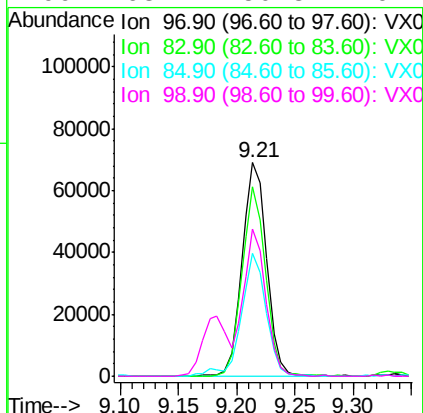
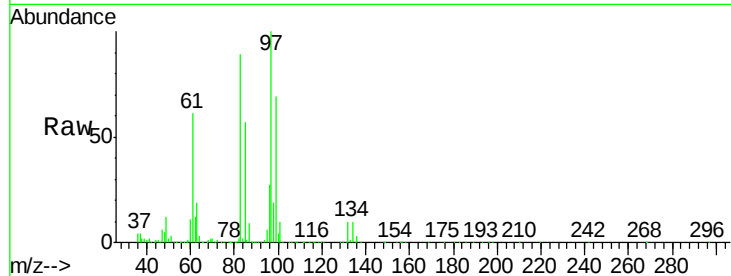
#55
 1,1,2-Trichloroethane
 Concen: 21.093 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0118WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101753		
83	88.8	66.6	99.8		
85	57.2	42.7	64.1		
99	68.7	50.8	76.2		

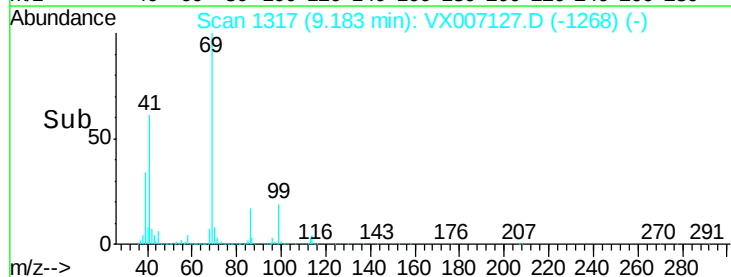
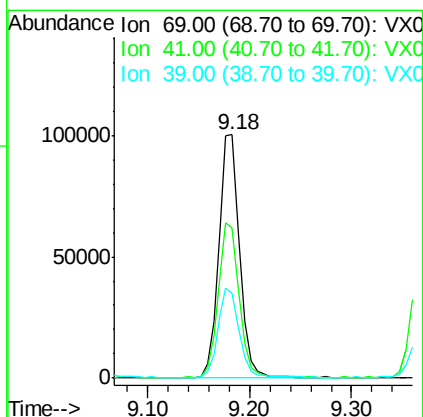
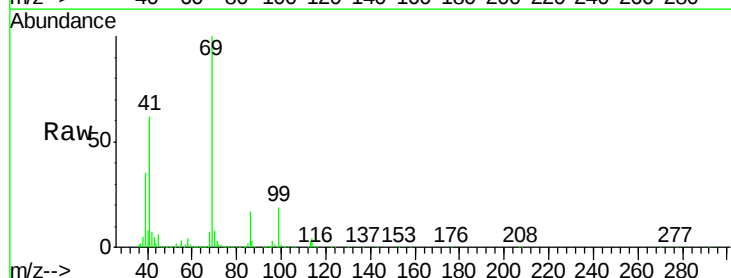
Manual Integrations
 APPROVED

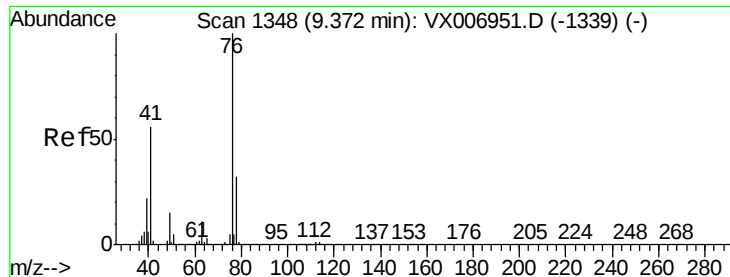
MMDadoda
 1/21/2019 9:38:54 AM



#56
 Ethyl methacrylate
 Concen: 20.520 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		144512		
41	64.0	48.7	73.1		
39	37.1	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 20.555 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 76 Resp: 162452

Ion Ratio Lower Upper

76 100

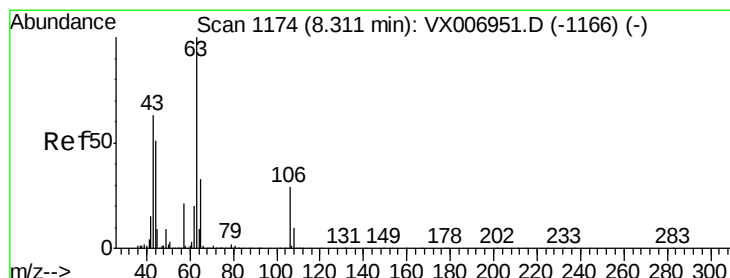
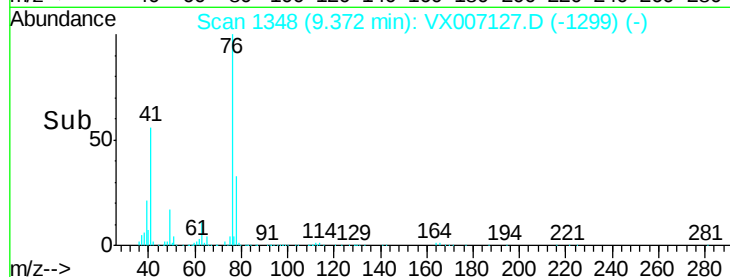
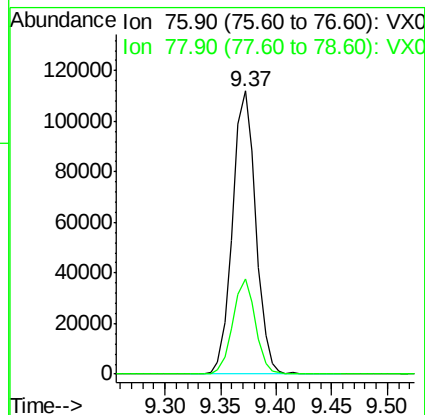
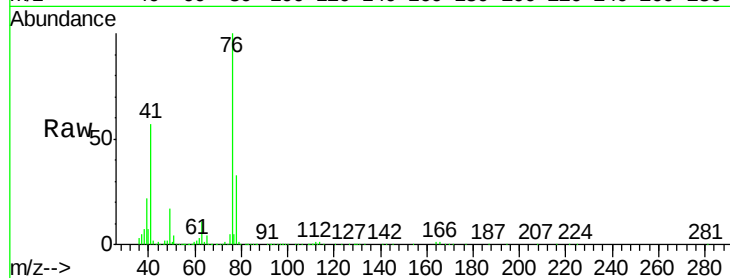
78 32.7 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#58

2-Chloroethyl Vinyl ether

Concen: 104.164 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007127.D

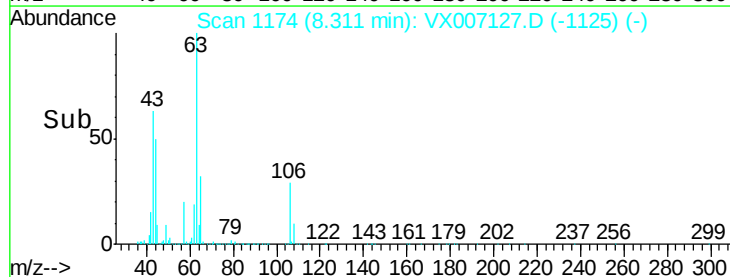
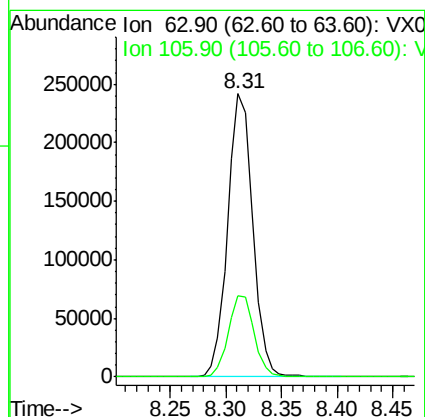
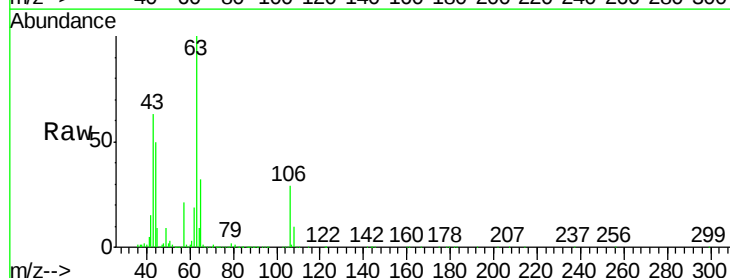
Acq: 18 Jan 2019 11:49

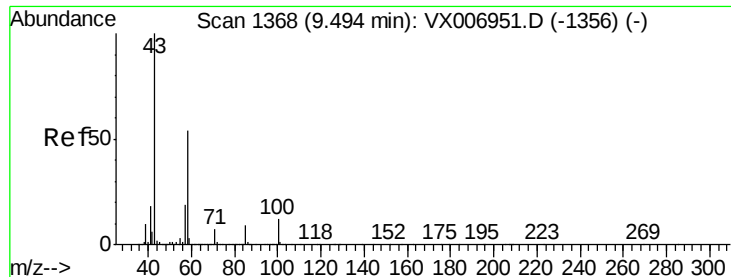
Tgt Ion: 63 Resp: 377170

Ion Ratio Lower Upper

63 100

106 29.6 24.6 36.8





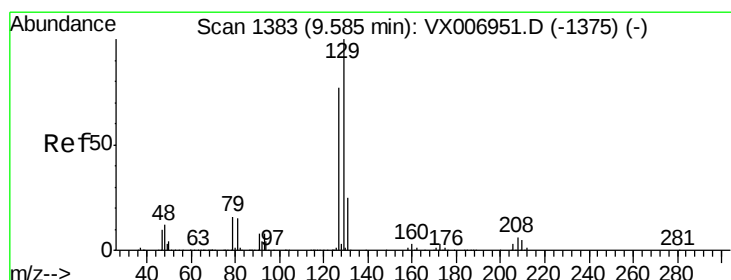
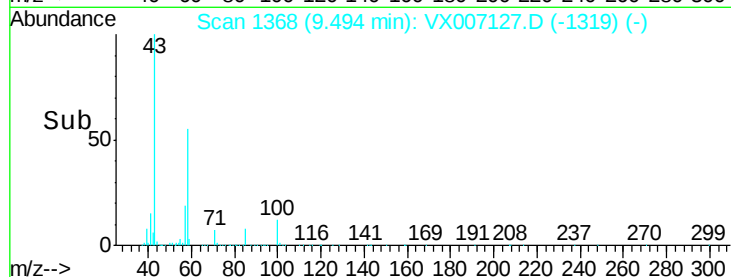
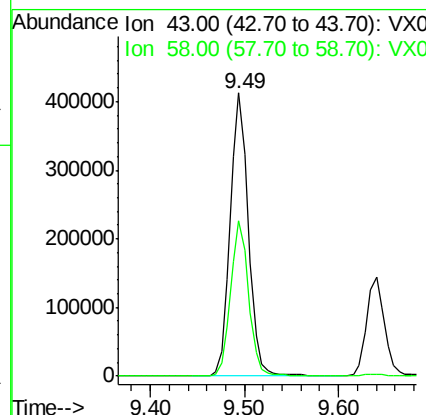
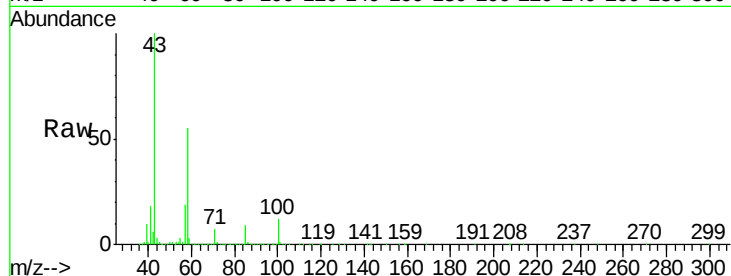
#59
2-Hexanone
Concen: 108.295 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion: 43 Resp: 551175
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

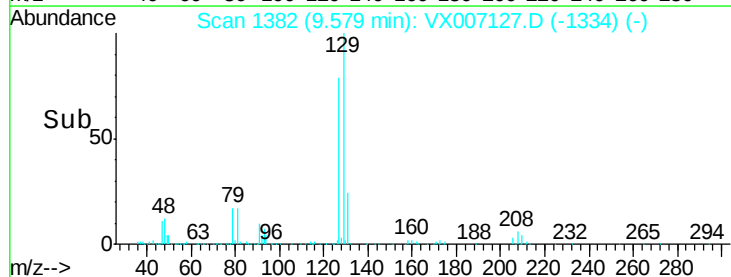
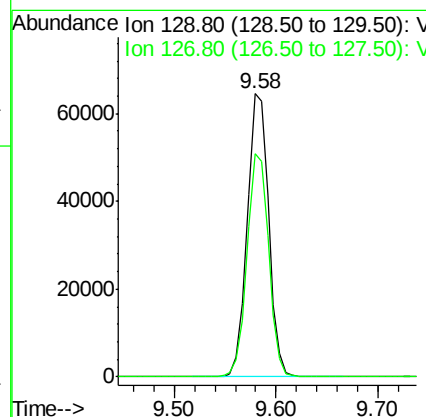
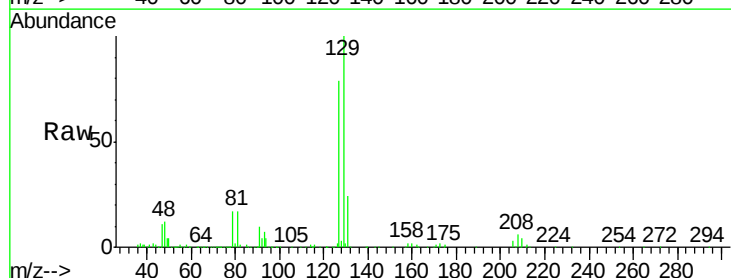
Manual Integrations
APPROVED

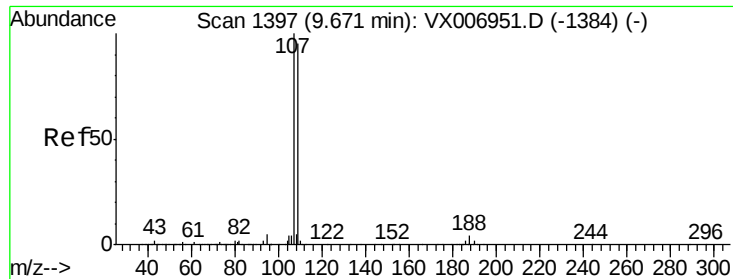
MMDadoda
1/21/2019 9:38:54 AM



#60
Dibromochloromethane
Concen: 20.017 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion: 129 Resp: 93763
Ion Ratio Lower Upper
129 100
127 79.7 39.3 117.8





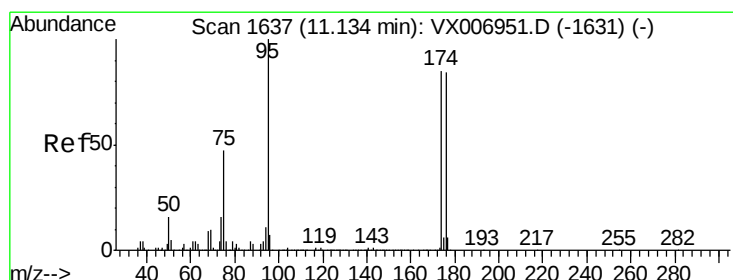
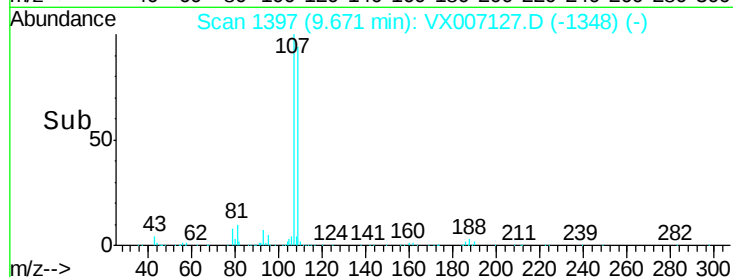
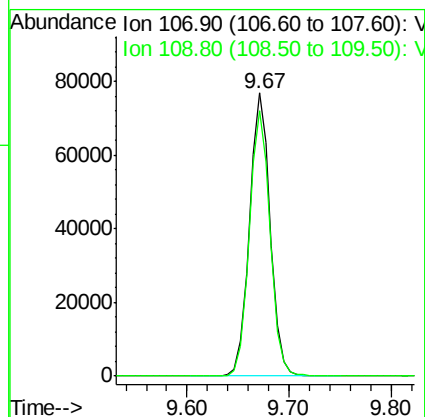
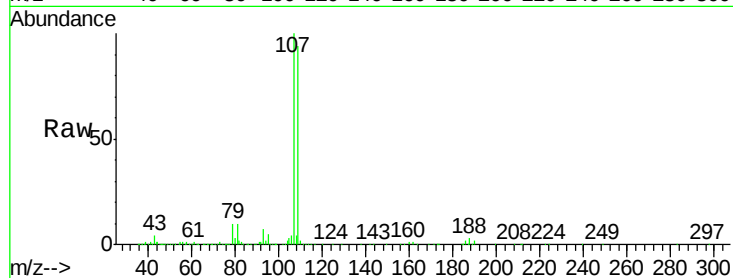
#61
 1,2-Dibromoethane
 Concen: 20.443 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108569		
109	94.1	75.8	113.6	

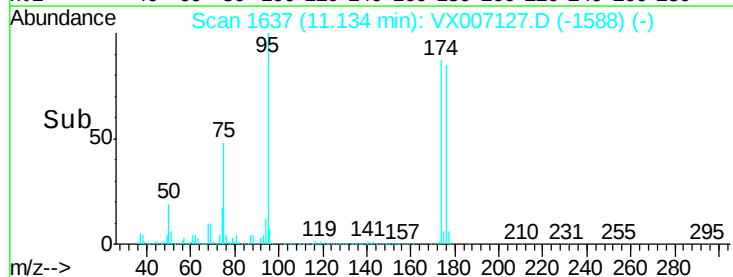
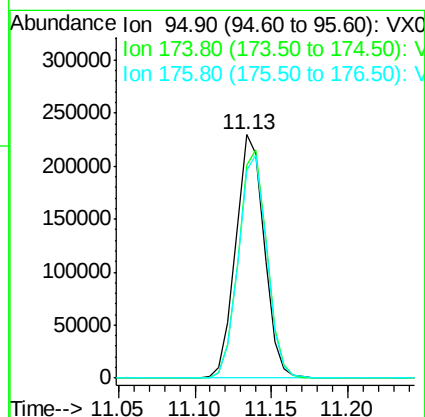
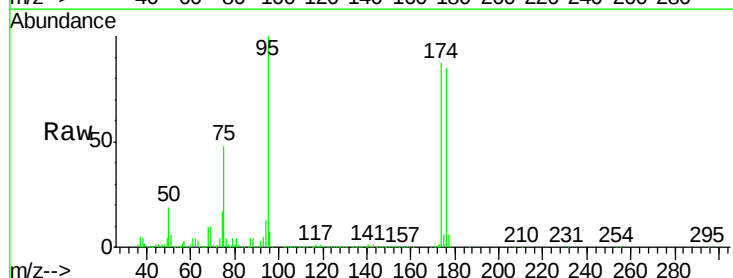
Manual Integrations
 APPROVED

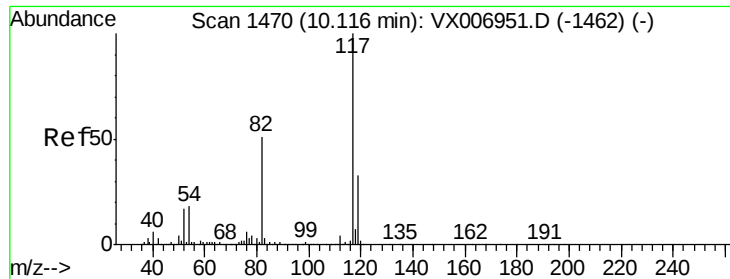
MMDadoda
 1/21/2019 9:38:54 AM



#62
 4-Bromofluorobenzene
 Concen: 51.312 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	296388		
174	93.7	0.0	182.2	
176	91.4	0.0	178.8	





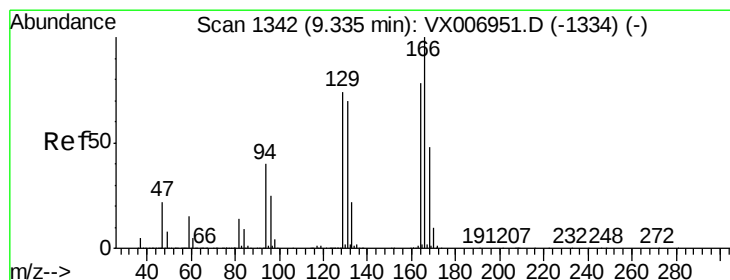
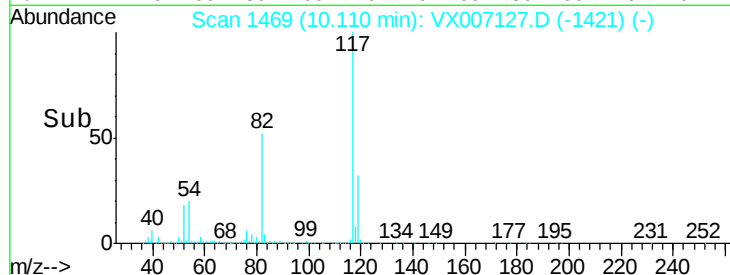
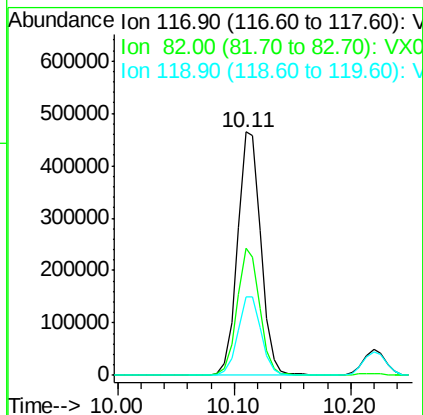
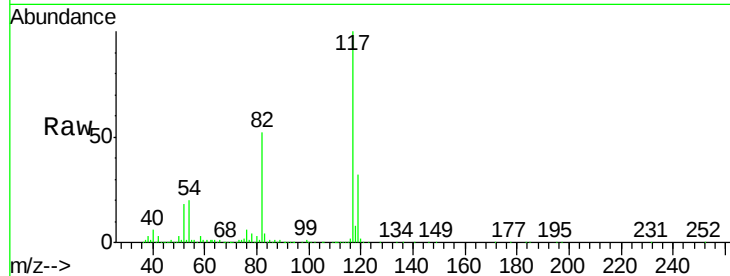
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.0	61.6
119	32.2	25.4	38.0

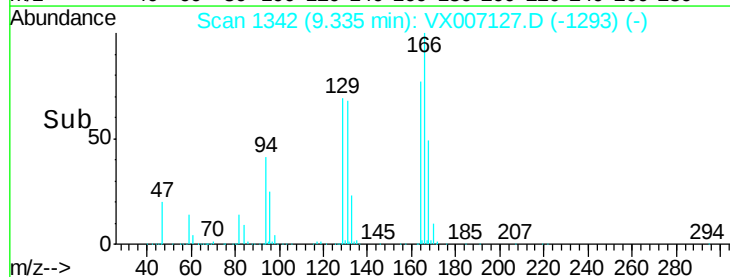
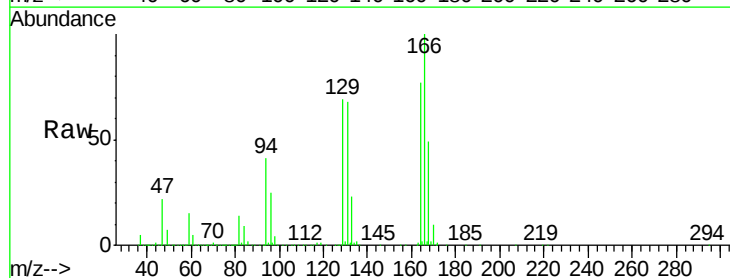
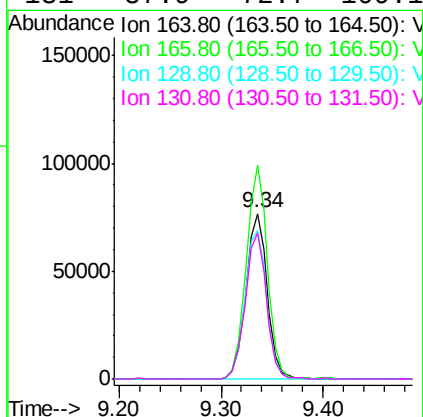
Manual Integrations
APPROVED

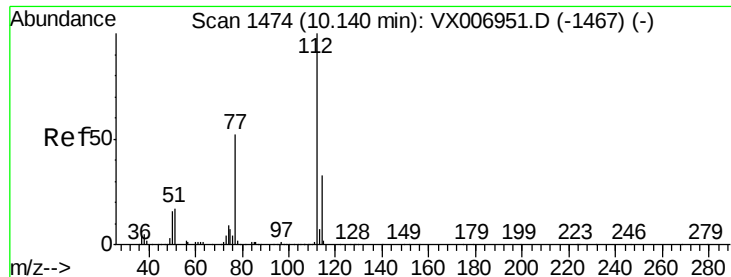
MMDadoda
1/21/2019 9:38:54 AM



#64
Tetrachloroethene
Concen: 19.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.5	153.7
129	89.6	75.1	112.7
131	87.9	72.7	109.1





#65

Chlorobenzene

Concen: 19.778 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion:112 Resp: 279226

Ion Ratio Lower Upper

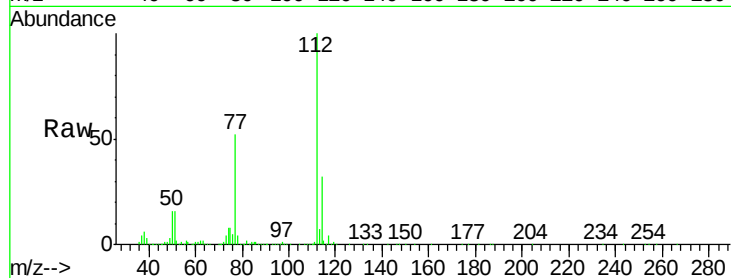
112 100

114 32.3 25.7 38.5

Manual Integrations
APPROVED

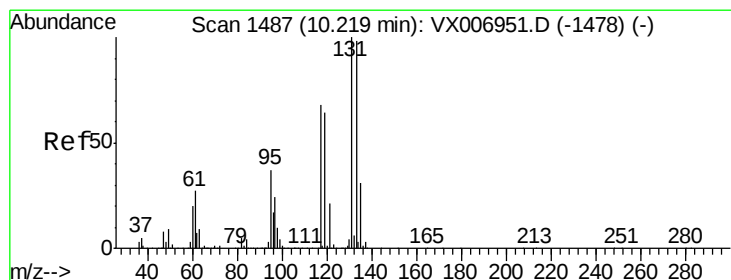
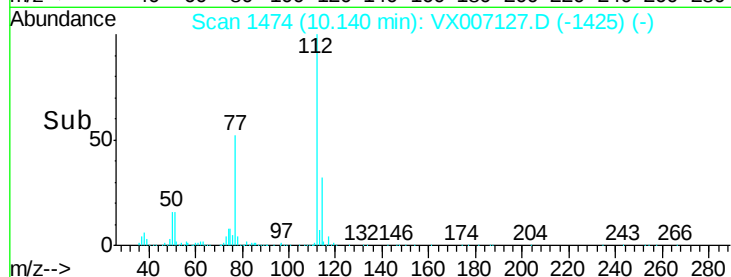
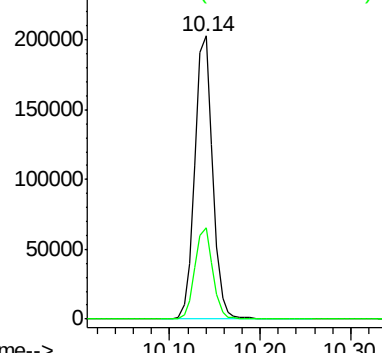
MMDadoda

1/21/2019 9:38:54 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.126 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

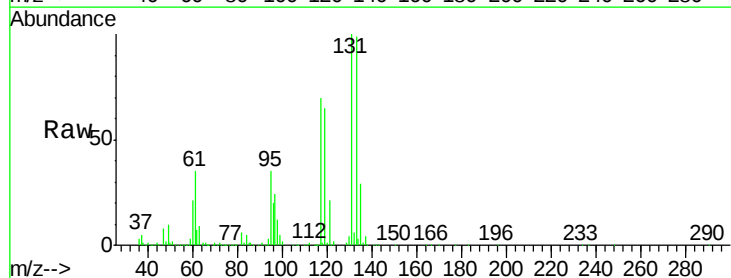
Tgt Ion:131 Resp: 95587

Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.2

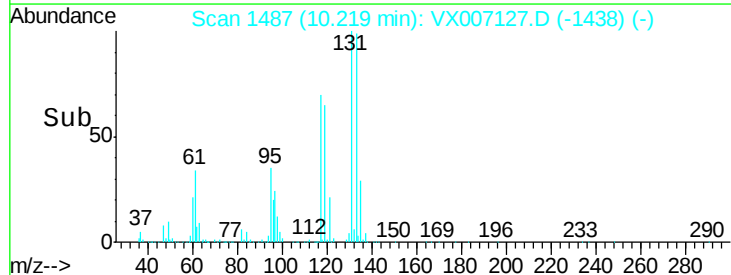
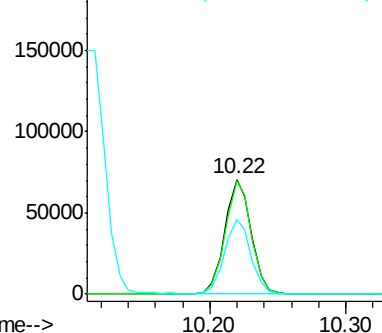
119 64.5 32.6 97.8

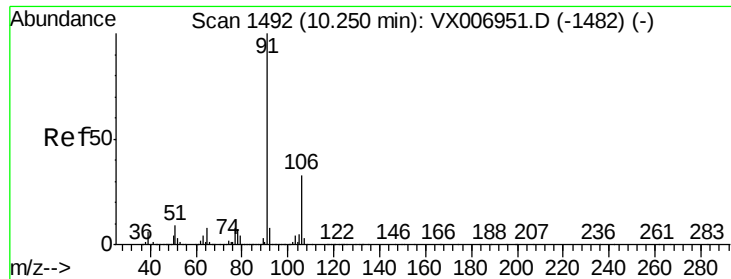


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.296 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 91 Resp: 449750

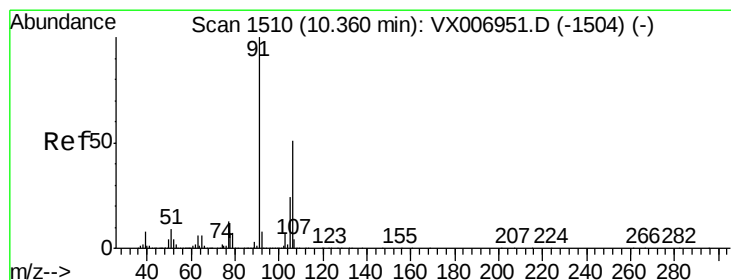
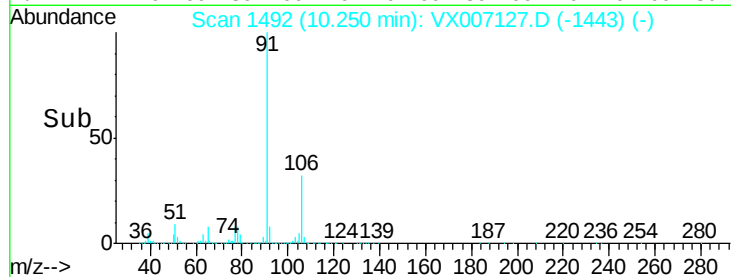
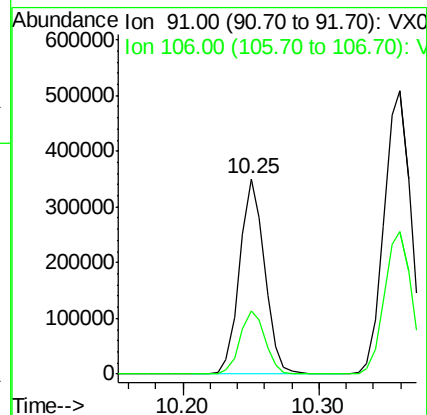
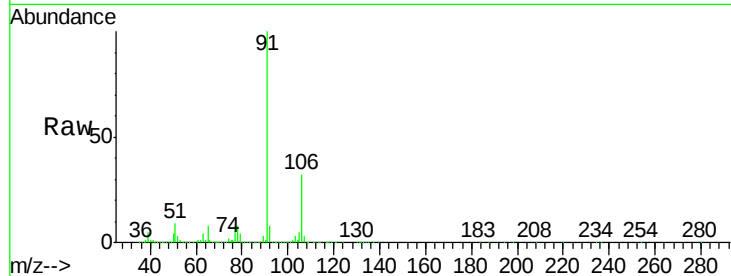
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#68

m/p-Xylenes

Concen: 38.701 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007127.D

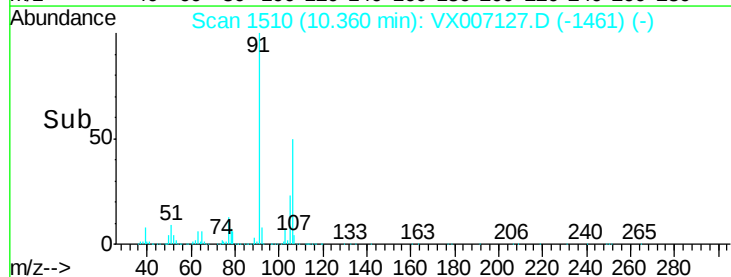
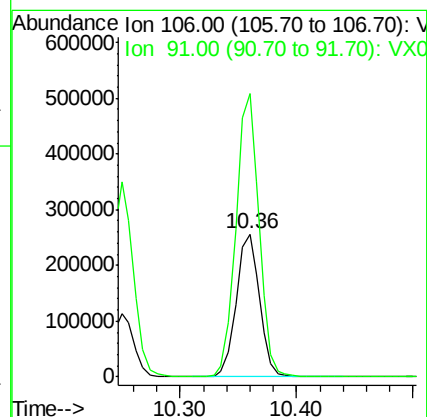
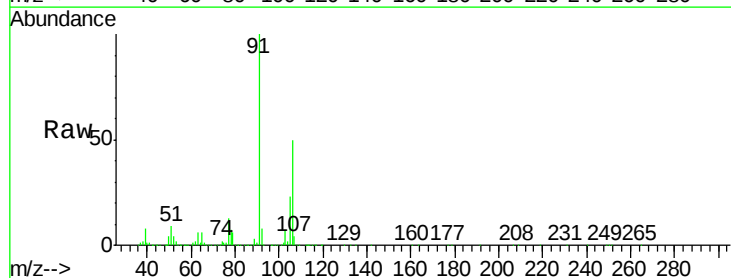
Acq: 18 Jan 2019 11:49

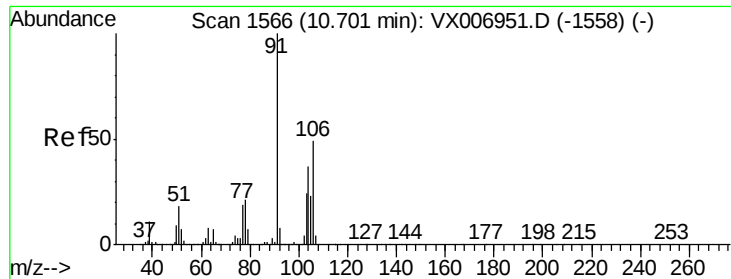
Tgt Ion: 106 Resp: 355385

Ion Ratio Lower Upper

106 100

91 196.6 155.8 233.6





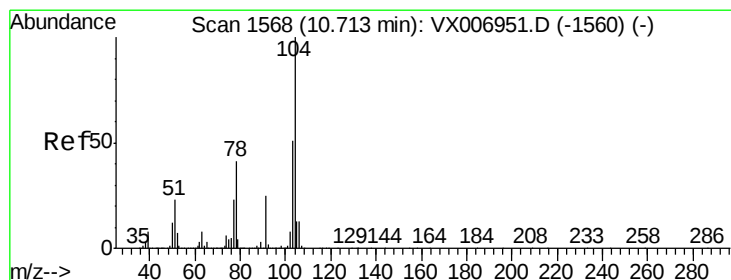
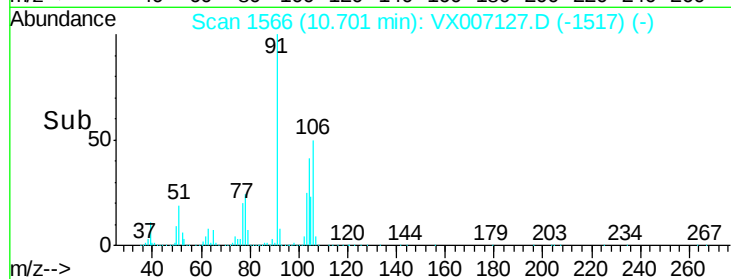
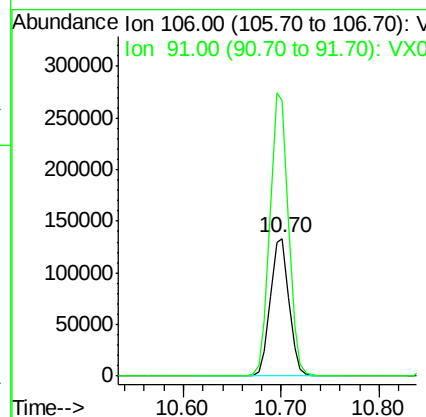
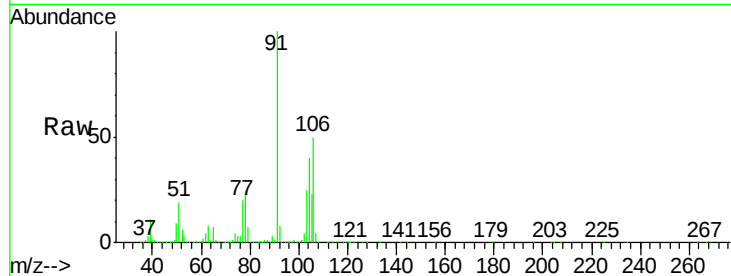
#69
o-Xylene
Concen: 19.844 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	203.5	101.3	303.7	

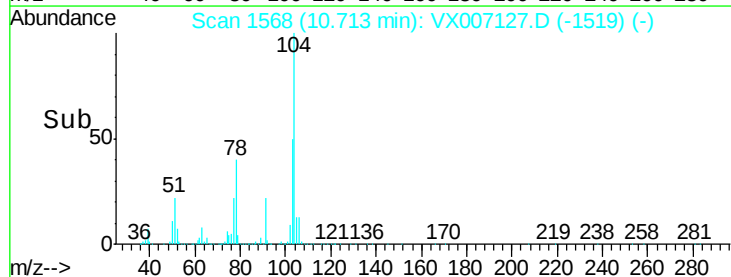
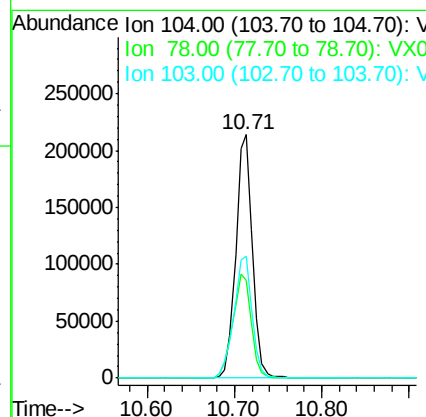
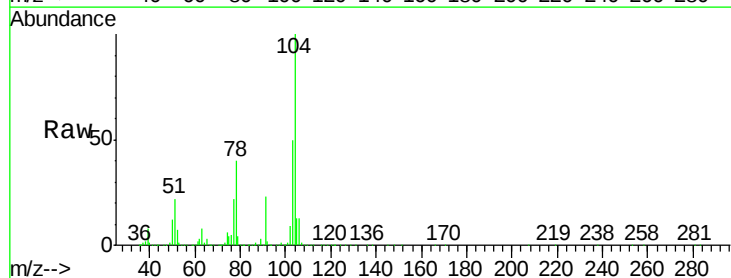
Manual Integrations
APPROVED

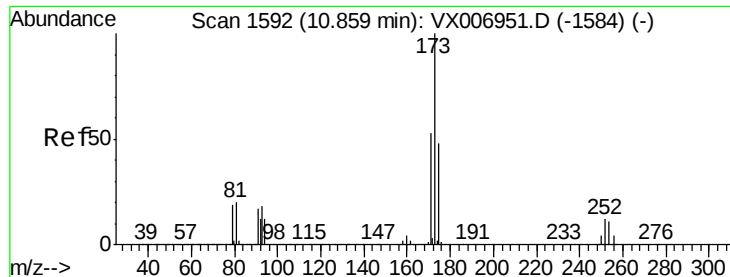
MMDadoda
1/21/2019 9:38:54 AM



#70
Styrene
Concen: 20.053 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.3	37.7	56.5	
103	55.0	43.8	65.8	





#71

Bromoform

Concen: 18.992 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

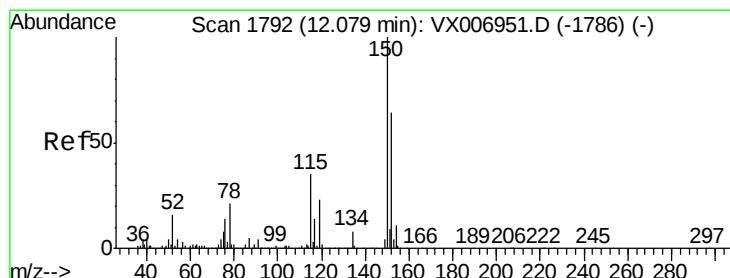
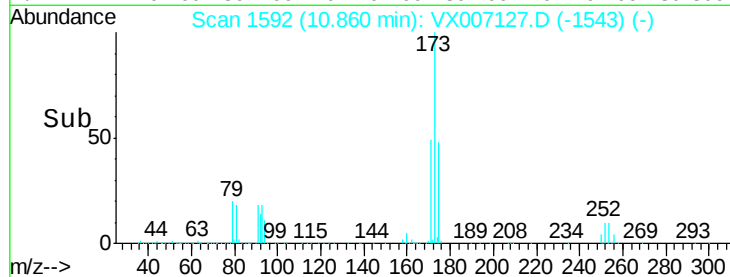
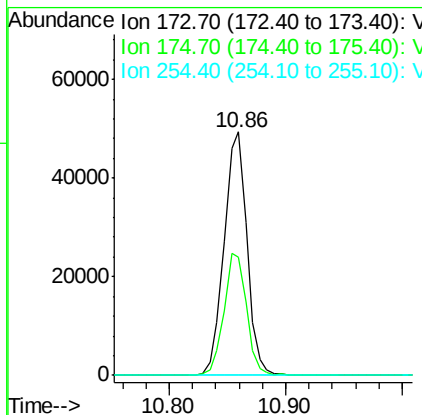
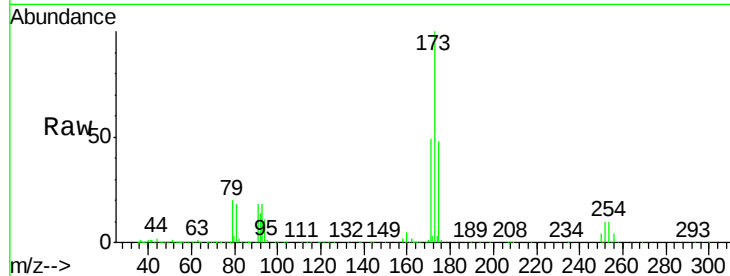
ClientSampleId :

VX0118WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.1	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

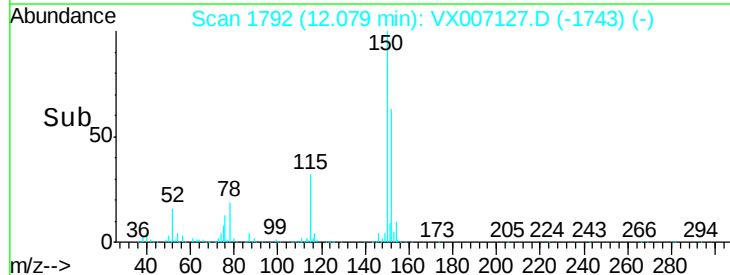
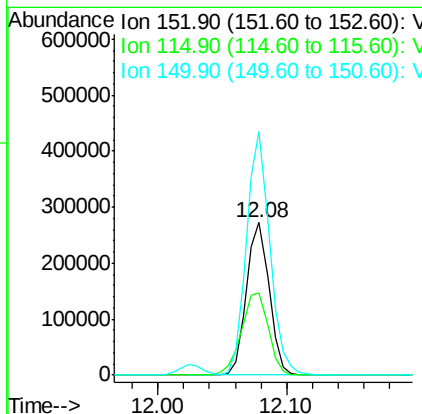
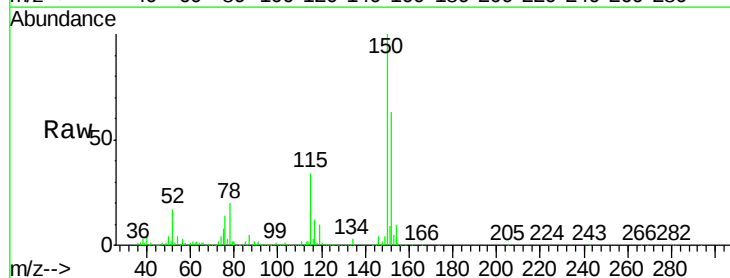
RT: 12.08 min Scan# 1792

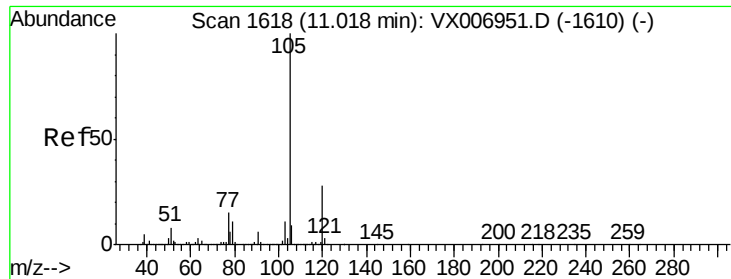
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	39.1	117.2
150	164.0	0.0	344.8





#73

Isopropylbenzene

Concen: 20.376 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 105 Resp: 472348

Ion Ratio Lower Upper

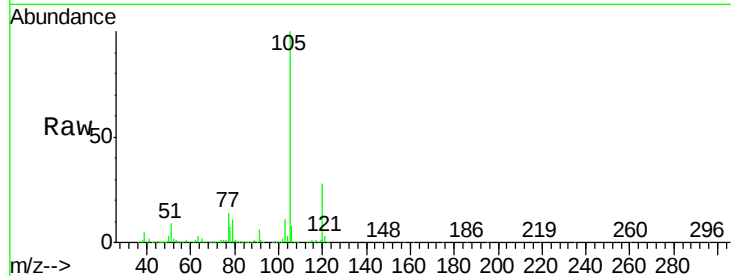
105 100

120 27.1 14.1 42.4

Manual Integrations
APPROVED

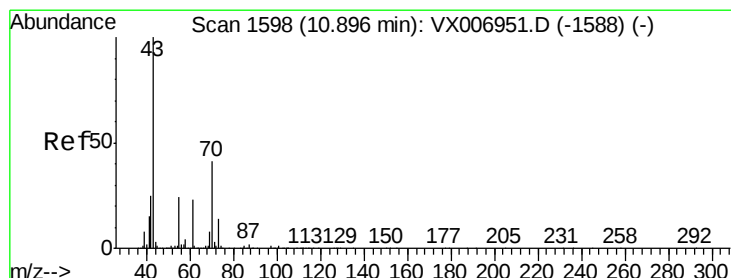
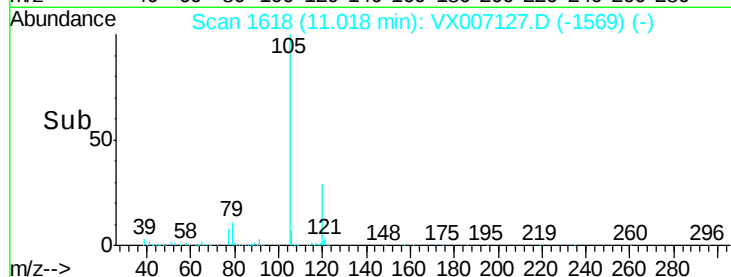
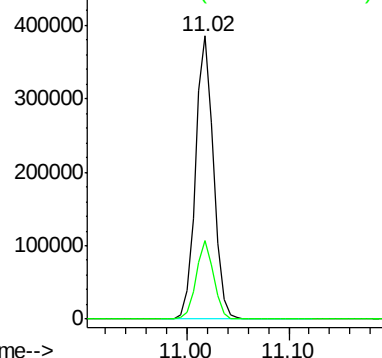
MMDadoda

1/21/2019 9:38:54 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.037 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion: 43 Resp: 187018

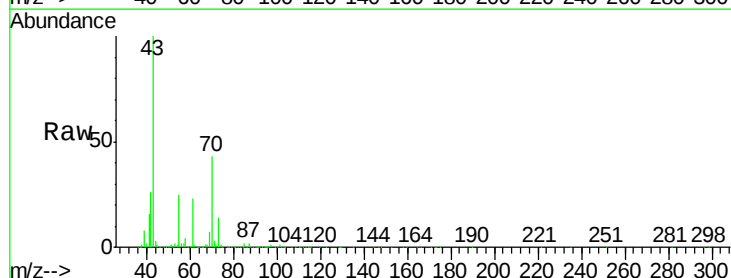
Ion Ratio Lower Upper

43 100

70 43.8 35.8 53.8

55 25.9 19.4 29.0

61 24.7 20.1 30.1

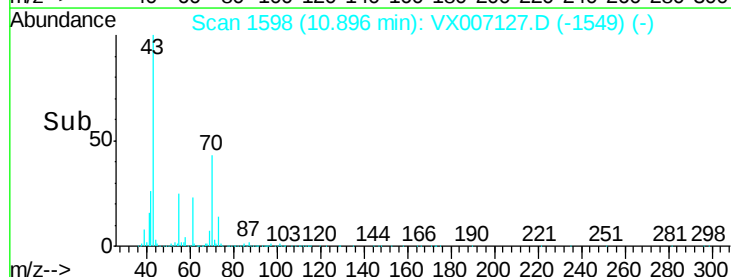
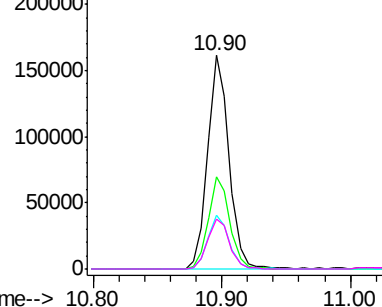


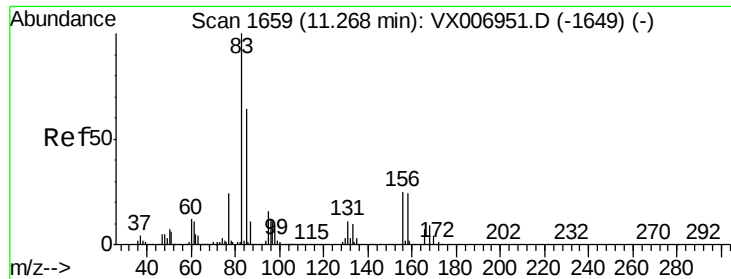
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

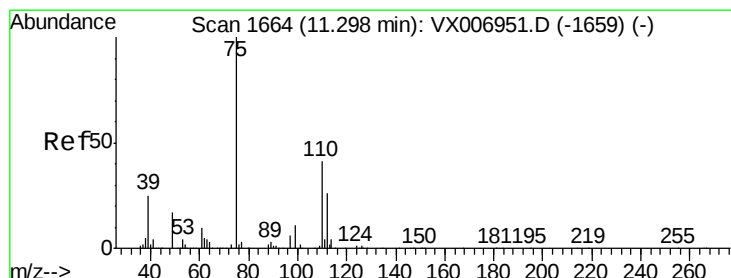
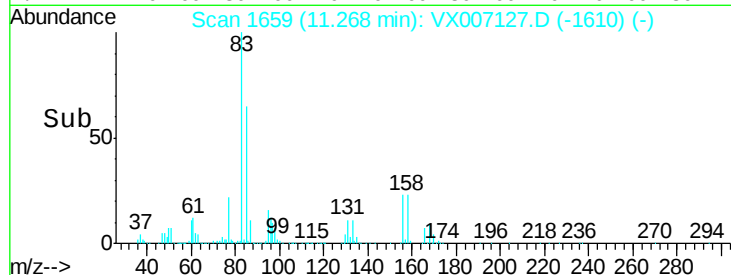
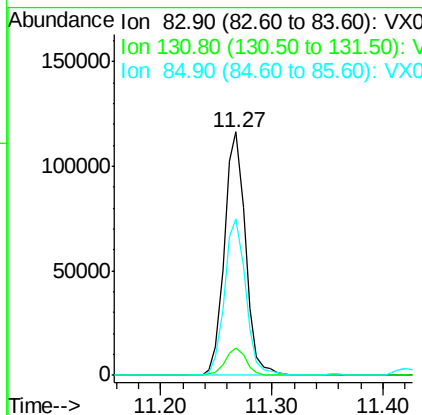
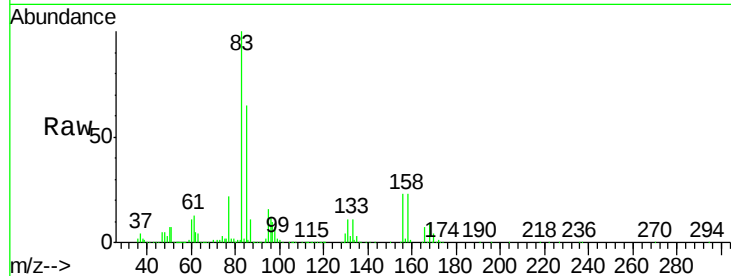
ClientSampled :

VX0118WBS01

Tot Ion:	83	Resp:	152816
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	64.8	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#76

1,2,3-Trichloropropane

Concen: 21.122 ug/l m

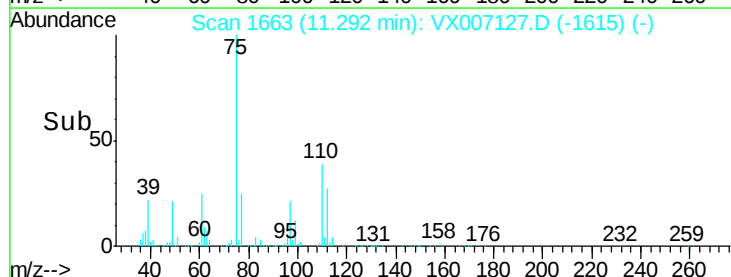
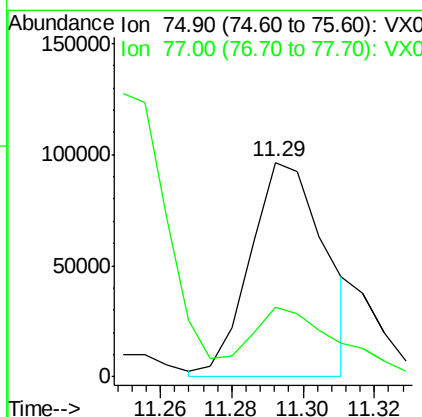
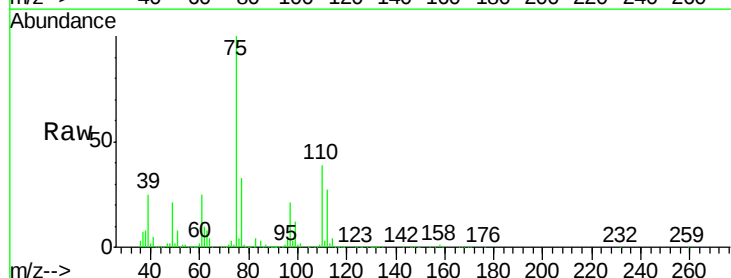
RT: 11.29 min Scan# 1663

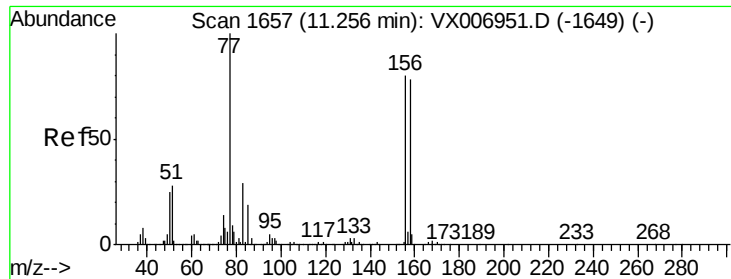
Delta R.T. -0.01 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	75	Resp:	140714
Ion Ratio	Lower	Upper	
75	100		
77	38.5	18.5	55.5





#77

Bromobenzene

Concen: 19.940 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

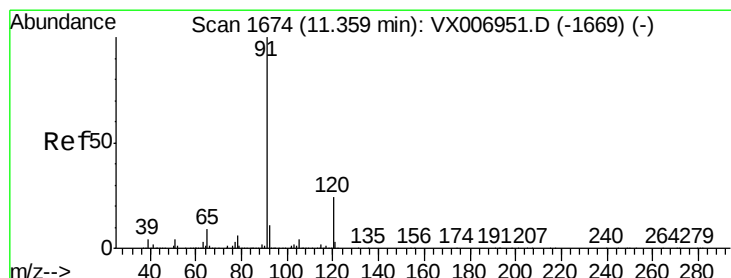
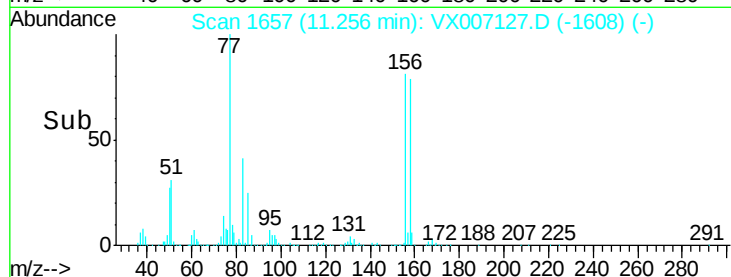
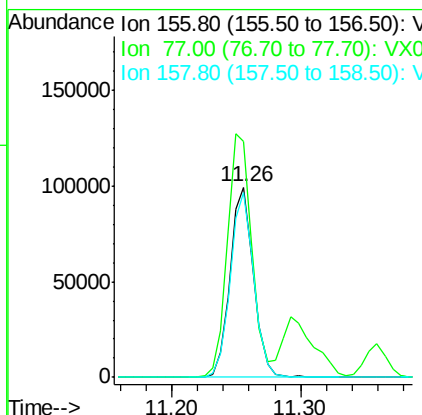
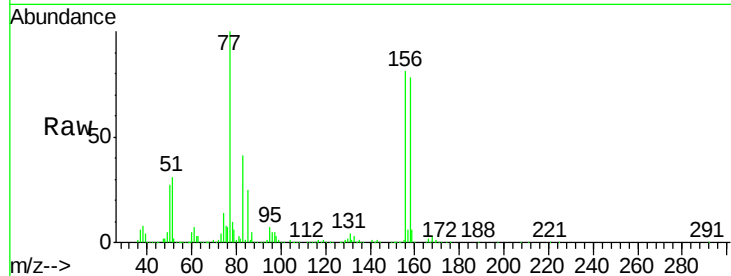
ClientSampleId :

VX0118WBS01

Tot Ion:	156	Resp:	127366
Ion Ratio	Lower	Upper	
156	100		
77	132.8	68.0	204.0
158	97.0	48.3	144.8

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#78

n-propylbenzene

Concen: 20.251 ug/l

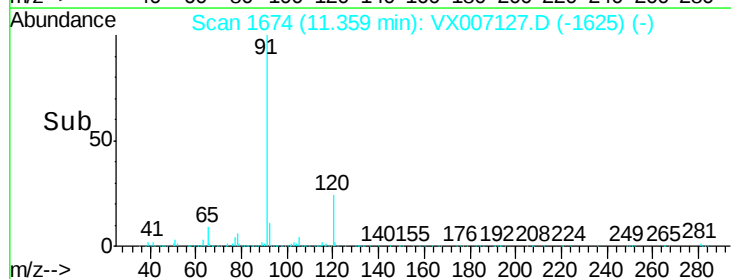
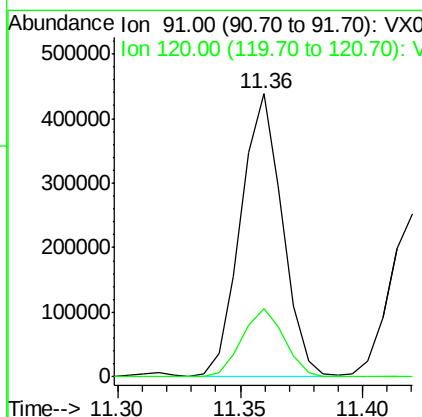
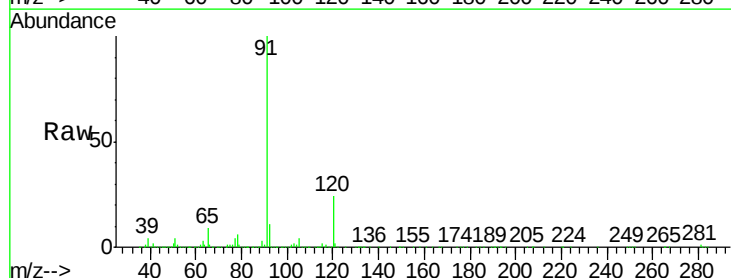
RT: 11.36 min Scan# 1674

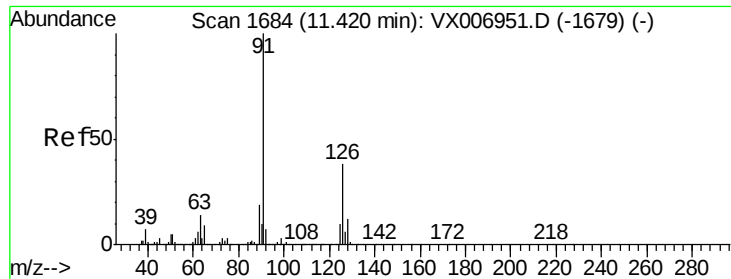
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	91	Resp:	515364
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.169 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion: 91 Resp: 308971

Ion Ratio Lower Upper

91 100

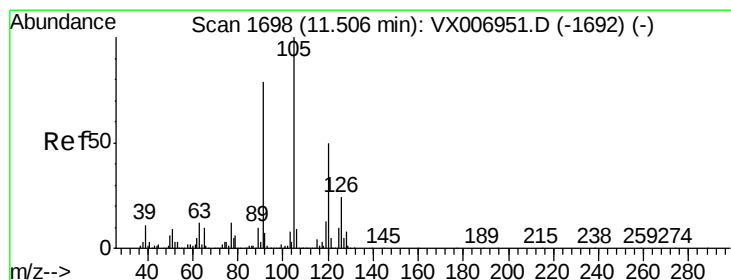
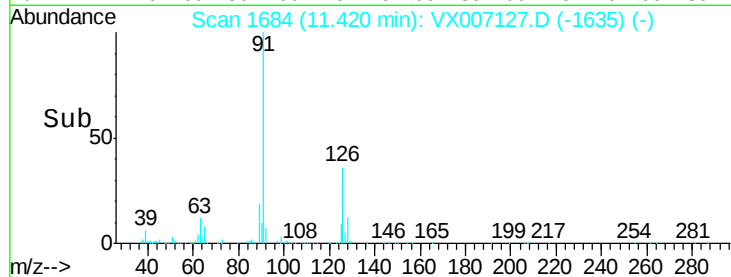
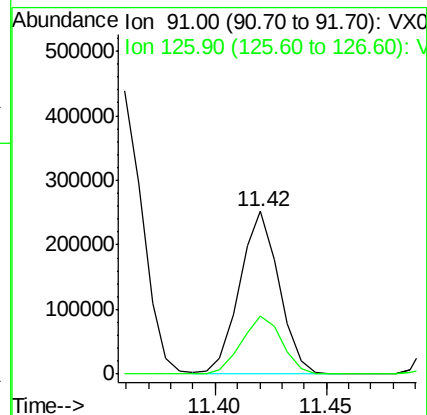
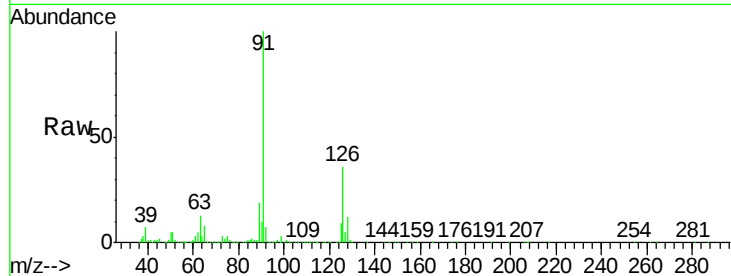
126 37.0 18.6 56.0

Manual Integrations

APPROVED

MMDadoda

1/21/2019 9:38:54 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.657 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007127.D

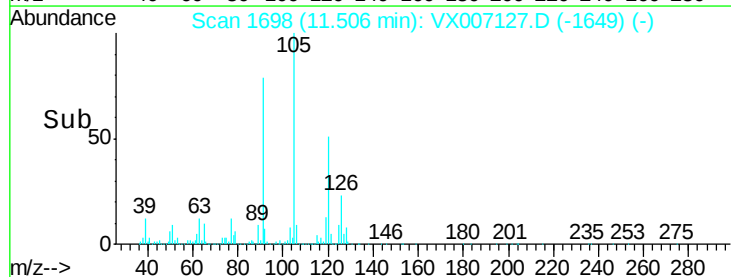
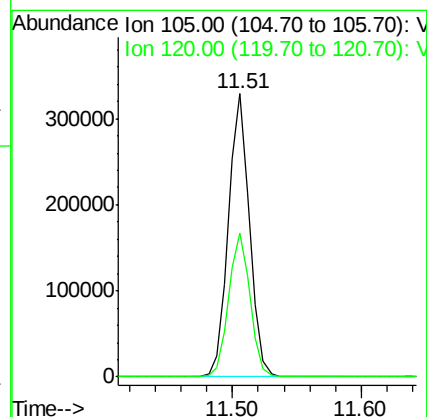
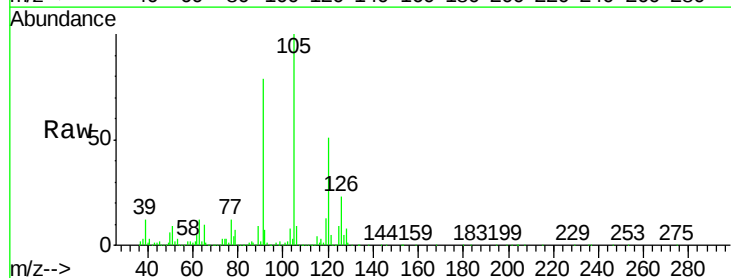
Acq: 18 Jan 2019 11:49

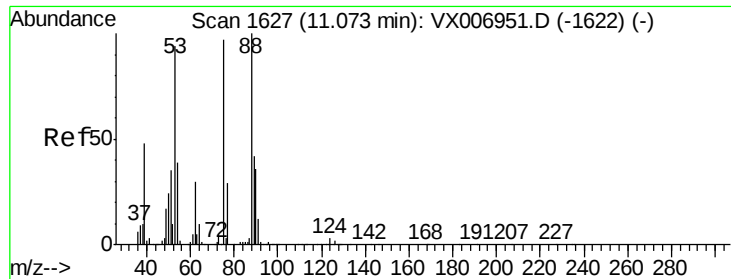
Tgt Ion: 105 Resp: 380758

Ion Ratio Lower Upper

105 100

120 51.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.800 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

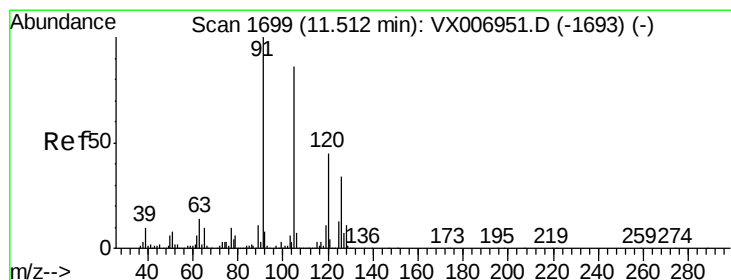
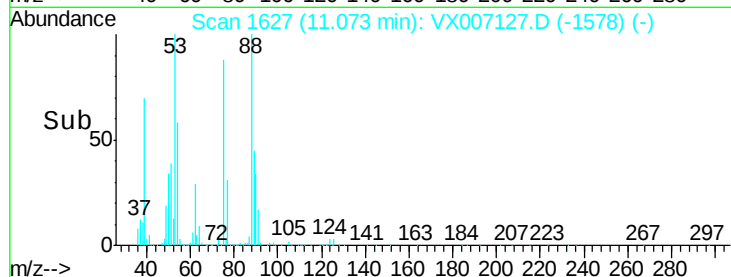
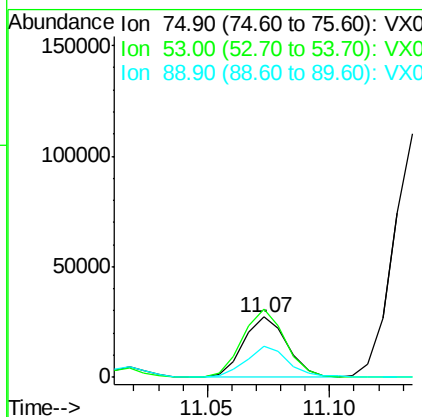
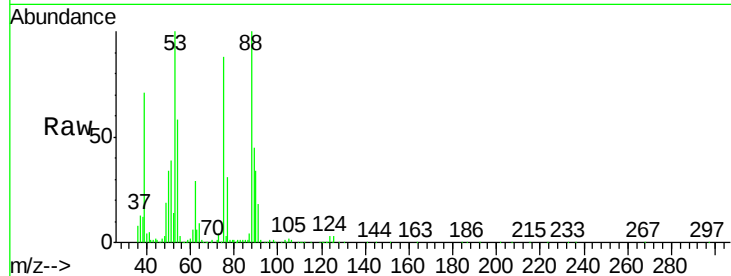
ClientSampled :

VX0118WBS01

Tot Ion:	75	Resp:	33477
Ion	Ratio	Lower	Upper
75	100		
53	111.9	79.7	119.5
89	50.6	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#82

4-Chlorotoluene

Concen: 19.900 ug/l

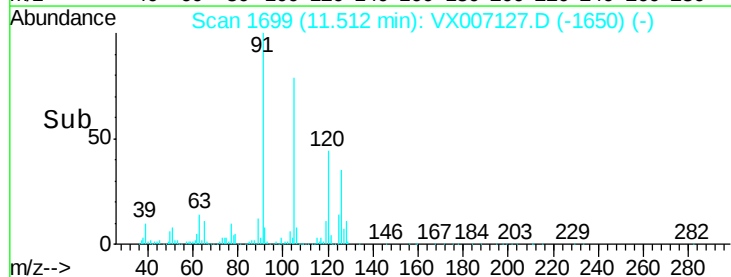
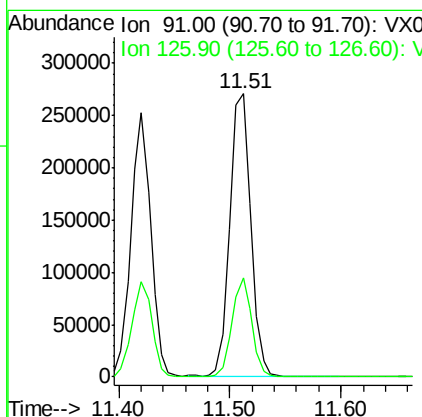
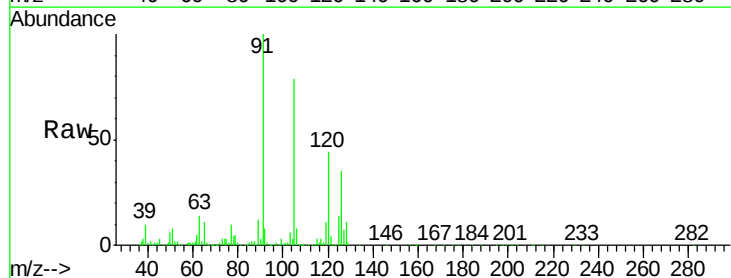
RT: 11.51 min Scan# 1699

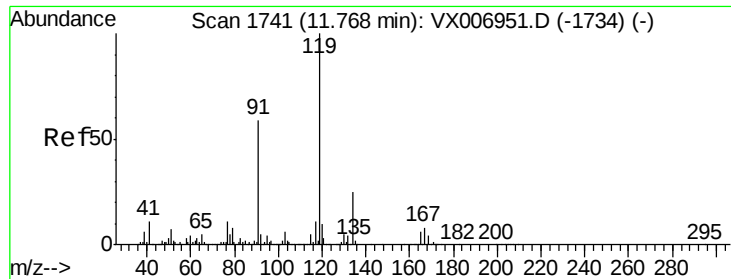
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	91	Resp:	352958
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





#83

tert-Butylbenzene

Concen: 19.724 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

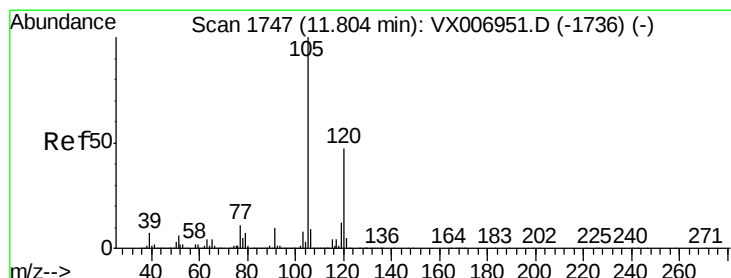
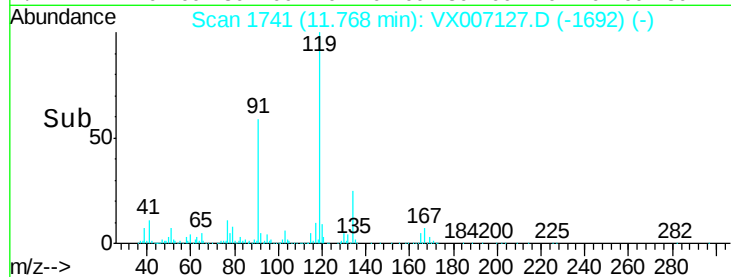
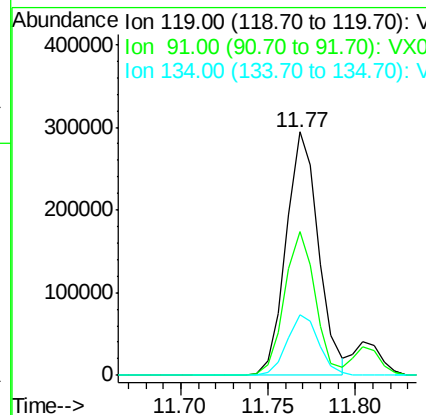
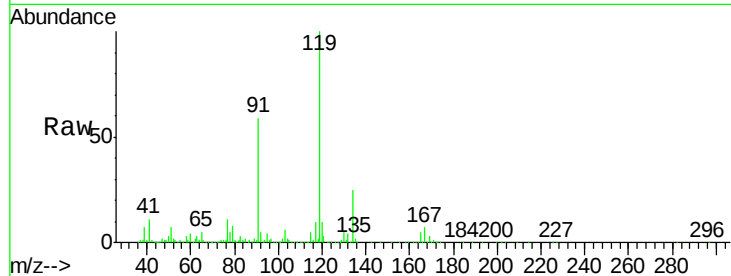
ClientSampleId :

VX0118WBS01

Tot Ion:	119	Resp:	381180
Ion Ratio		Lower	Upper
119	100		
91	56.2	27.7	83.1
134	24.4	11.9	35.5

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.140 ug/l

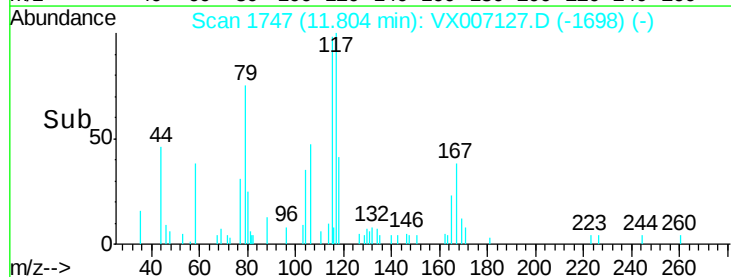
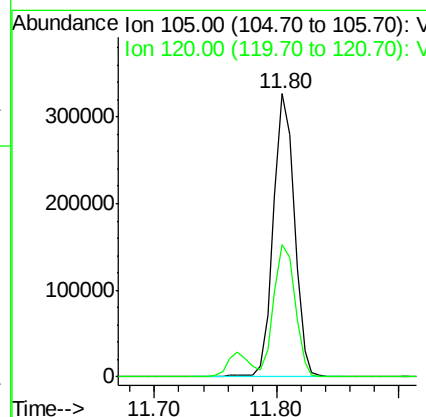
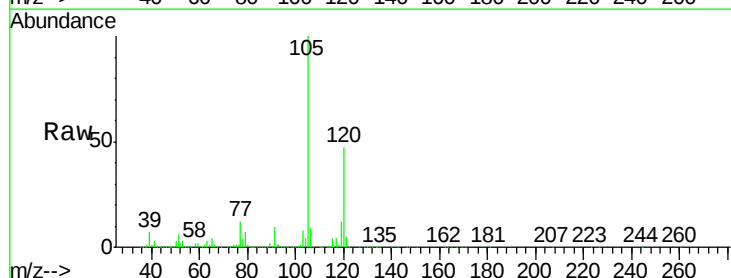
RT: 11.80 min Scan# 1747

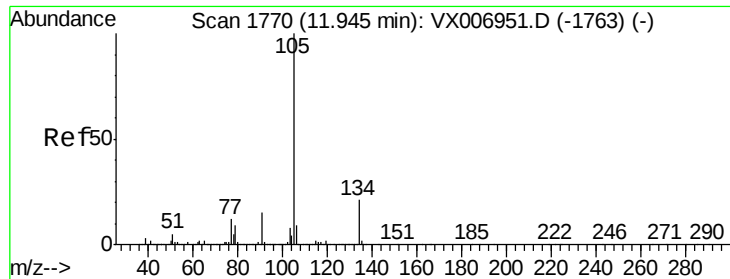
Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Tgt Ion:	105	Resp:	392287
Ion Ratio		Lower	Upper
105	100		
120	47.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.295 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBS01

Tot Ion:105 Resp: 468427

Ion Ratio Lower Upper

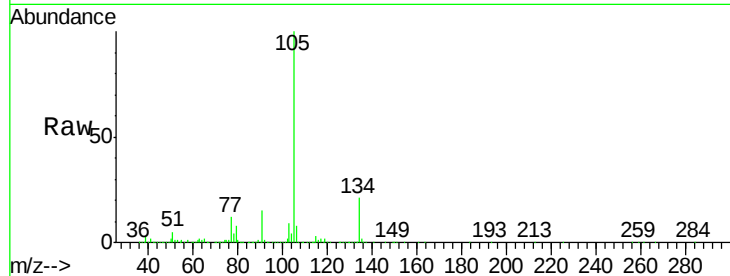
105 100

134 21.0 10.7 31.9

Manual Integrations
APPROVED

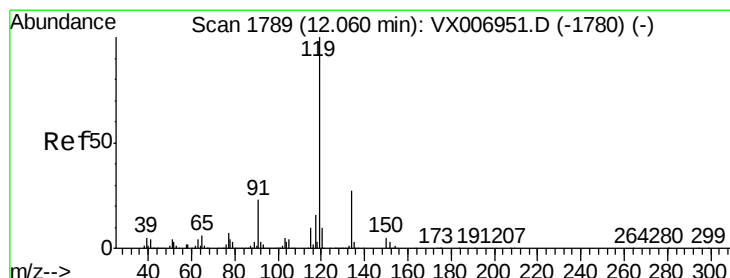
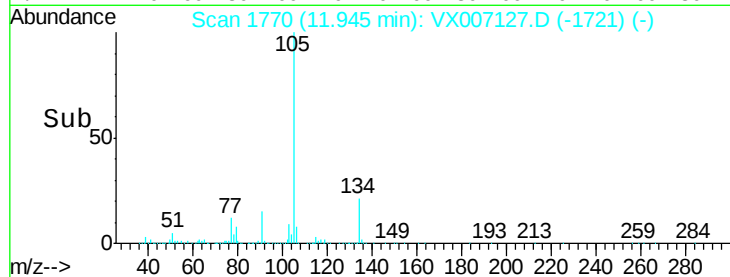
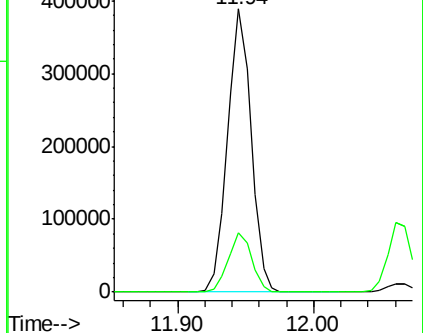
MMDadoda

1/21/2019 9:38:54 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.159 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007127.D

Acq: 18 Jan 2019 11:49

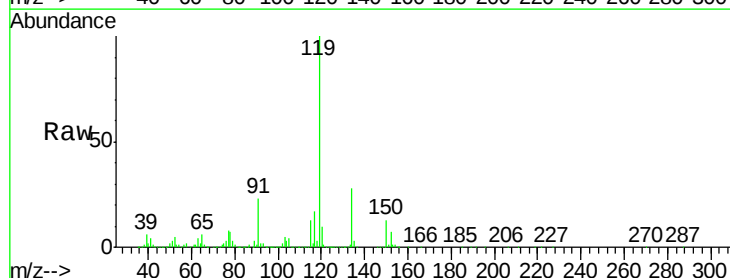
Tgt Ion:119 Resp: 416188

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

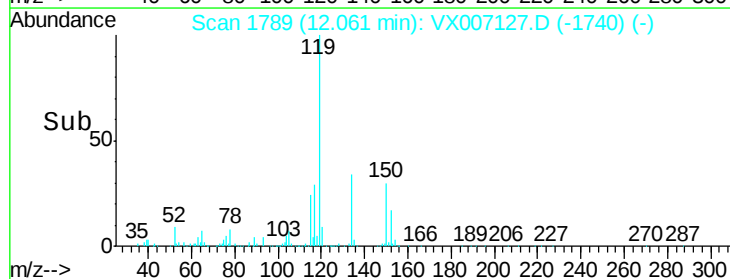
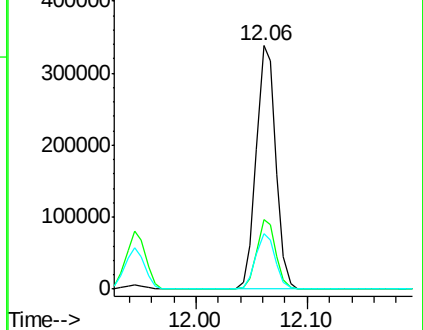
91 23.0 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





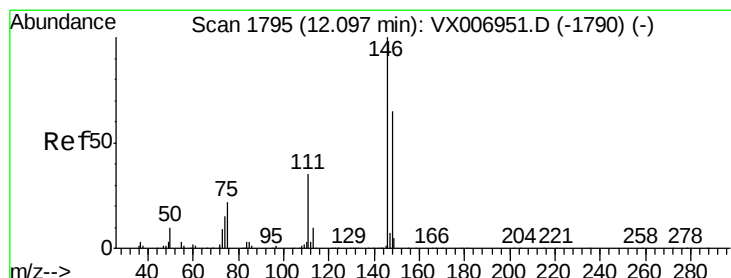
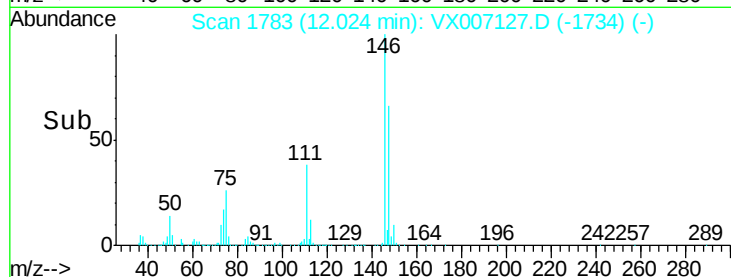
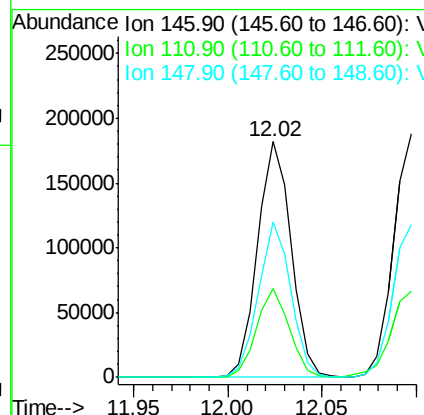
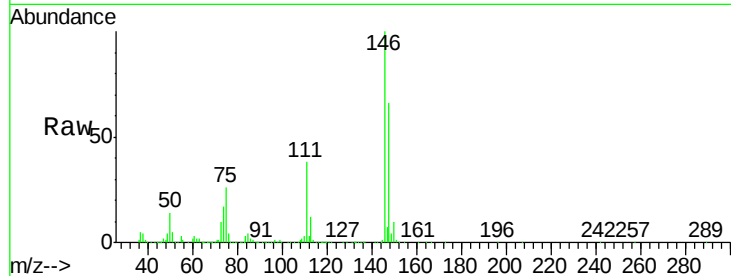
#87
 1,3-Dichlorobenzene
 Concen: 19.489 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.2	31.8	95.3

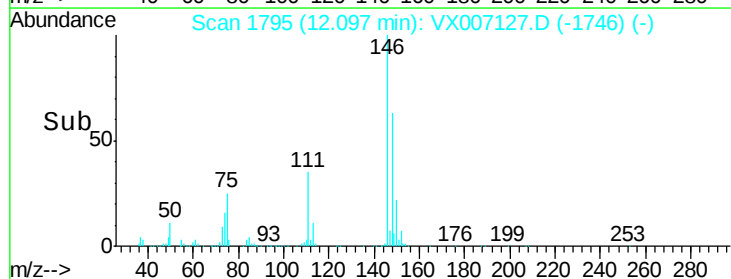
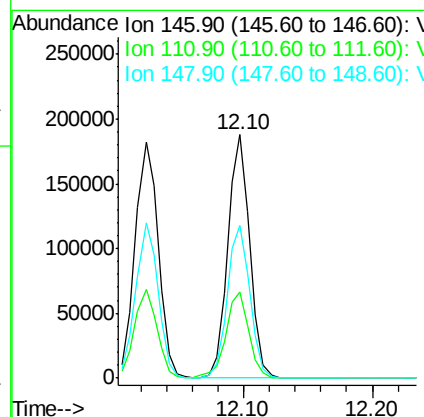
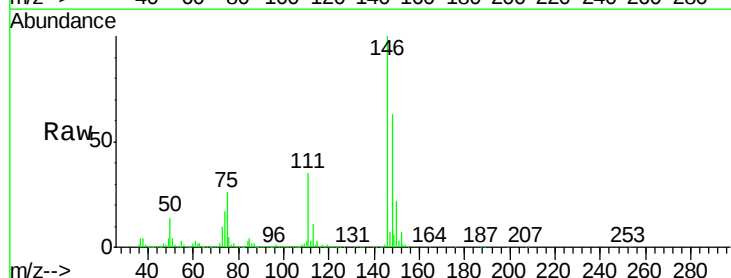
Manual Integrations
 APPROVED

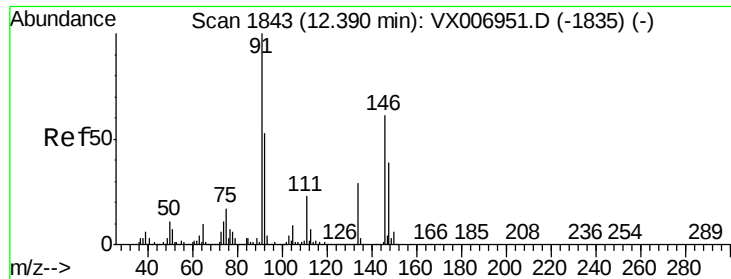
MMDadoda
 1/21/2019 9:38:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.724 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.4	31.9	95.9





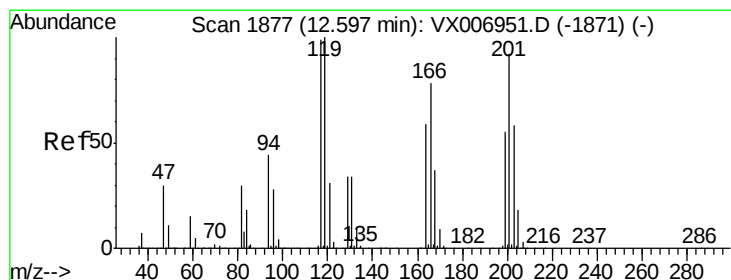
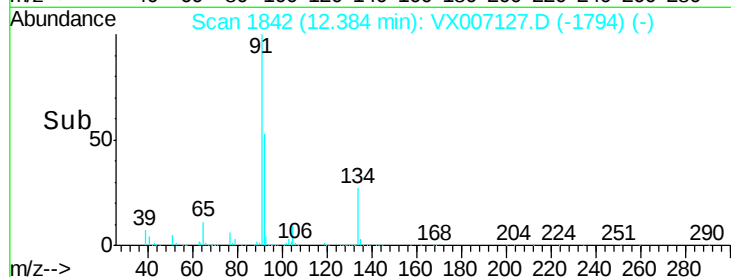
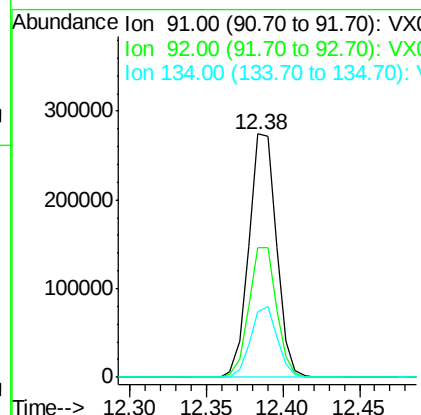
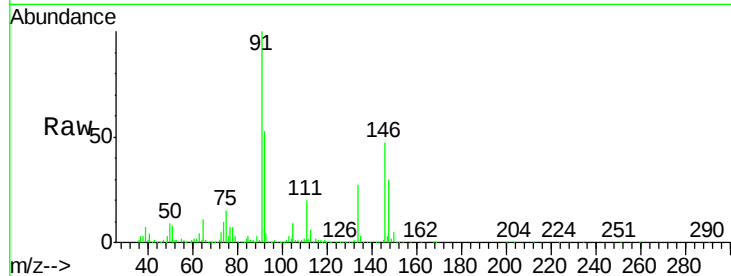
#89
n-Butylbenzene
Concen: 19.508 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	343330		
92	53.2	26.8	80.4	
134	28.1	14.4	43.2	

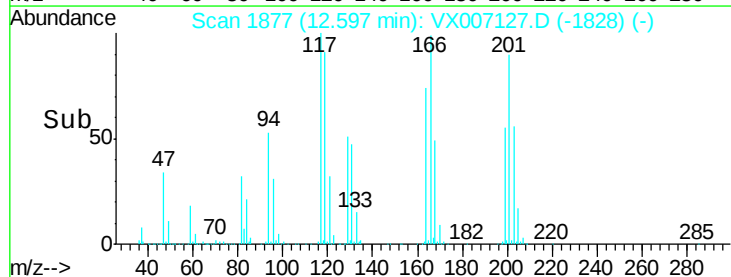
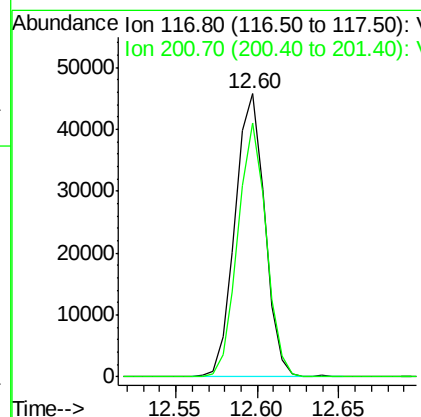
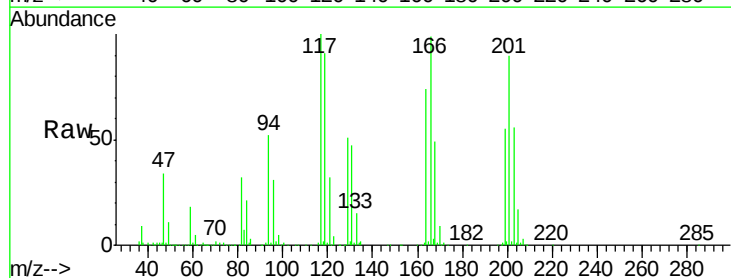
Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#90
Hexachloroethane
Concen: 19.542 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58207		
201	85.3	42.9	128.7	





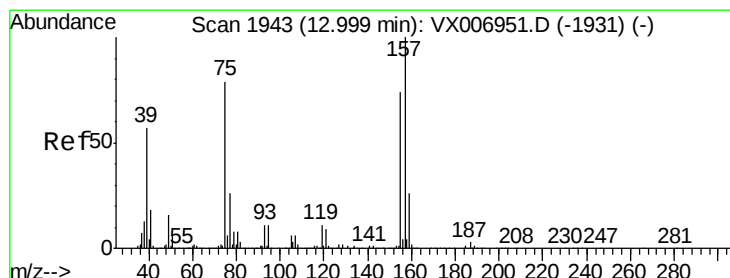
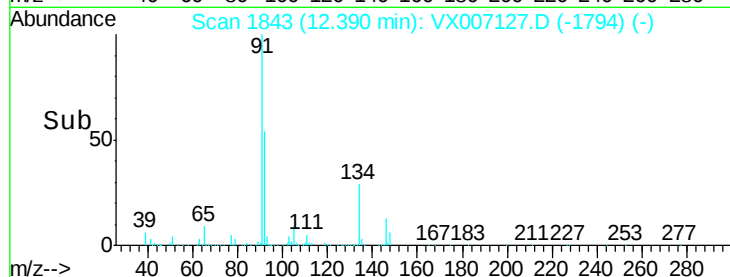
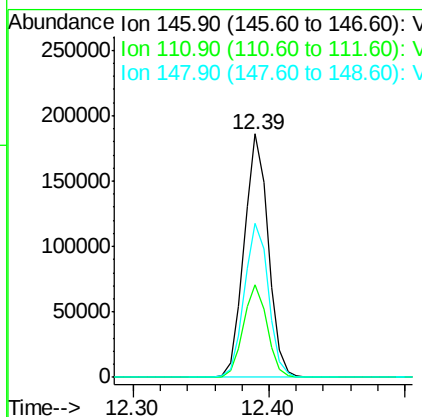
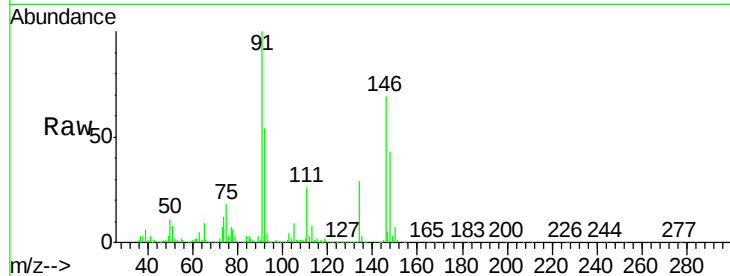
#91
 1,2-Dichlorobenzene
 Concen: 20.187 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	230004		
111	37.7	19.4	58.2	
148	63.3	32.3	96.9	

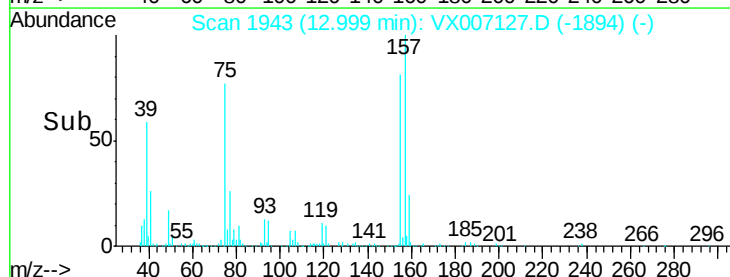
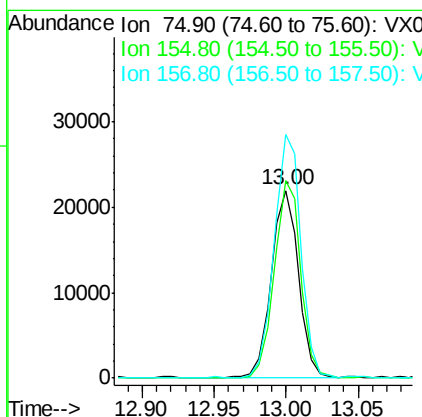
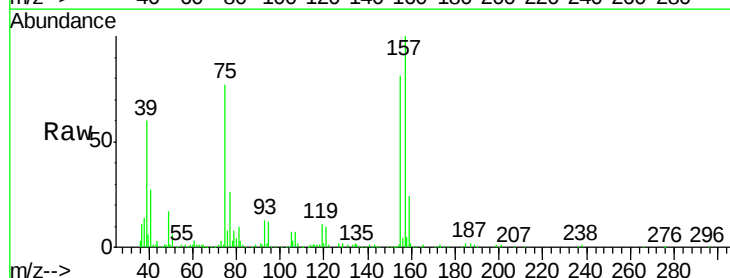
Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.927 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29004		
155	102.4	50.6	151.8	
157	128.0	64.6	193.8	





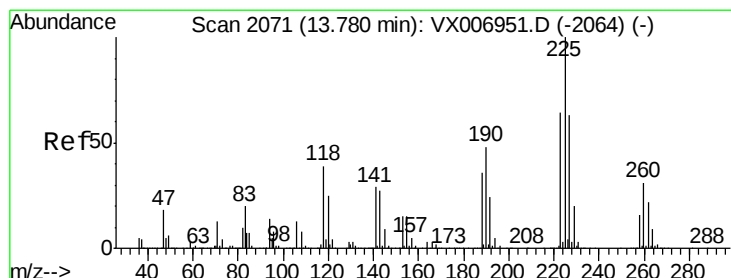
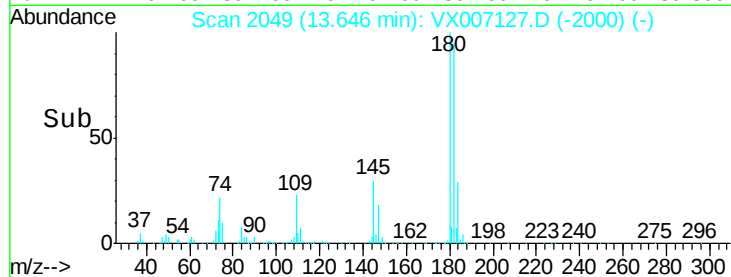
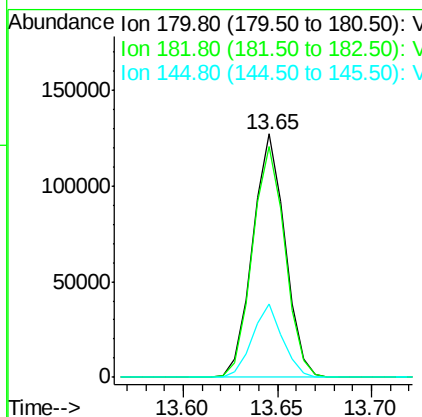
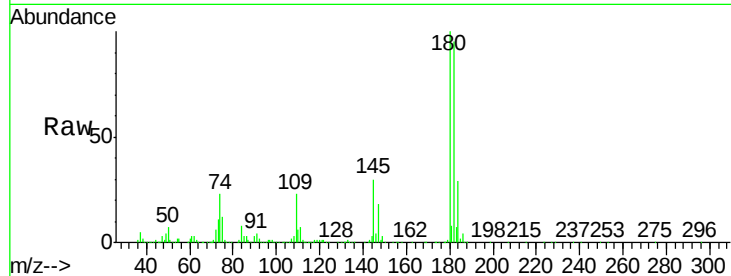
#93
 1,2,4-Trichlorobenzene
 Concen: 19.349 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151246		
182	95.2	47.3	142.0	
145	28.4	14.8	44.3	

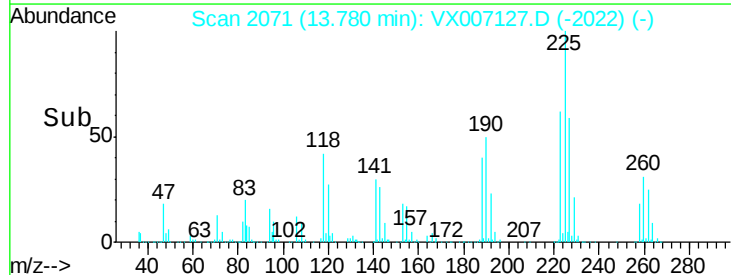
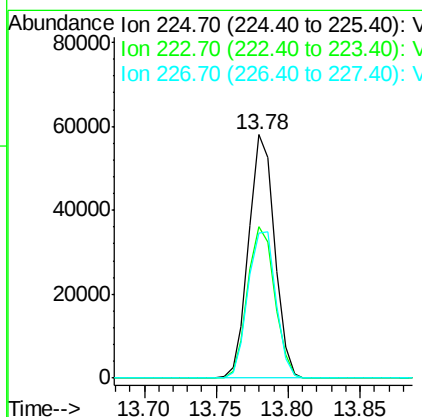
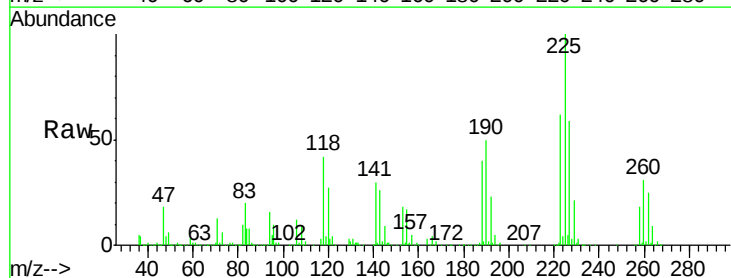
Manual Integrations
 APPROVED

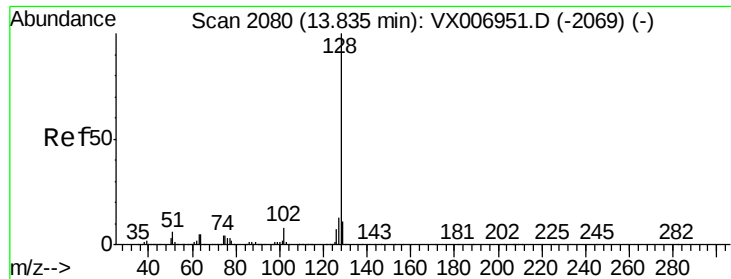
MMDadoda
 1/21/2019 9:38:54 AM



#94
 Hexachlorobutadiene
 Concen: 20.750 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007127.D
 Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71977		
223	64.9	32.1	96.3	
227	64.4	32.3	96.8	





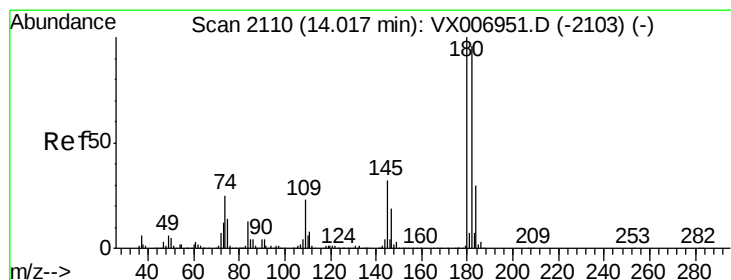
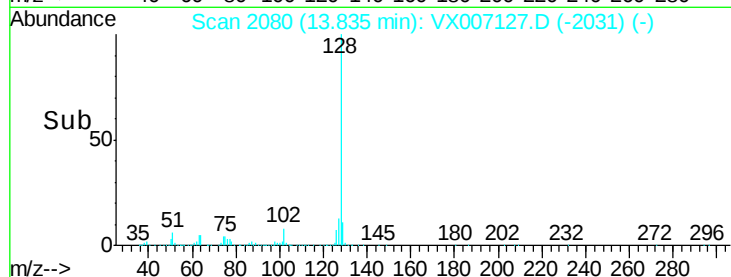
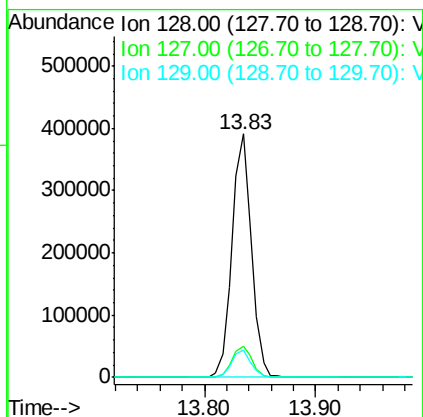
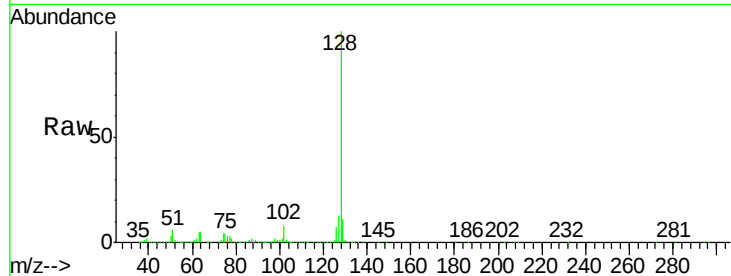
#95
Naphthalene
Concen: 19.789 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0118WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/21/2019 9:38:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.663 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007127.D
Acq: 18 Jan 2019 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.5
145	30.3	16.0	47.9

