

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011341.D
 Acq On : 06 Aug 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM

Quant Time: Aug 07 01:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	81381	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.49	113	74548	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	283367	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	106289	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56834	44.368	ug/l	100
3) Chloromethane	1.32	50	63537	44.169	ug/l	99
4) Vinyl Chloride	1.40	62	69713	44.058	ug/l	100
5) Bromomethane	1.63	94	45782	40.569	ug/l	98
6) Chloroethane	1.71	64	46737	47.583	ug/l	98
7) Trichlorofluoromethane	1.92	101	127033	45.152	ug/l	100
8) Diethyl Ether	2.18	74	42923	42.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69076	45.376	ug/l	99
10) Methyl Iodide	2.50	142	85694	44.650	ug/l	100
11) Tert butyl alcohol	3.04	59	72848	218.726	ug/l	99
12) 1,1-Dichloroethene	2.36	96	66614	44.144	ug/l	90
13) Acrolein	2.29	56	45626	220.383	ug/l	99
14) Allyl chloride	2.72	41	98720	49.073	ug/l	97
15) Acrylonitrile	3.13	53	182912	230.138	ug/l	99
16) Acetone	2.43	43	211937	266.586	ug/l	99
17) Carbon Disulfide	2.56	76	162259	45.821	ug/l	100
18) Methyl Acetate	2.76	43	81922	45.091	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	208212	46.821	ug/l	97
20) Methylene Chloride	2.85	84	75442	43.330	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	71798	44.979	ug/l	96
22) Diisopropyl ether	3.85	45	207409	46.910	ug/l	92
23) Vinyl Acetate	3.80	43	910869	248.386	ug/l	98
24) 1,1-Dichloroethane	3.68	63	119759	45.935	ug/l	98
25) 2-Butanone	4.66	43	277147	245.068	ug/l	99
26) 2,2-Dichloropropane	4.57	77	101353	50.010	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83016	45.151	ug/l	99
28) Bromochloromethane	5.00	49	59248	49.849	ug/l	96
29) Tetrahydrofuran	5.12	42	157498	227.136	ug/l	99
30) Chloroform	5.20	83	133390	47.075	ug/l	98
31) Cyclohexane	5.57	56	97145	45.164	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	116288	47.907	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94796	46.849	ug/l	100
37) Ethyl Acetate	4.82	43	97309	47.943	ug/l	99
38) Carbon Tetrachloride	5.77	117	104684	51.423	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011341.D
 Acq On : 06 Aug 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM

Quant Time: Aug 07 01:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112554	46.927	ug/l	99
40) Benzene	6.13	78	292768	48.486	ug/l	100
41) Methacrylonitrile	5.03	41	54908	49.535	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100462	49.203	ug/l	99
43) Isopropyl Acetate	6.43	43	156054	48.091	ug/l	99
44) Trichloroethene	7.20	130	85325	46.685	ug/l	99
45) 1,2-Dichloropropane	7.51	63	73250	46.842	ug/l	97
46) Dibromomethane	7.65	93	54271	47.540	ug/l	98
47) Bromodichloromethane	7.89	83	99495	51.478	ug/l	97
48) Methyl methacrylate	7.76	41	75860	49.675	ug/l	97
49) 1,4-Dioxane	7.73	88	38843	877.353	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	522738	249.613	ug/l	99
52) Toluene	8.78	92	194602	48.745	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	107471	47.874	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118085	52.302	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	81525	49.667	ug/l	99
56) Ethyl methacrylate	9.17	69	117329	50.159	ug/l	98
57) 1,3-Dichloropropane	9.37	76	126247	48.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	279293	242.836	ug/l	100
59) 2-Hexanone	9.49	43	426242	262.774	ug/l	98
60) Dibromochloromethane	9.58	129	87728	52.203	ug/l	99
61) 1,2-Dibromoethane	9.66	107	86650	48.861	ug/l	99
64) Tetrachloroethene	9.33	164	86787	46.129	ug/l	96
65) Chlorobenzene	10.13	112	221939	46.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	82056	50.458	ug/l	99
67) Ethyl Benzene	10.25	91	384335	48.312	ug/l	99
68) m/p-Xylenes	10.35	106	298314	96.948	ug/l	98
69) o-Xylene	10.69	106	143128	47.341	ug/l	99
70) Styrene	10.71	104	249078	49.790	ug/l	98
71) Bromoform	10.85	173	68027	46.967	ug/l	99
73) Isopropylbenzene	11.01	105	395679	47.351	ug/l	100
74) N-amyl acetate	10.89	43	147692	48.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	125536	45.080	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	108360m	48.699	ug/l	
77) Bromobenzene	11.25	156	107772	46.510	ug/l	98
78) n-propylbenzene	11.35	91	450605	48.490	ug/l	99
79) 2-Chlorotoluene	11.41	91	260726	47.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	339109	48.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37513	45.470	ug/l	96
82) 4-Chlorotoluene	11.51	91	308457	47.785	ug/l	100
83) tert-Butylbenzene	11.77	119	332047	48.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340815	48.935	ug/l	100
85) sec-Butylbenzene	11.94	105	394880	47.906	ug/l	99
86) p-Isopropyltoluene	12.06	119	374470	49.382	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193817	47.339	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195968	46.418	ug/l	99
89) n-Butylbenzene	12.38	91	325058	49.755	ug/l	100
90) Hexachloroethane	12.59	117	58299	52.001	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	190759	46.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26590	49.284	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
Data File : VX011341.D
Acq On : 06 Aug 2019 09:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

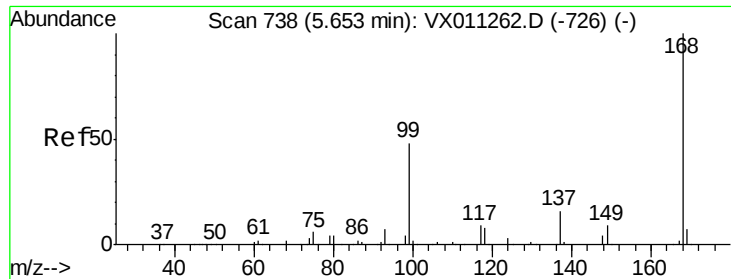
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM

Quant Time: Aug 07 01:26:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131648	48.255	ug/l	99
94) Hexachlorobutadiene	13.78	225	67440	48.723	ug/l	99
95) Naphthalene	13.83	128	384225	48.159	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	131852	47.539	ug/l	99

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



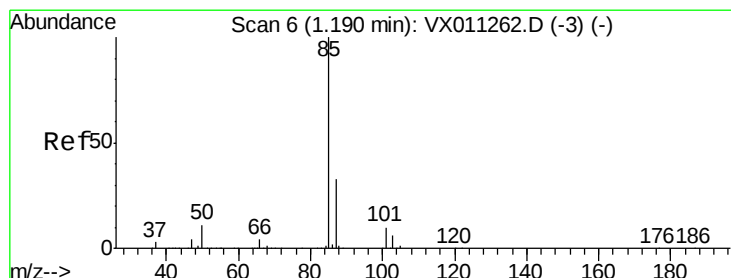
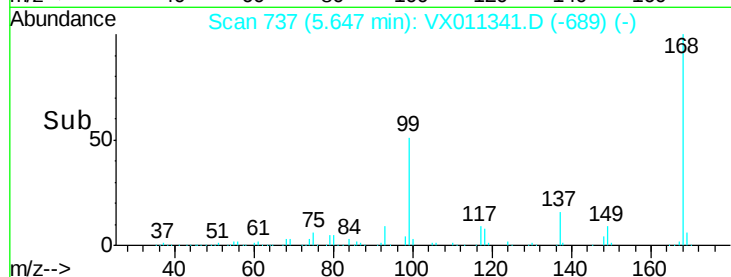
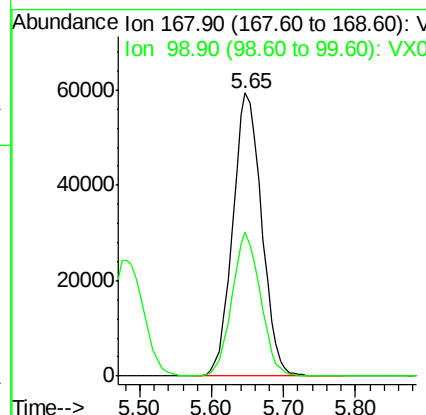
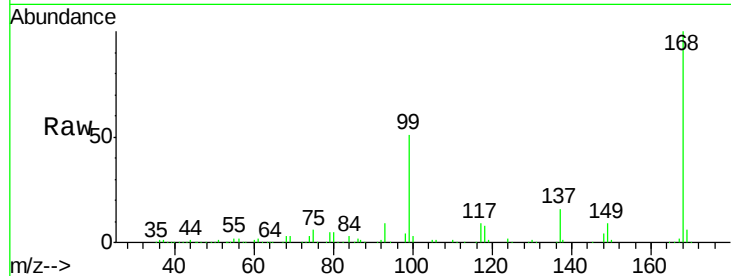
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	165855		
99	50.8	38.5	57.7	

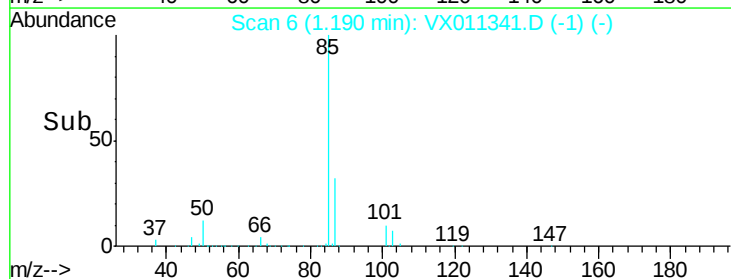
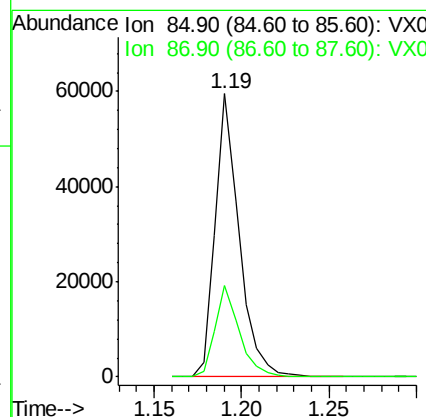
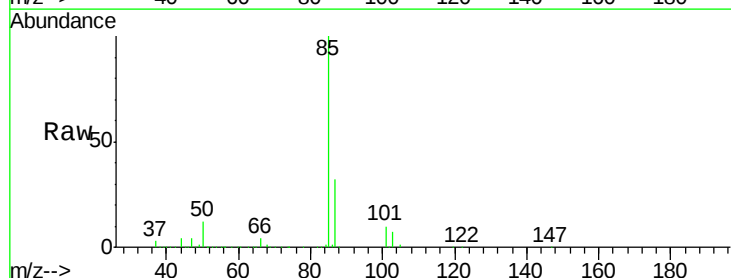
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#2
Dichlorodifluoromethane
Concen: 44.368 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	56834		
87	32.5	16.4	49.1	





#3

Chloromethane

Concen: 44.169 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 63537

Ion Ratio Lower Upper

50 100

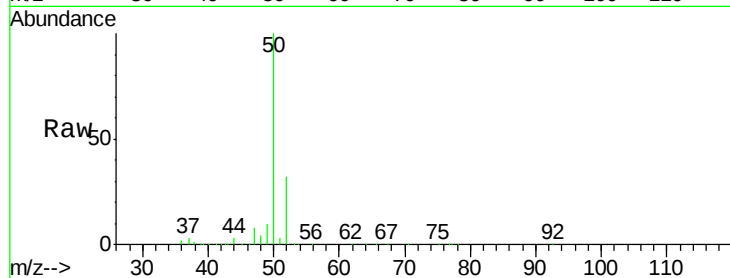
52 32.4 26.4 39.6

Manual Integrations

APPROVED

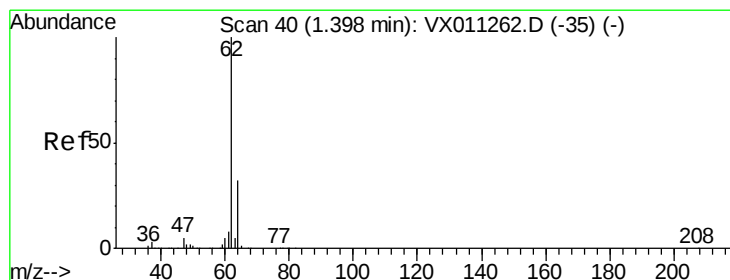
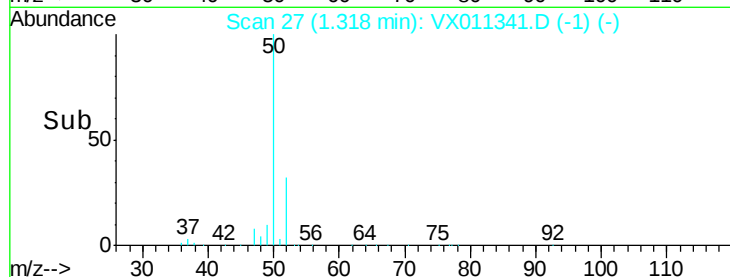
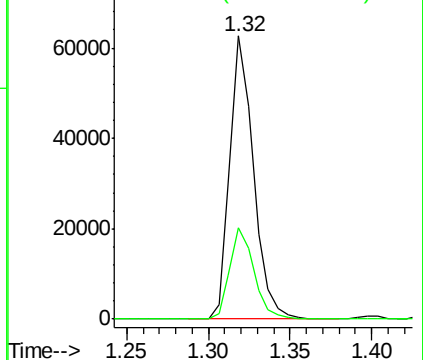
MMDadoda

8/7/2019 11:25:25 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.058 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011341.D

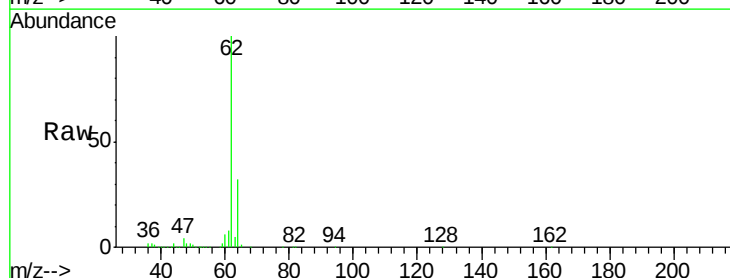
Acq: 06 Aug 2019 09:50

Tgt Ion: 62 Resp: 69713

Ion Ratio Lower Upper

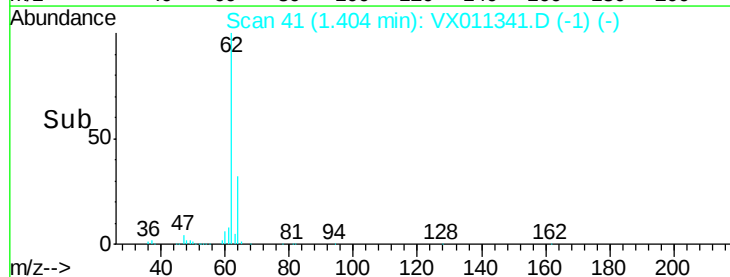
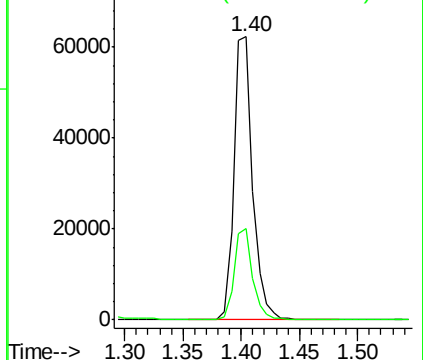
62 100

64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.569 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 45782

Ion Ratio Lower Upper

94 100

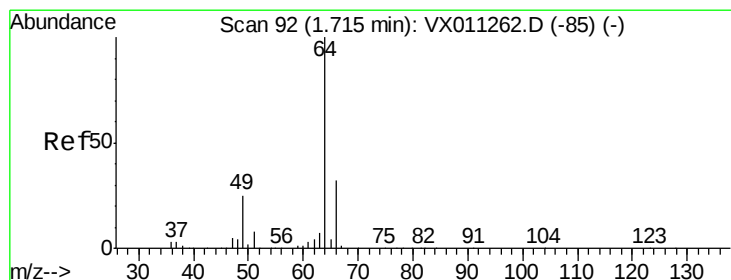
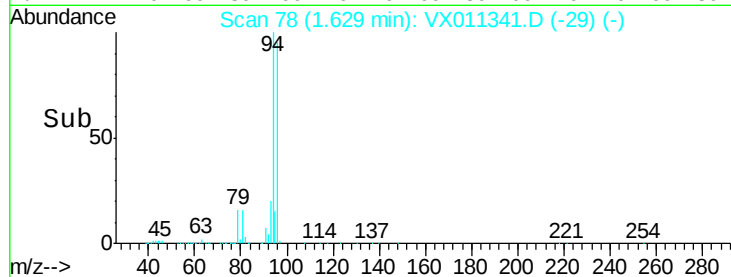
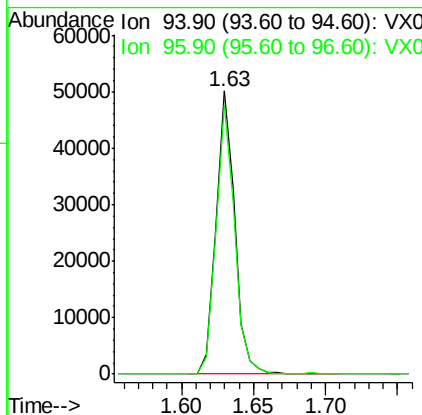
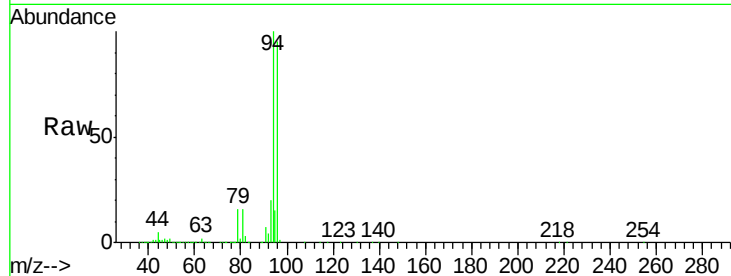
96 95.1 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#6

Chloroethane

Concen: 47.583 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011341.D

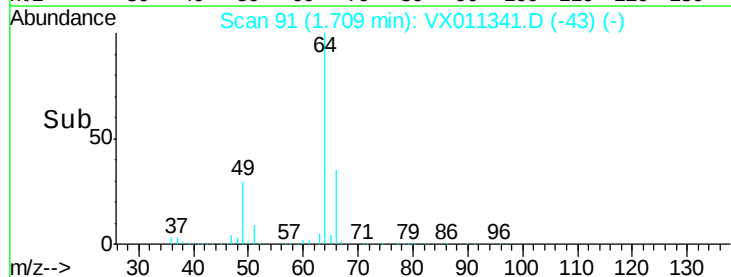
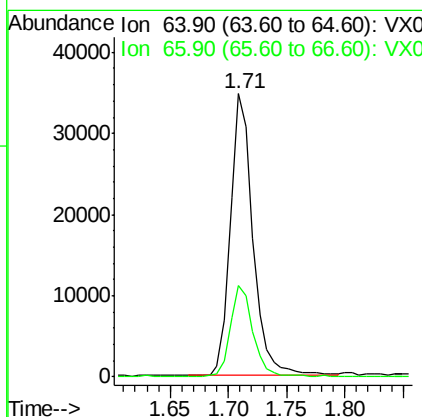
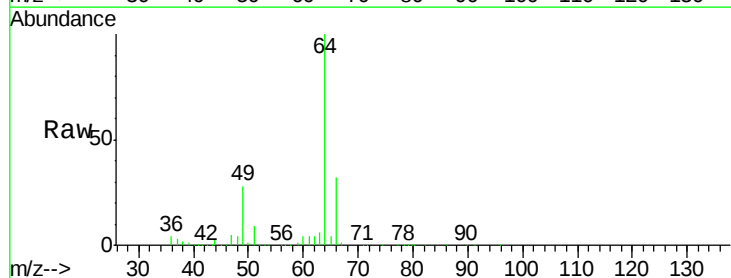
Acq: 06 Aug 2019 09:50

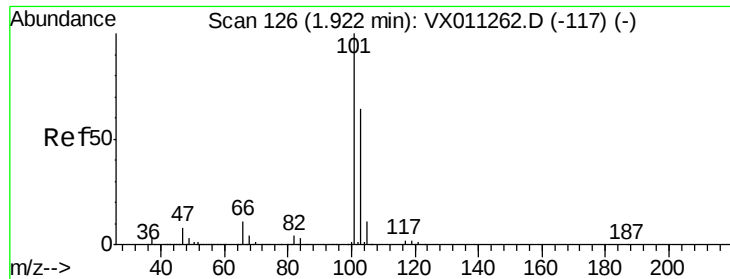
Tgt Ion: 64 Resp: 46737

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7





#7

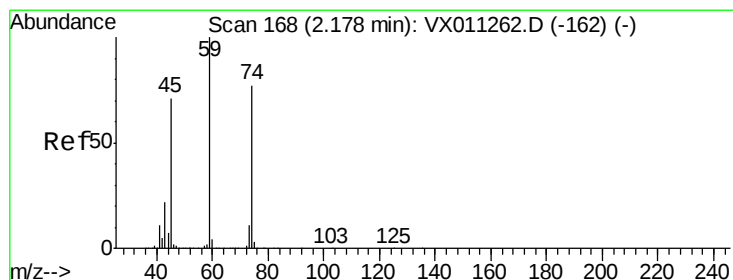
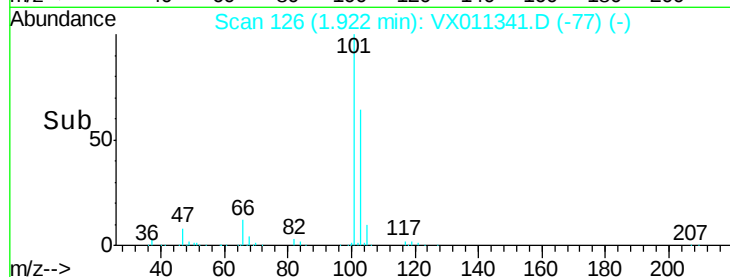
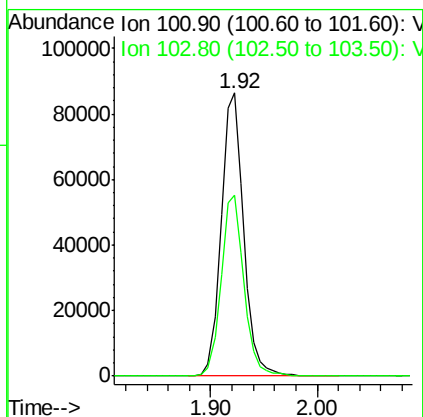
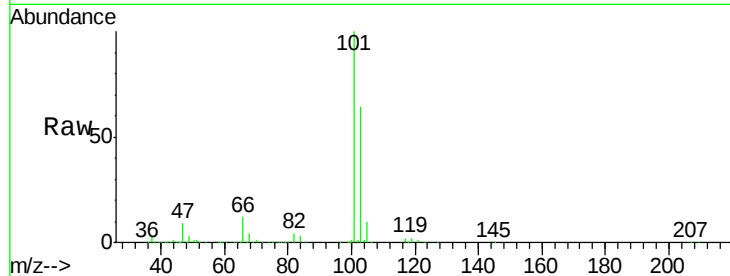
Trichlorofluoromethane
Concen: 45.152 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

Manual Integrations
APPROVED

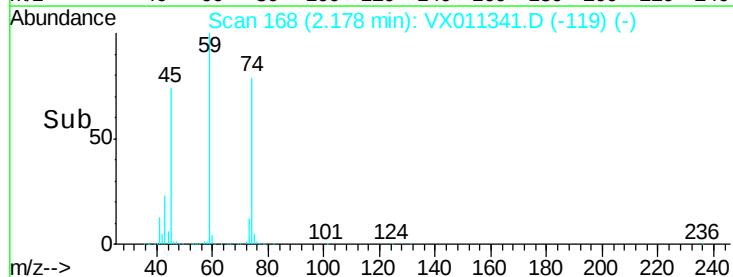
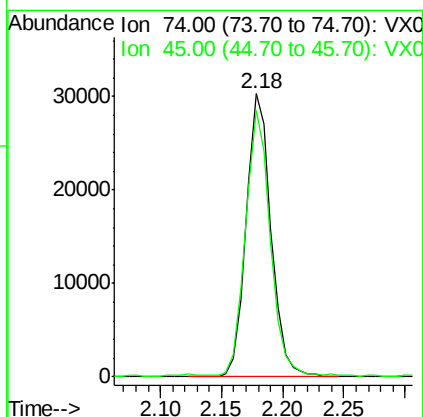
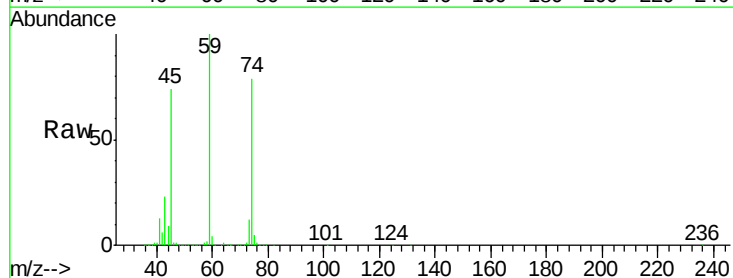
MMDadoda
8/7/2019 11:25:25 AM

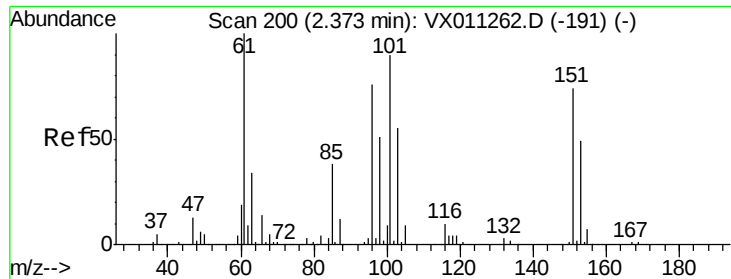


#8

Diethyl Ether
Concen: 42.726 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.376 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

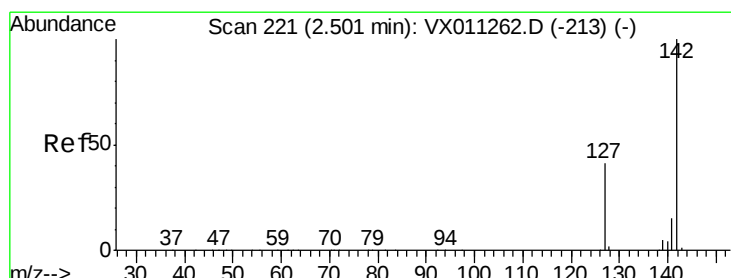
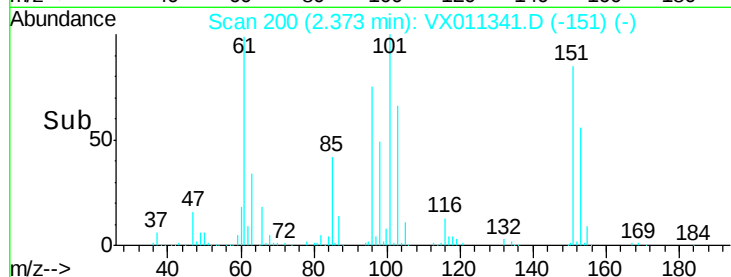
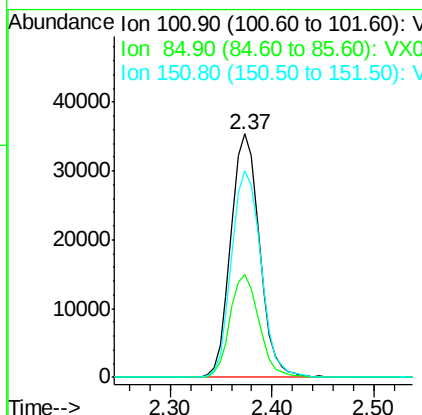
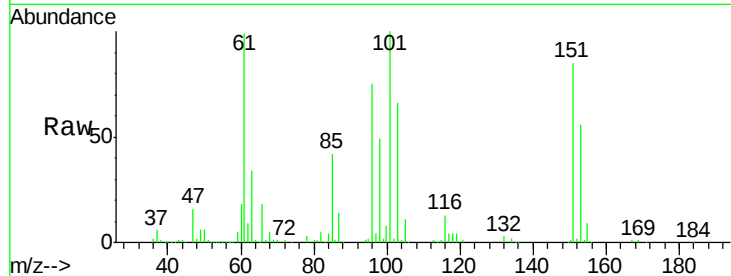
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	69076
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.6
151	87.3	69.5	104.3

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#10

Methyl Iodide

Concen: 44.650 ug/l

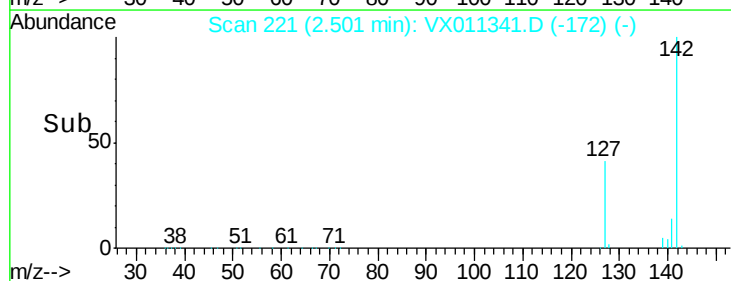
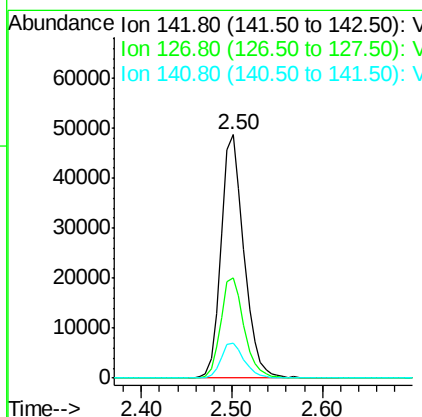
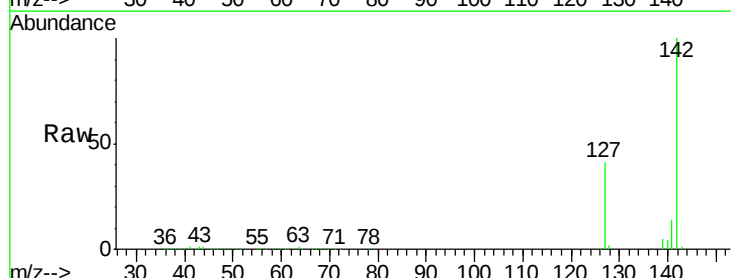
RT: 2.50 min Scan# 221

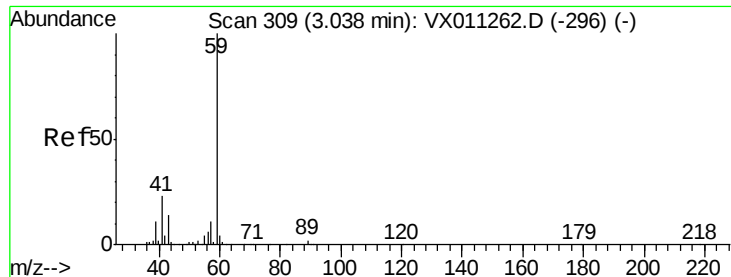
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	142	Resp:	85694
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.8	50.8
141	14.7	11.4	17.2





#11

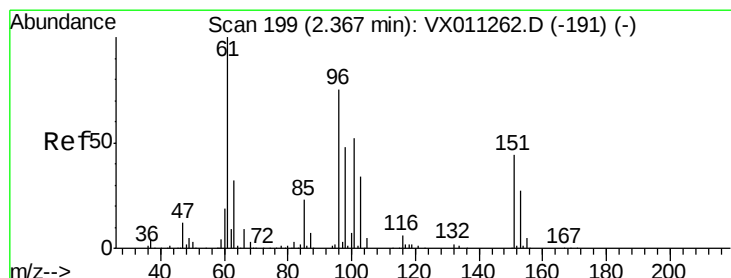
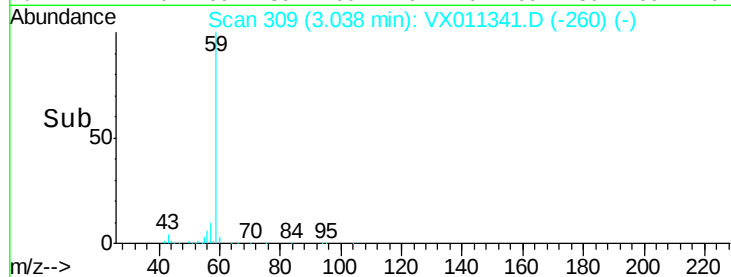
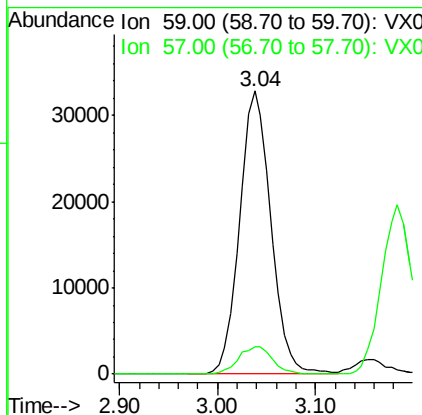
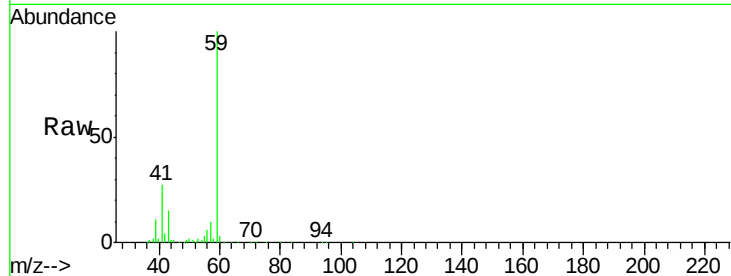
Tert butyl alcohol
Concen: 218.726 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
APPROVED

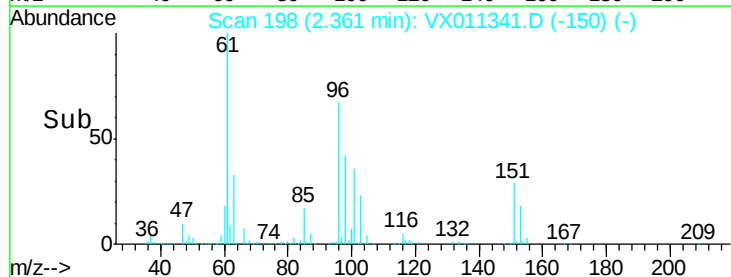
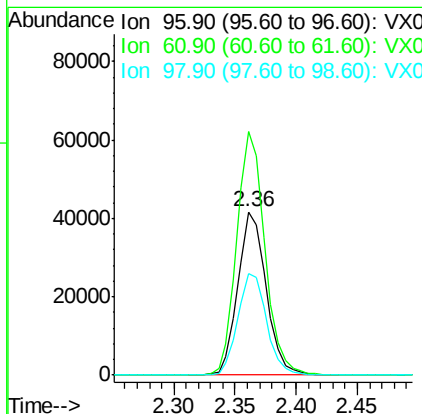
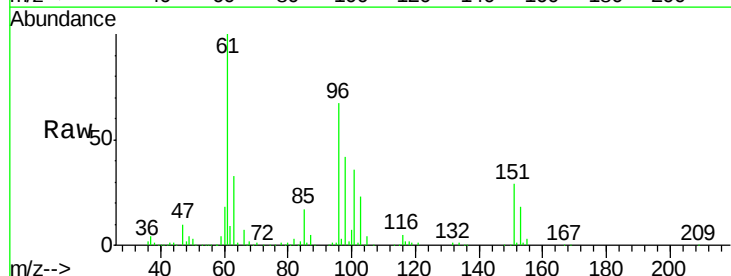
MMDadoda
8/7/2019 11:25:25 AM

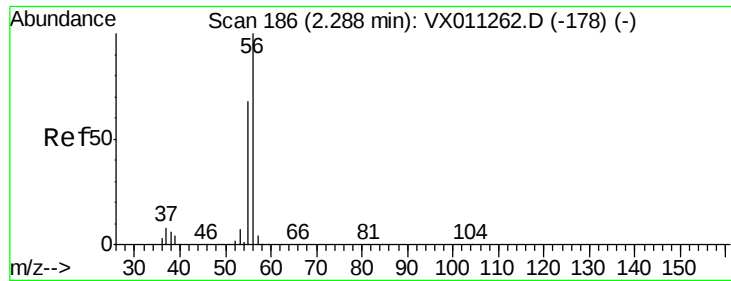


#12

1,1-Dichloroethene
Concen: 44.144 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.2	106.2	159.2
98	62.5	50.6	75.8





#13

Acrolein

Concen: 220.383 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45626

Ion Ratio Lower Upper

56 100

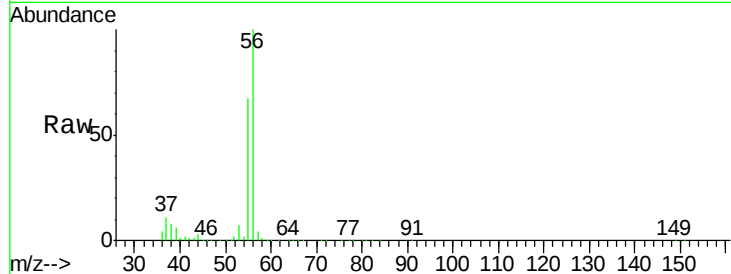
55 69.2 56.0 84.0

Manual Integrations

APPROVED

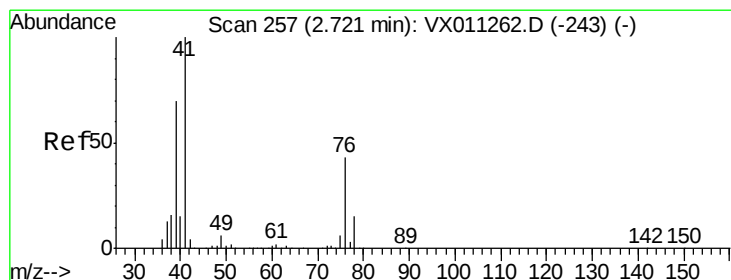
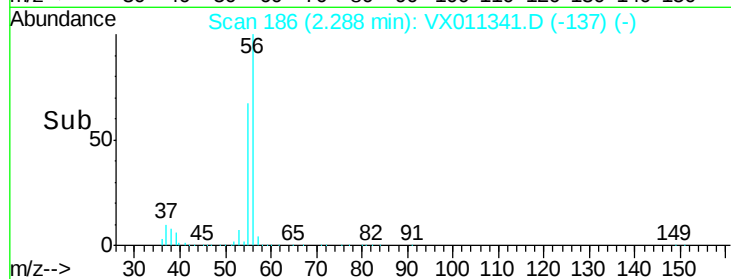
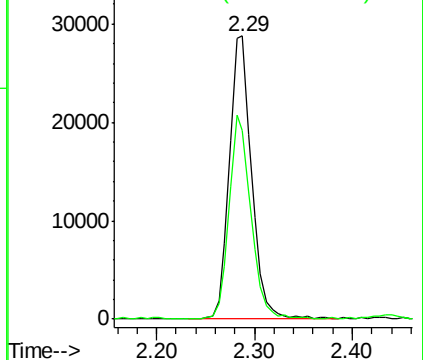
MMDadoda

8/7/2019 11:25:25 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.073 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

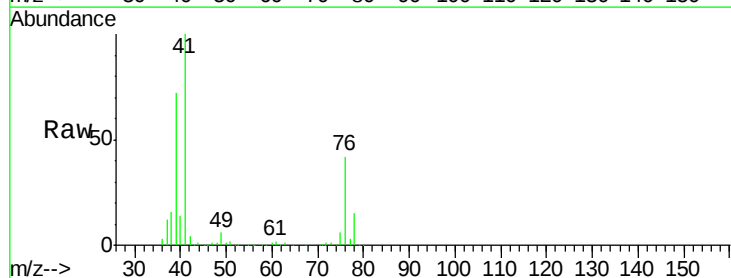
Tgt Ion: 41 Resp: 98720

Ion Ratio Lower Upper

41 100

39 67.4 52.8 79.2

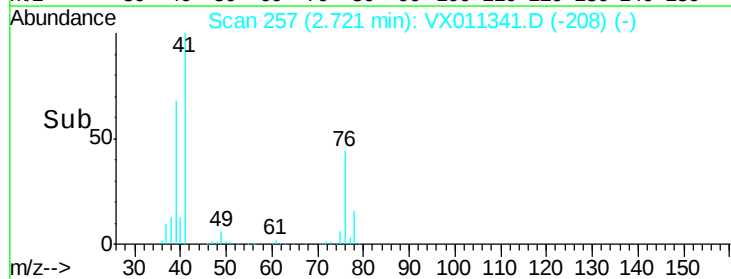
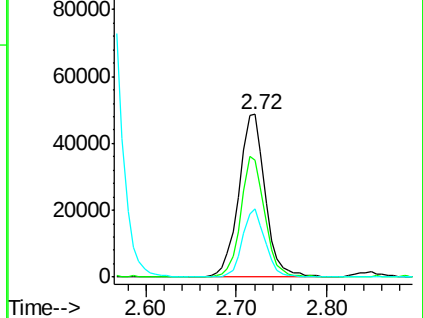
76 36.0 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.138 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

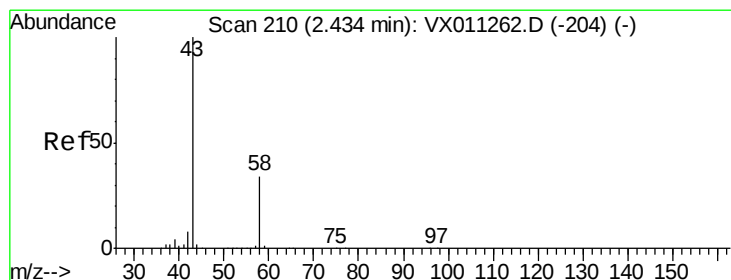
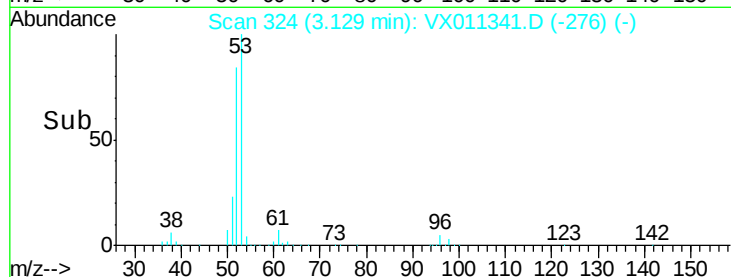
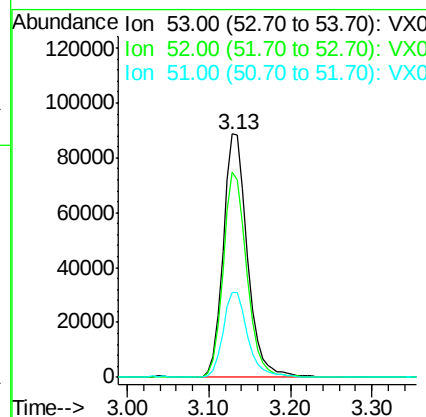
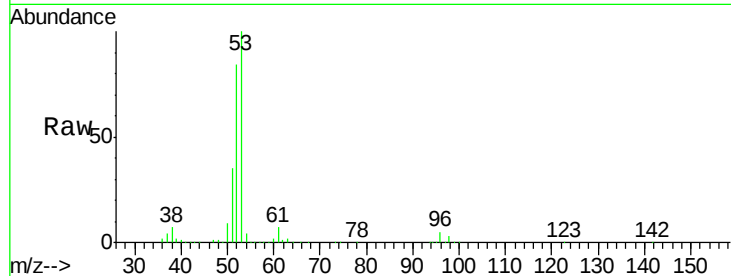
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	182912
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.5	98.3
51	36.3	27.9	41.9

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#16

Acetone

Concen: 266.586 ug/l

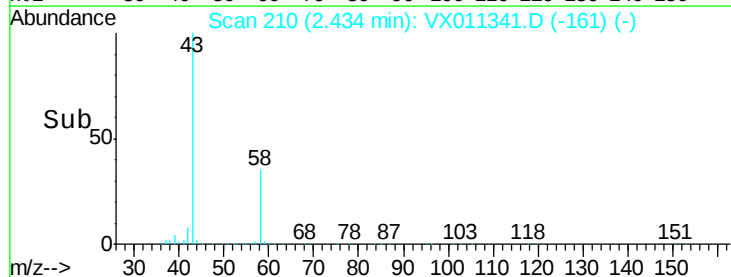
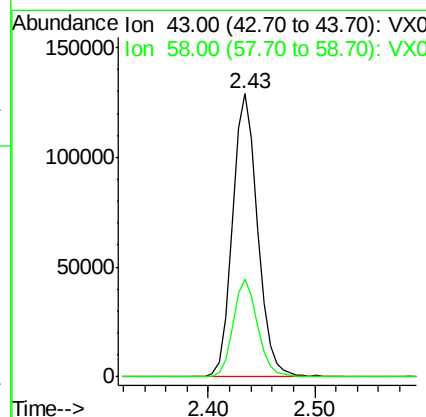
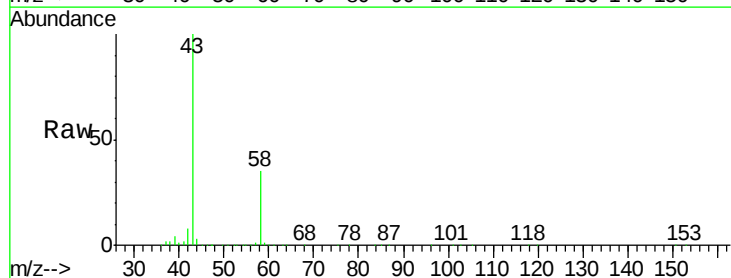
RT: 2.43 min Scan# 210

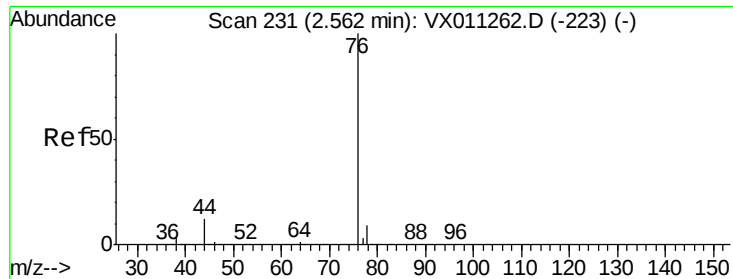
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	43	Resp:	211937
Ion Ratio		Lower	Upper
43	100		
58	34.7	27.4	41.0





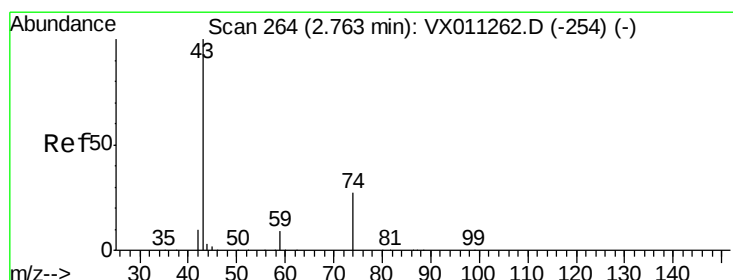
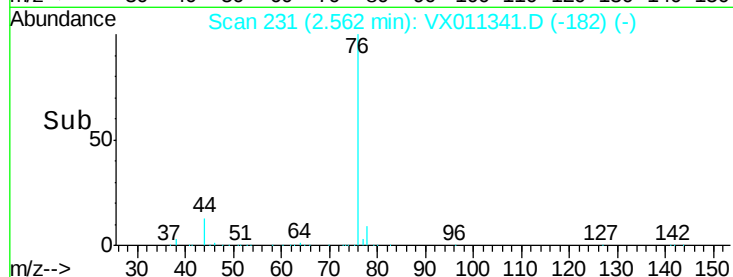
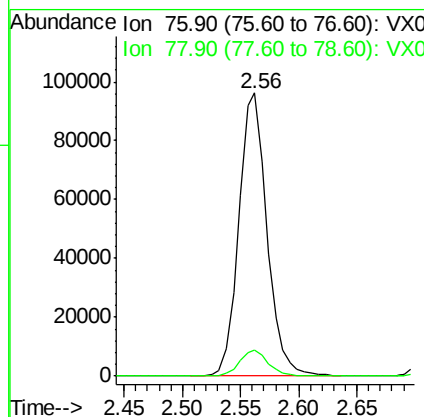
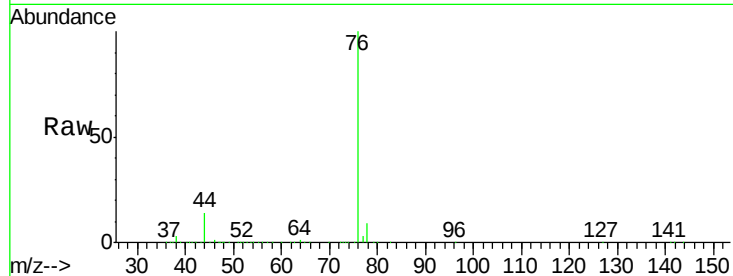
#17
Carbon Disulfide
Concen: 45.821 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

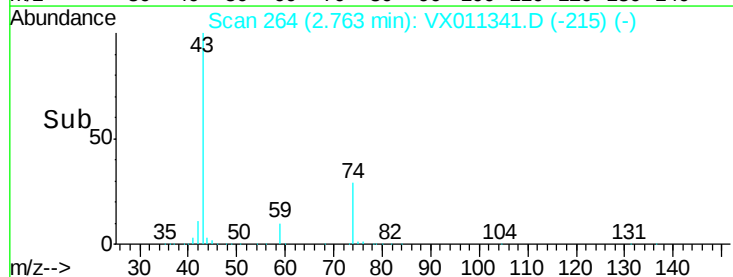
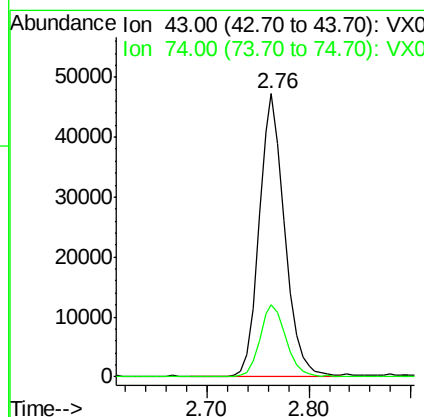
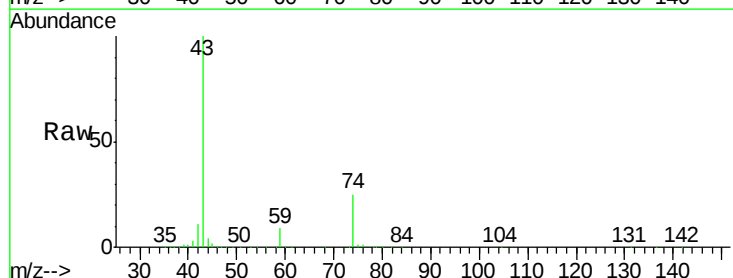
Manual Integrations
APPROVED

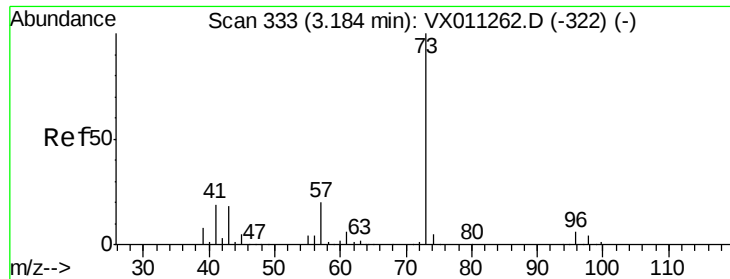
MMDadoda
8/7/2019 11:25:25 AM



#18
Methyl Acetate
Concen: 45.091 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.0	31.6





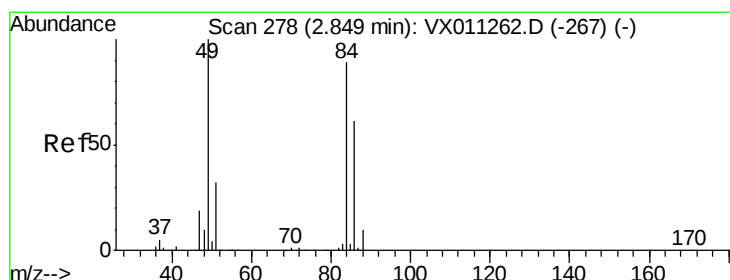
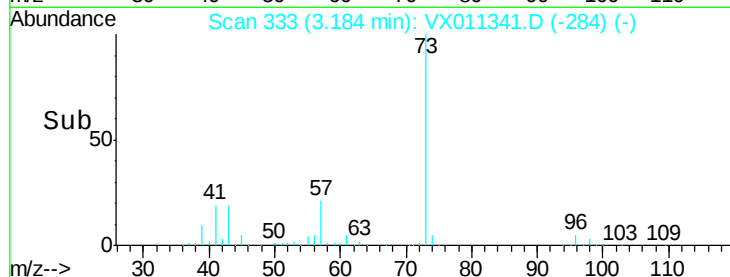
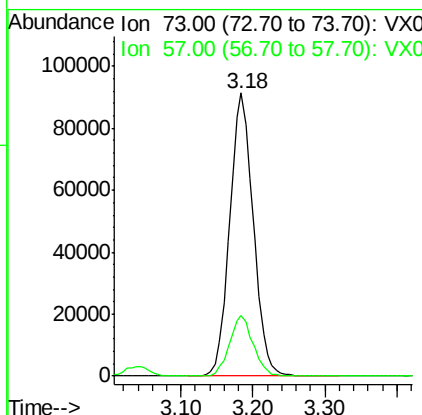
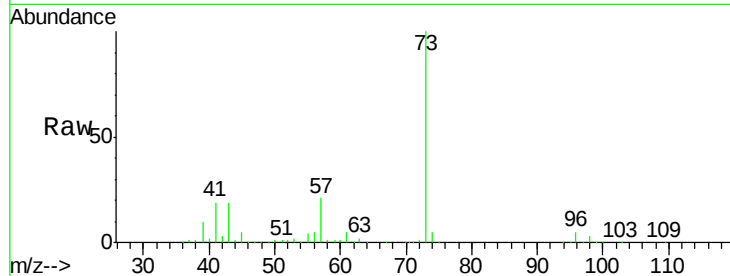
#19
Methyl tert-butyl Ether
Concen: 46.821 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 208212
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2

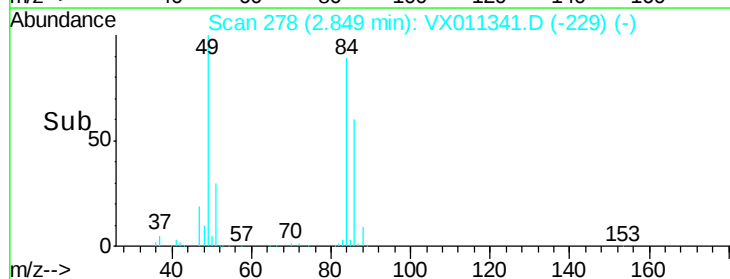
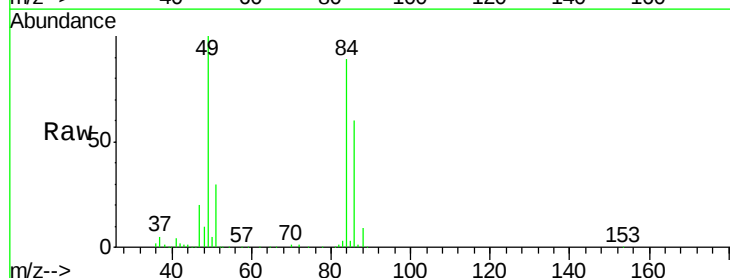
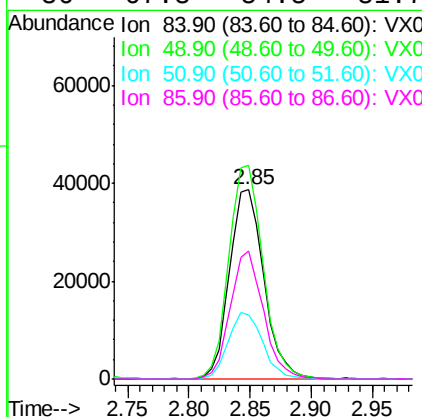
Manual Integrations
APPROVED

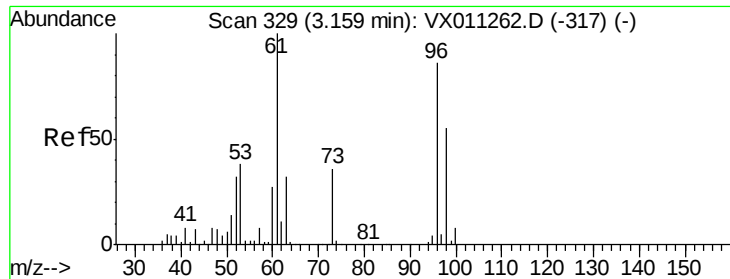
MMDadoda
8/7/2019 11:25:25 AM



#20
Methylene Chloride
Concen: 43.330 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion: 84 Resp: 75442
Ion Ratio Lower Upper
84 100
49 112.7 89.3 133.9
51 33.7 28.3 42.5
86 67.8 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 44.979 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

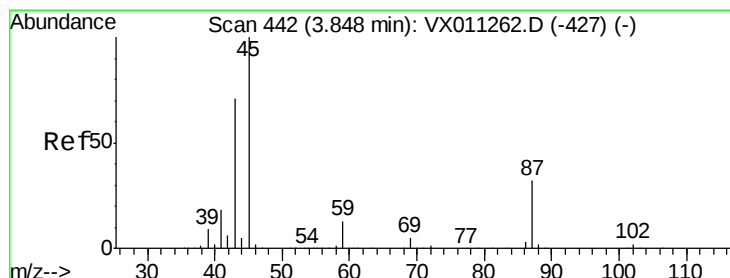
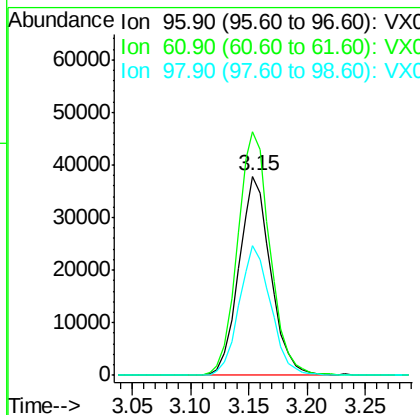
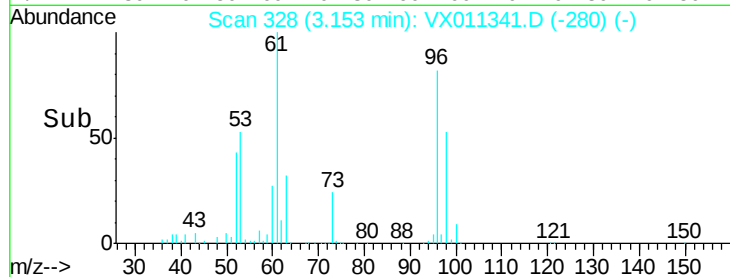
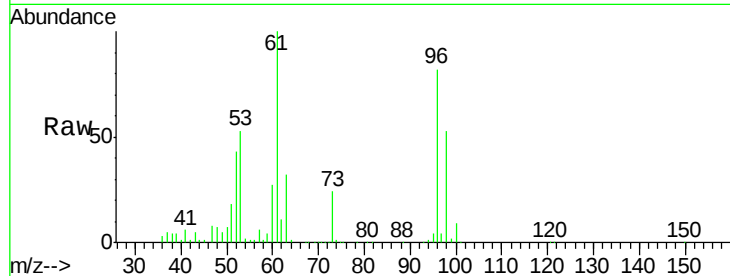
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	71798
Ion	Ratio	Lower	Upper
96	100		
61	122.2	92.8	139.2
98	65.5	51.2	76.8

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#22

Diisopropyl ether

Concen: 46.910 ug/l

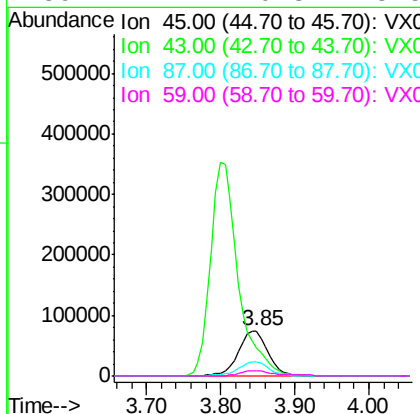
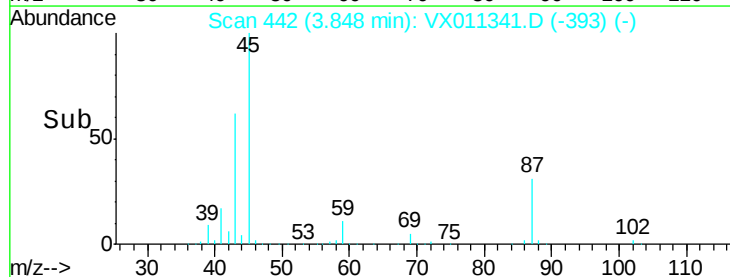
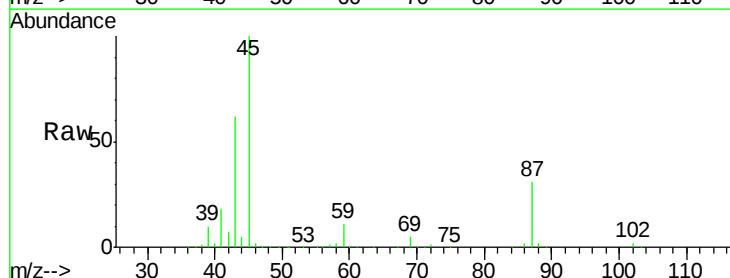
RT: 3.85 min Scan# 442

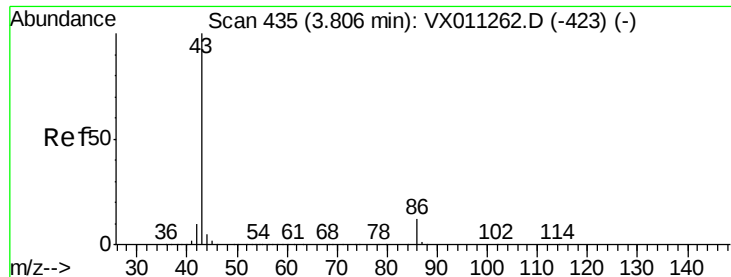
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	45	Resp:	207409
Ion	Ratio	Lower	Upper
45	100		
43	61.4	56.8	85.2
87	31.3	25.8	38.6
59	11.4	10.3	15.5





#23

Vinyl Acetate

Concen: 248.386 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 910869

Ion Ratio Lower Upper

43 100

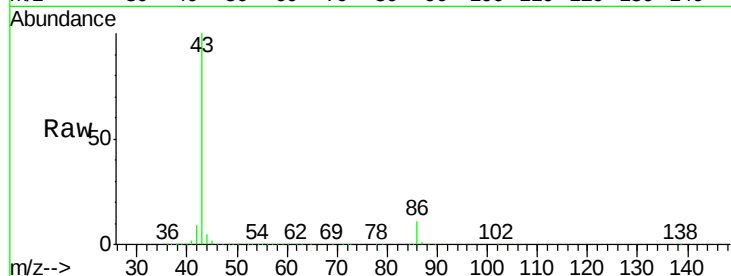
86 11.0 9.6 14.4

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

300000

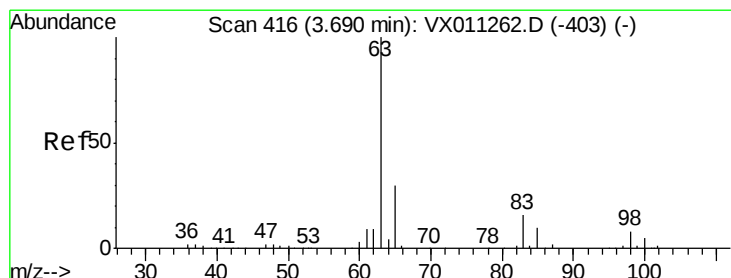
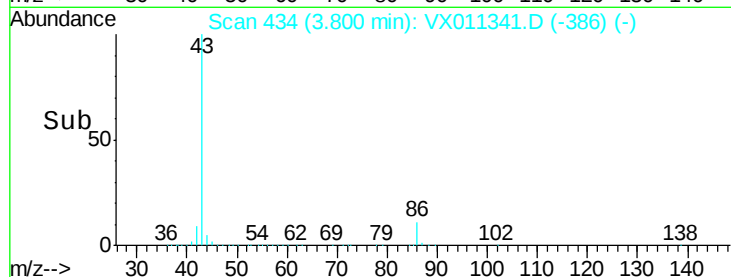
200000

100000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 45.935 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

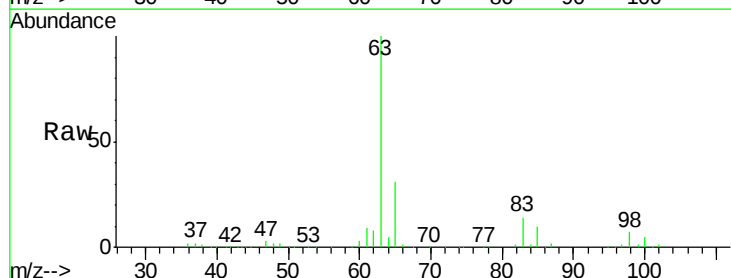
Tgt Ion: 63 Resp: 119759

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

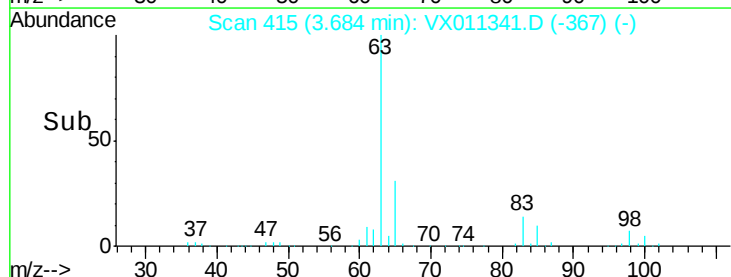
40000

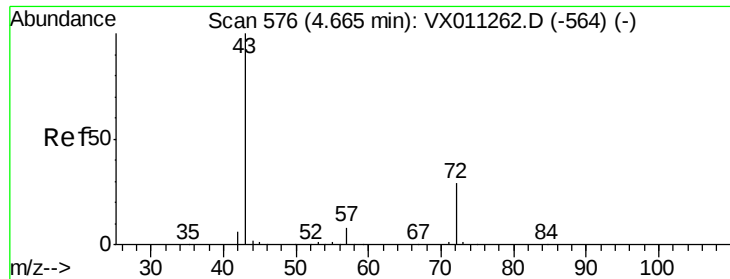
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 245.068 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 277147

Ion Ratio Lower Upper

43 100

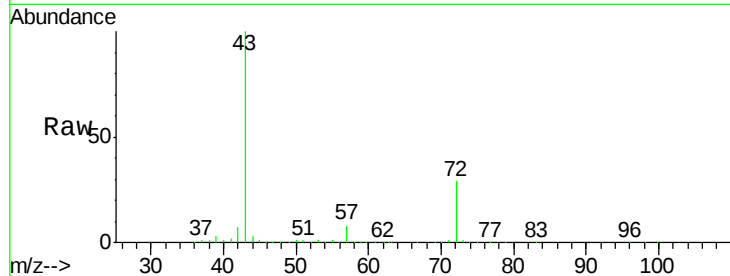
72 28.7 23.2 34.8

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

100000

80000

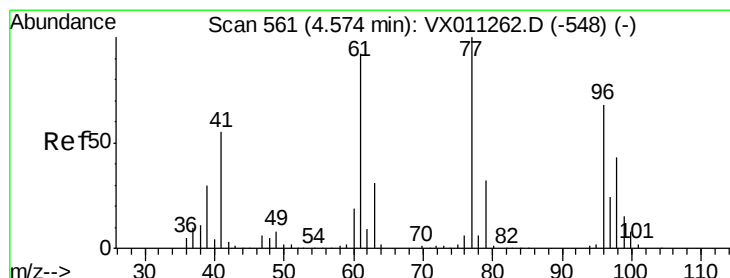
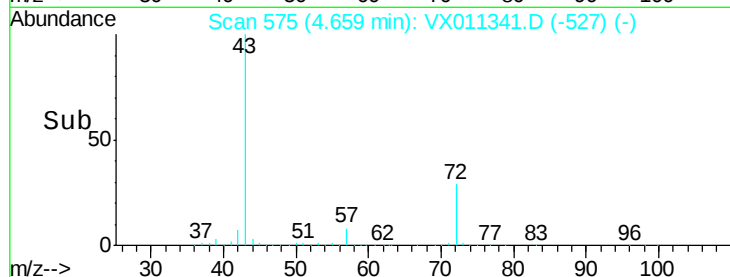
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.010 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011341.D

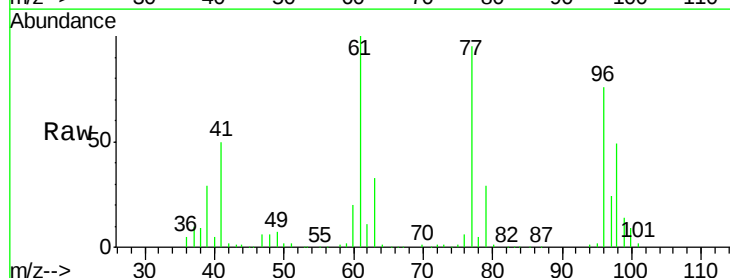
Acq: 06 Aug 2019 09:50

Tgt Ion: 77 Resp: 101353

Ion Ratio Lower Upper

77 100

97 24.9 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

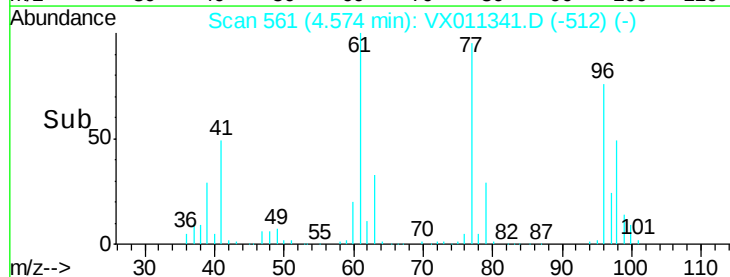
30000

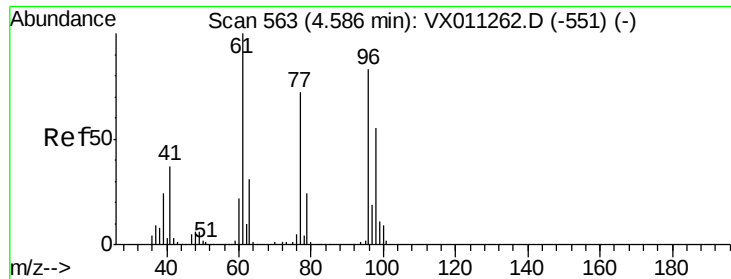
20000

10000

0

Time-->





#27

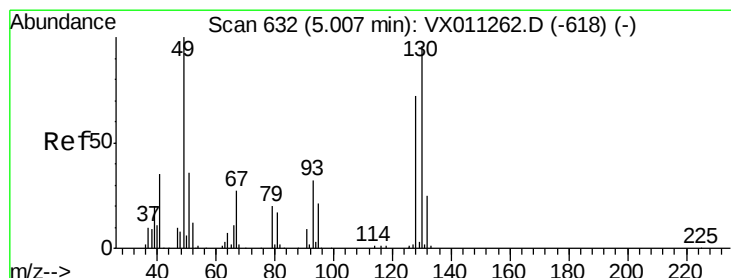
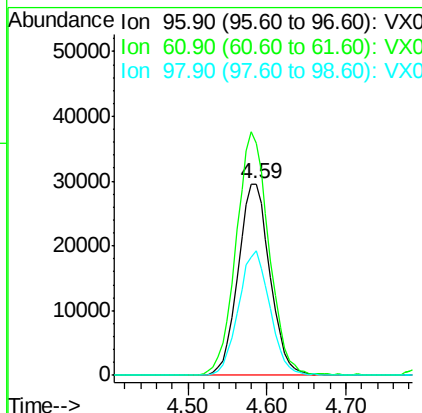
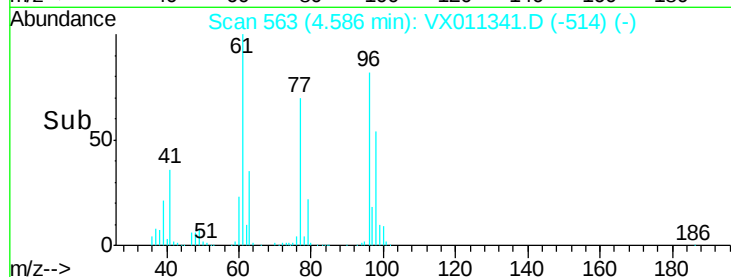
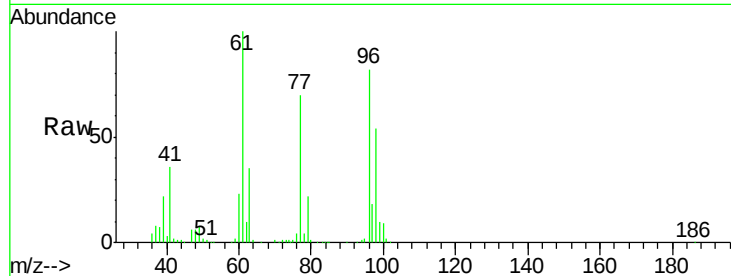
cis-1,2-Dichloroethene
Concen: 45.151 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	83016		
61	130.8		0.0	260.2
98	64.4		0.0	133.2

Manual Integrations
APPROVED

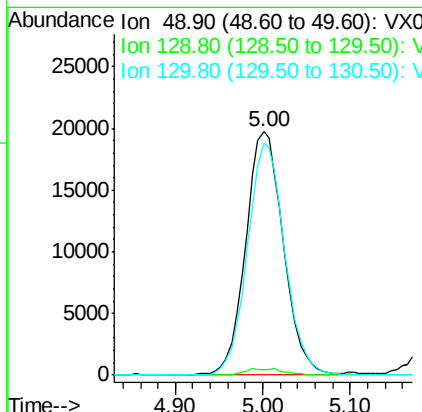
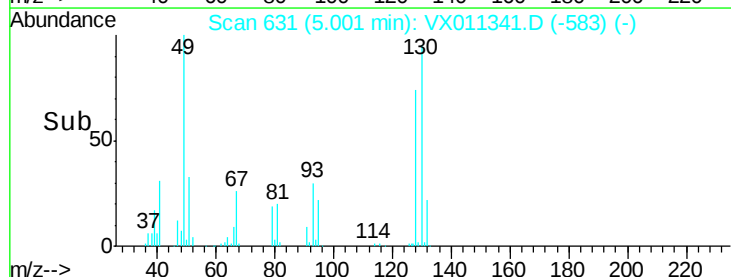
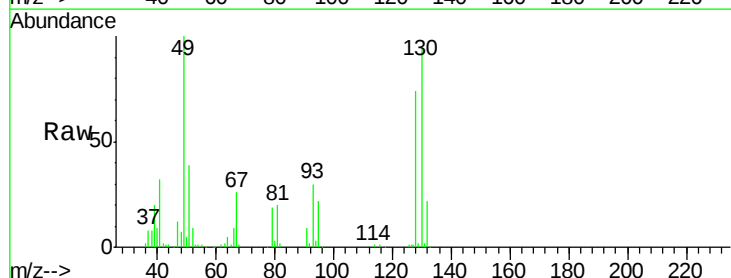
MMDadoda
8/7/2019 11:25:25 AM

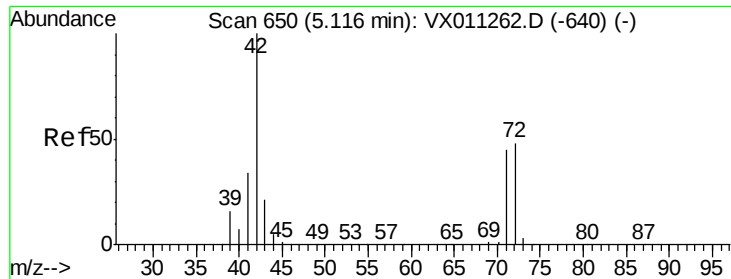


#28

Bromochloromethane
Concen: 49.849 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	59248		
129	2.6		0.0	5.8
130	93.8		77.9	116.9





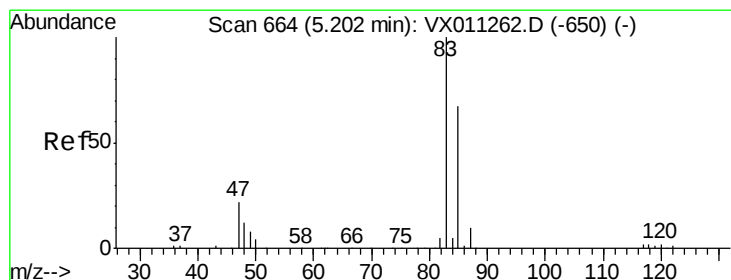
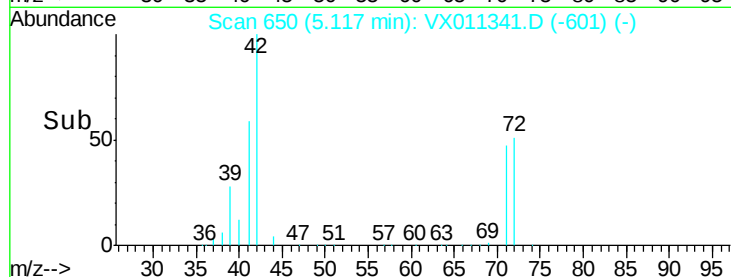
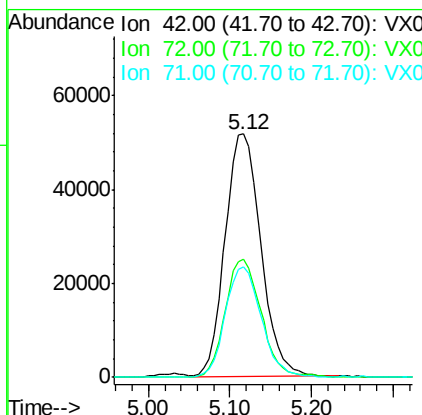
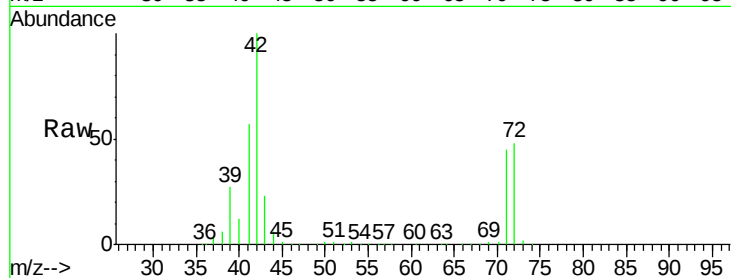
#29
Tetrahydrofuran
Concen: 227.136 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.9	59.9
71	45.8	36.9	55.3

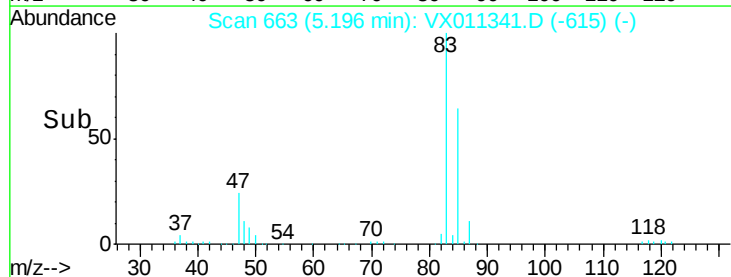
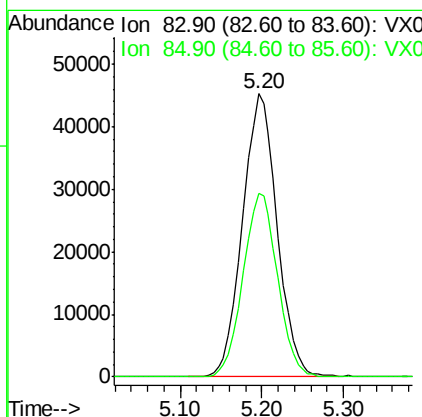
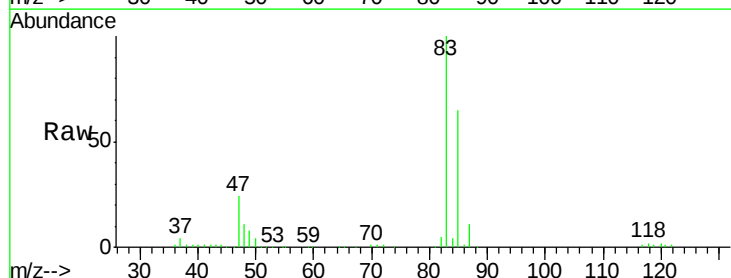
Manual Integrations
APPROVED

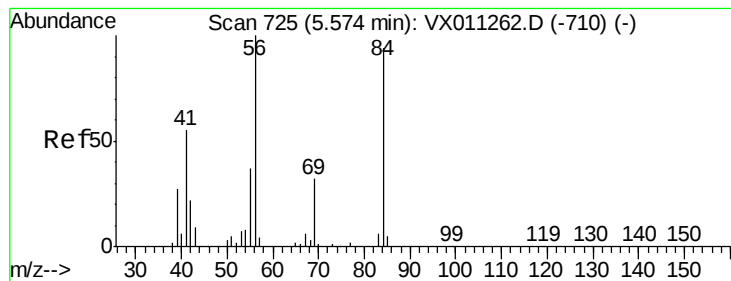
MMDadoda
8/7/2019 11:25:25 AM



#30
Chloroform
Concen: 47.075 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0





#31

Cyclohexane

Concen: 45.164 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

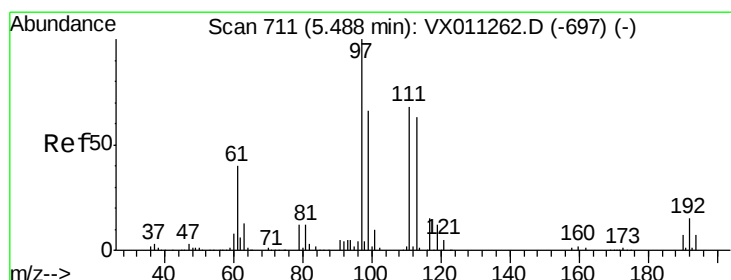
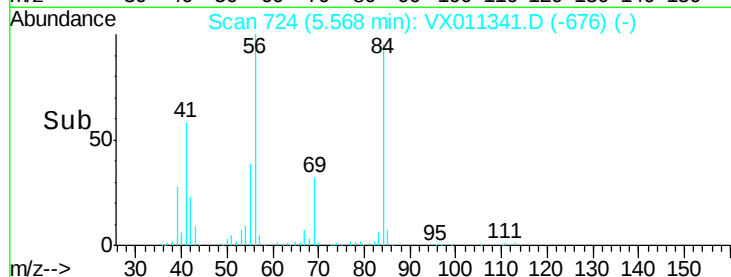
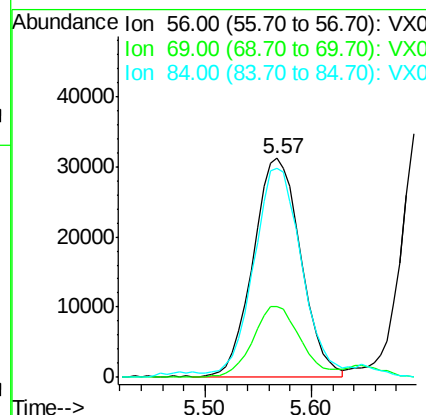
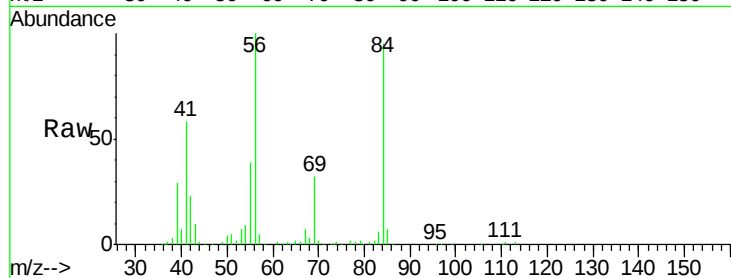
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	97145
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.5	38.3
84	93.0	75.0	112.4

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#32

1,1,1-Trichloroethane

Concen: 47.907 ug/l

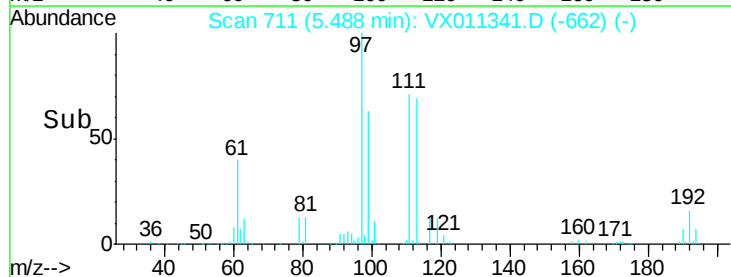
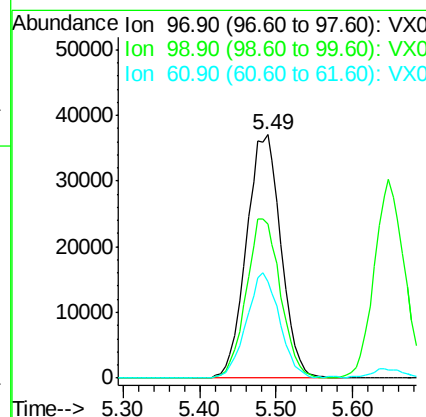
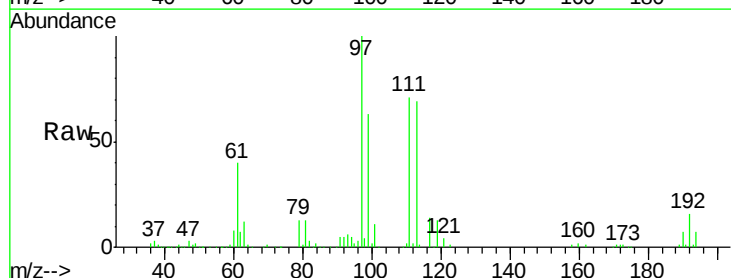
RT: 5.49 min Scan# 711

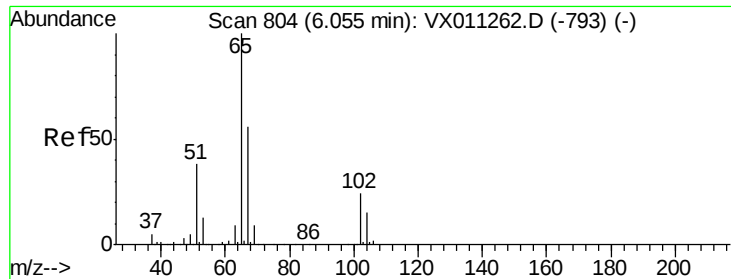
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	97	Resp:	116288
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	41.8	32.3	48.5





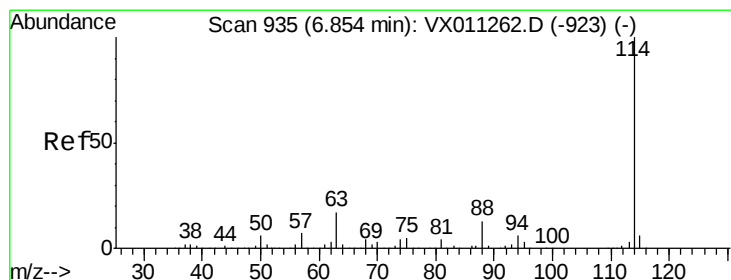
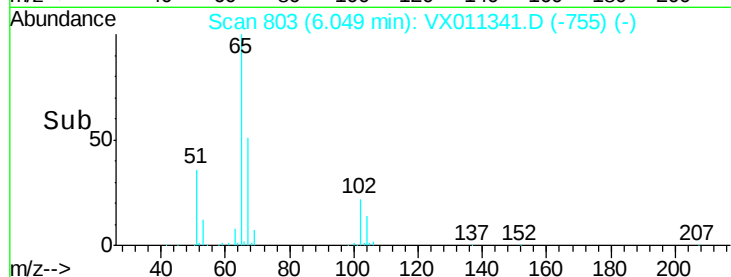
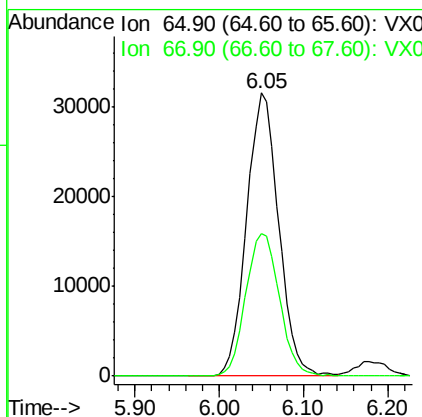
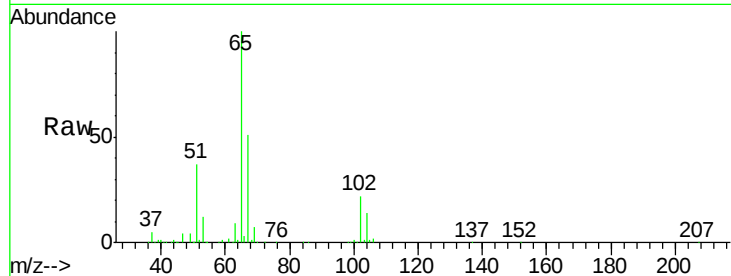
#33
 1,2-Dichloroethane-d4
 Concen: 48.724 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	110.6

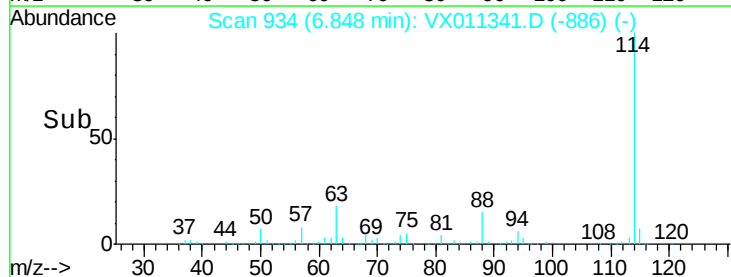
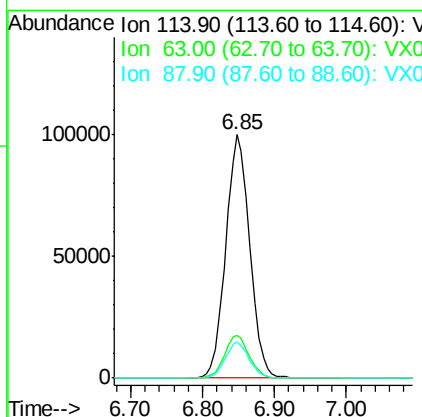
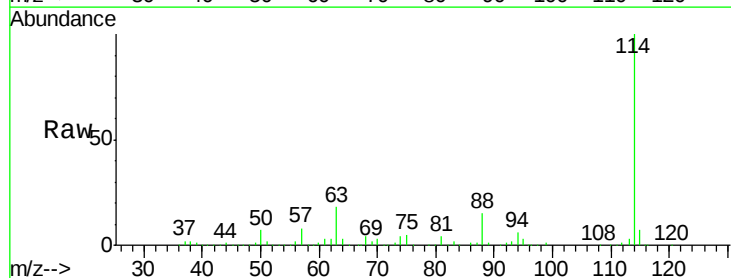
Manual Integrations
 APPROVED

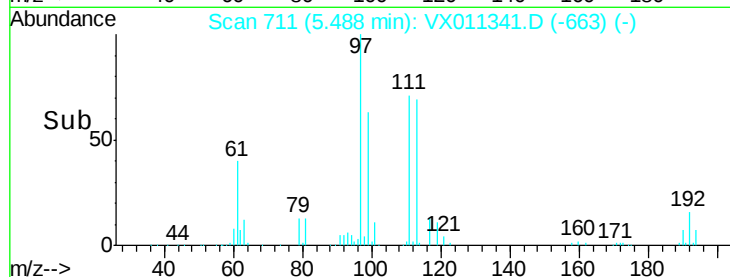
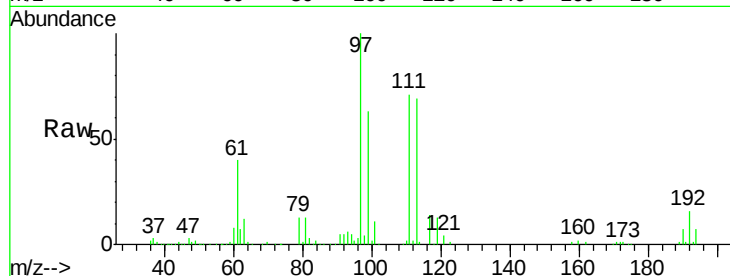
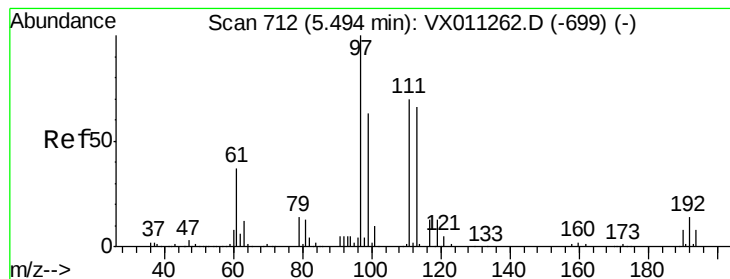
MMDadoda
 8/7/2019 11:25:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.0
88	14.6	0.0	26.4





#35

Dibromofluoromethane

Concen: 49.269 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011341.D

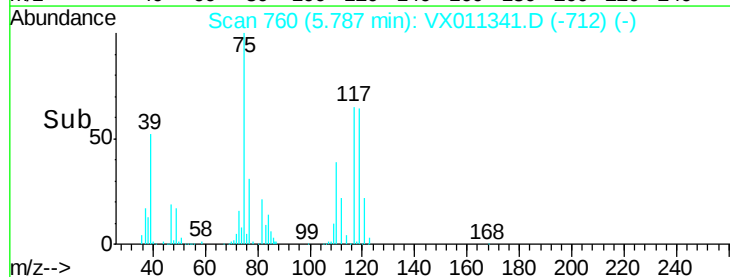
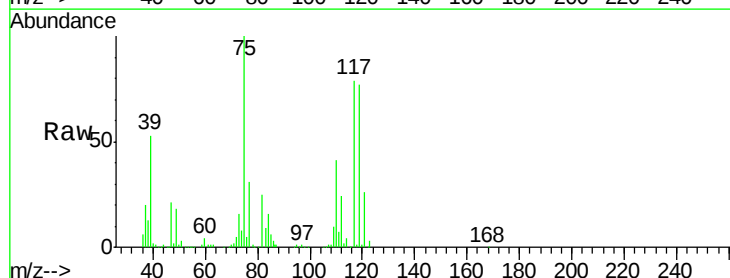
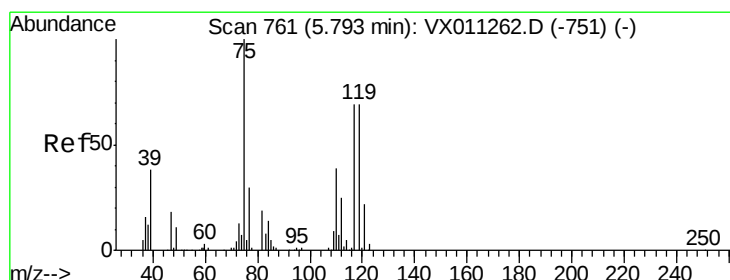
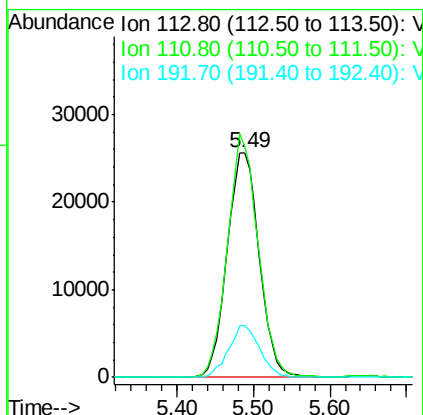
Acq: 06 Aug 2019 09:50

Tot Ion:	113	Resp:	74548
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	22.3	17.8	26.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#36

1,1-Dichloropropene

Concen: 46.849 ug/l

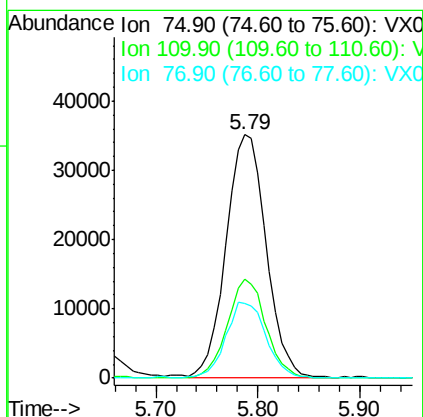
RT: 5.79 min Scan# 760

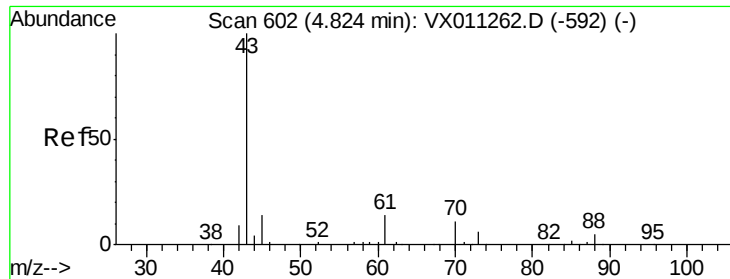
Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	75	Resp:	94796
Ion	Ratio	Lower	Upper
75	100		
110	39.6	20.0	59.9
77	31.0	24.8	37.2





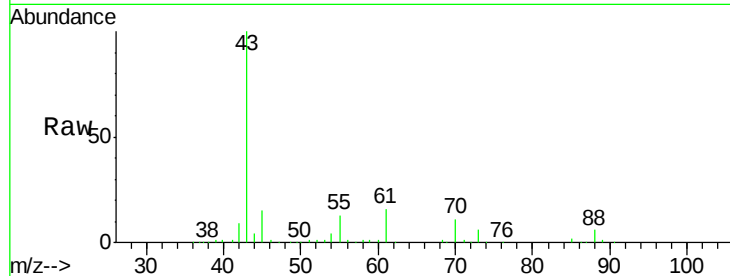
#37
Ethyl Acetate
Concen: 47.943 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

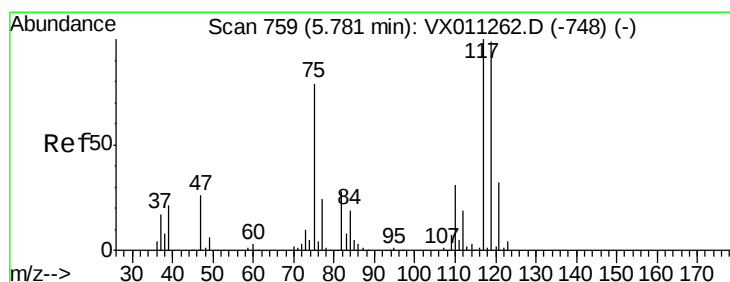
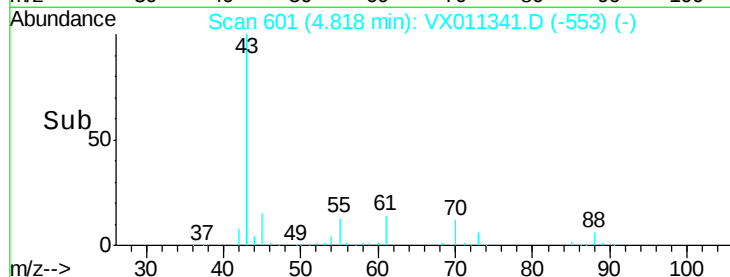
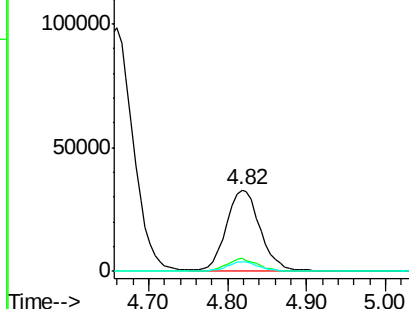
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.6	18.8
70	11.2	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM

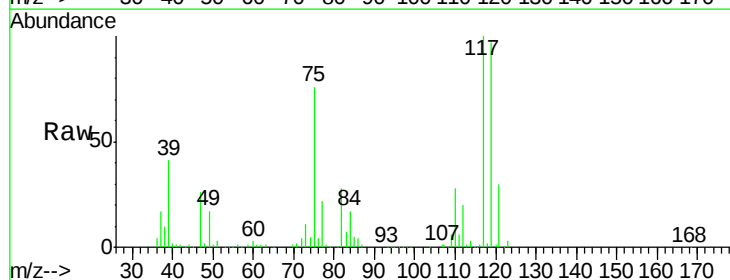


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

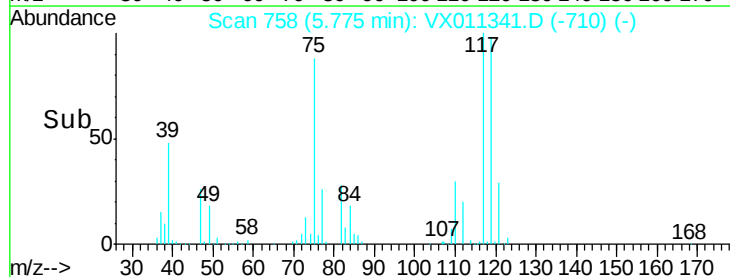
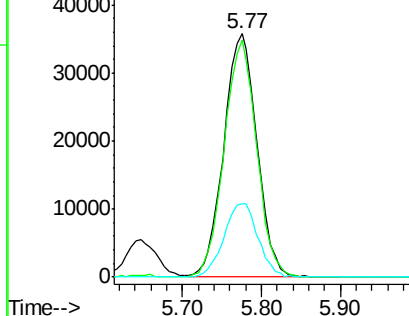


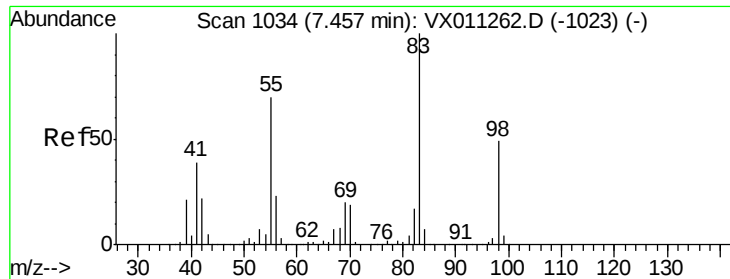
#38
Carbon Tetrachloride
Concen: 51.423 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.0	118.4
121	30.4	25.9	38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





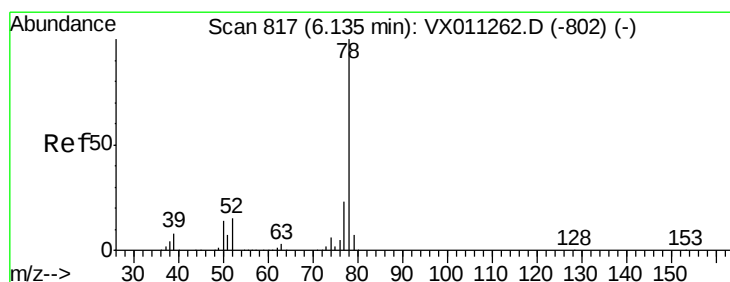
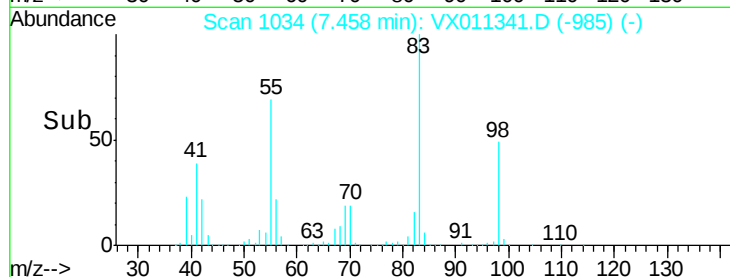
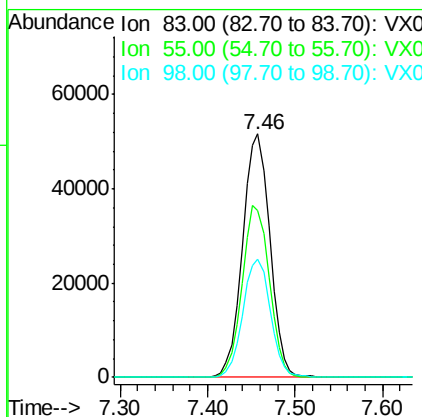
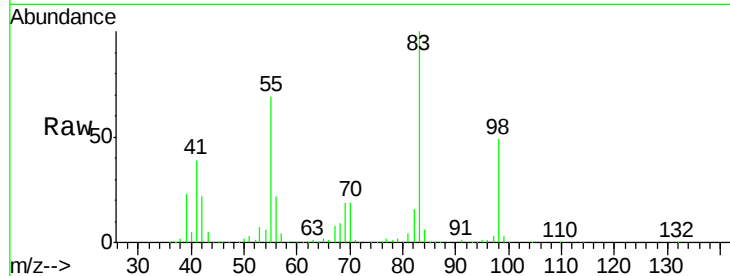
#39
Methvlcvclohexane
Concen: 46.927 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	68.6	56.1	84.1	
98	48.6	39.0	58.4	

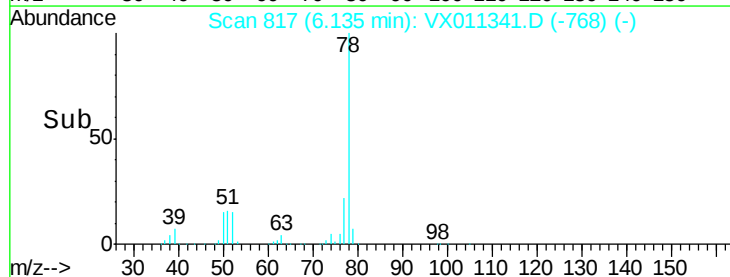
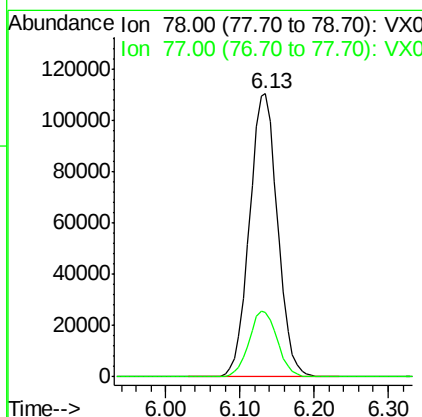
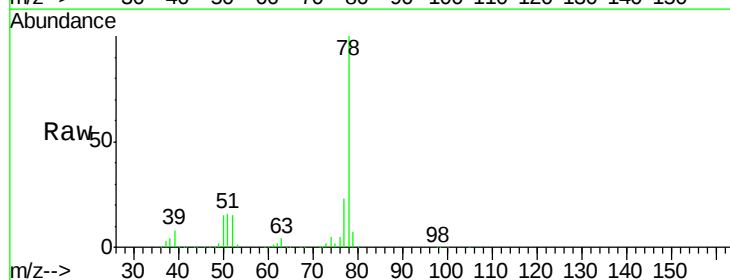
Manual Integrations
APPROVED

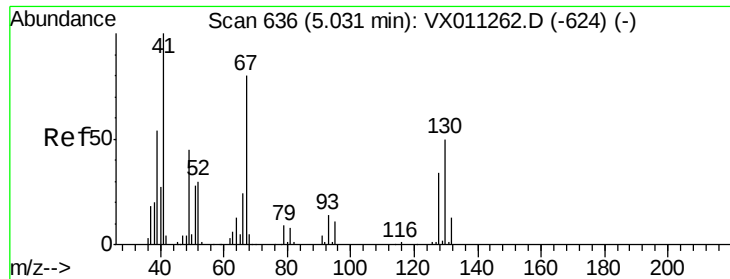
MMDadoda
8/7/2019 11:25:25 AM



#40
Benzene
Concen: 48.486 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	18.2	27.2	





#41

Methacrylonitrile

Concen: 49.535 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

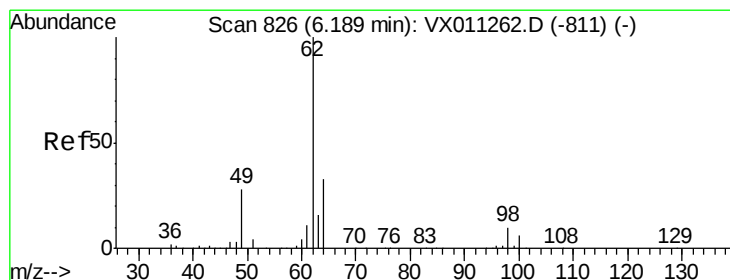
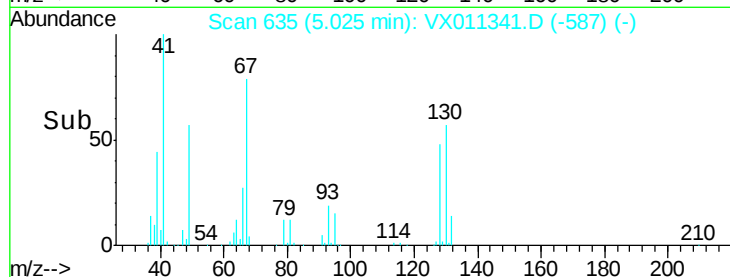
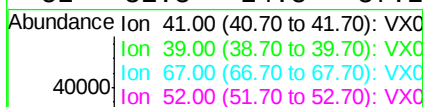
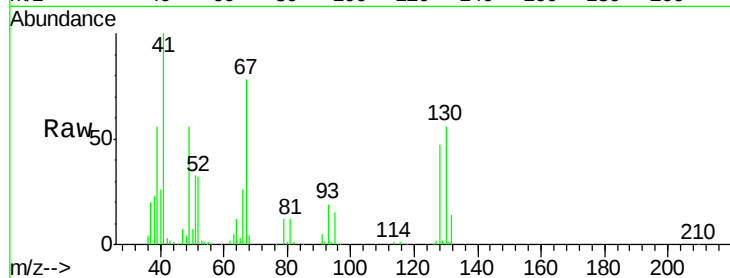
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	43.0	64.6	
67	76.7	65.1	97.7	
52	31.3	24.8	37.2	

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#42

1,2-Dichloroethane

Concen: 49.203 ug/l

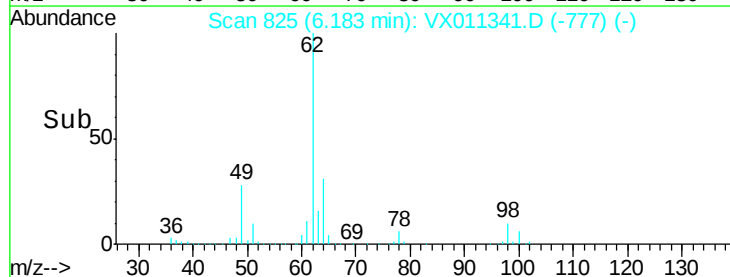
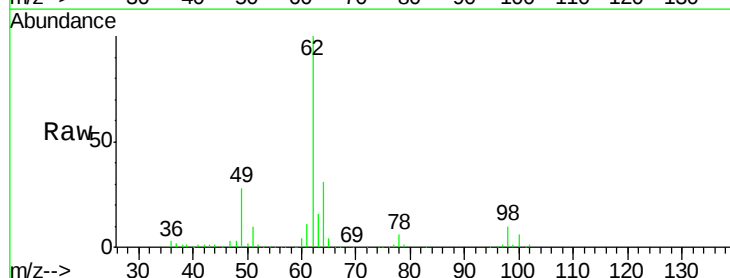
RT: 6.18 min Scan# 825

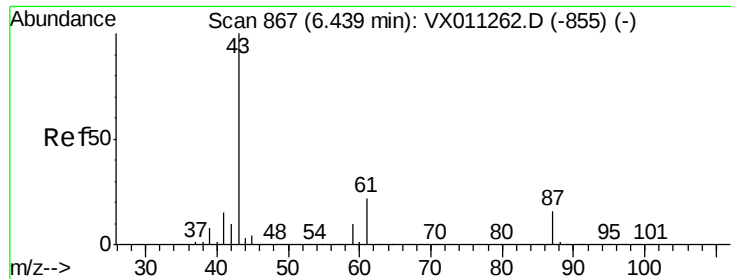
Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.6	





#43

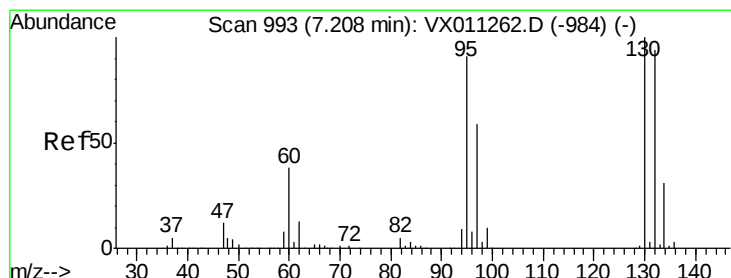
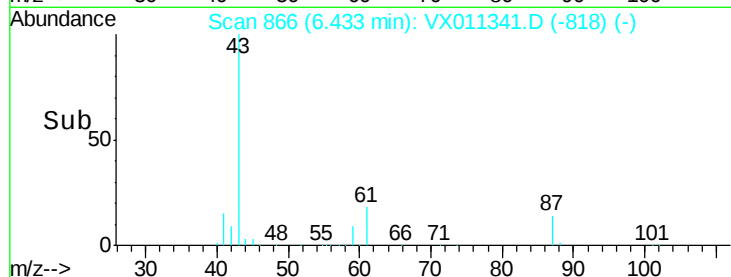
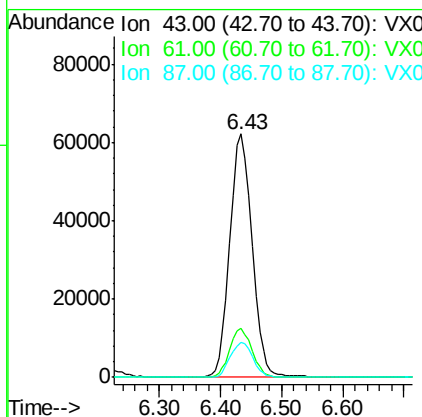
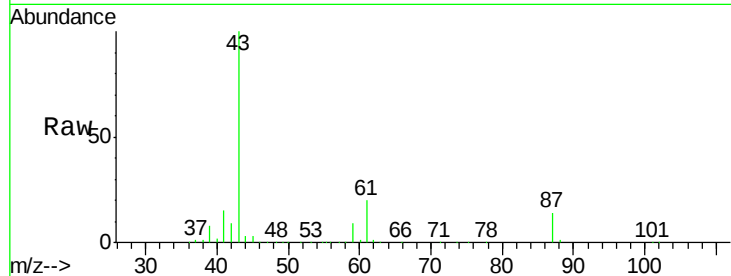
Isopropyl Acetate
 Concen: 48.091 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	61	87
Resp	156054		
Ratio	100	20.2	14.7
Lower		16.5	12.1
Upper		24.7	18.1

Manual Integrations
 APPROVED

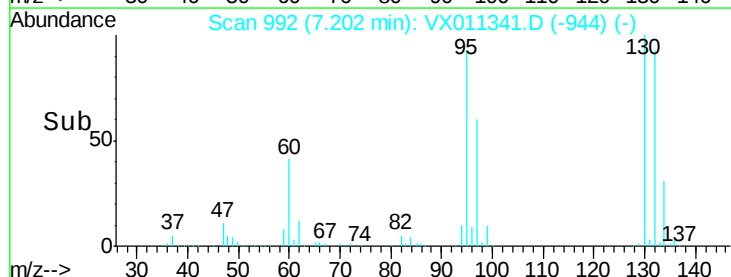
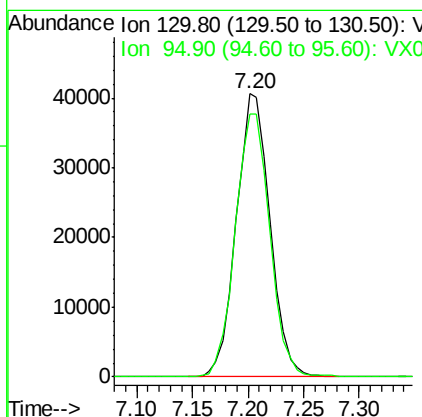
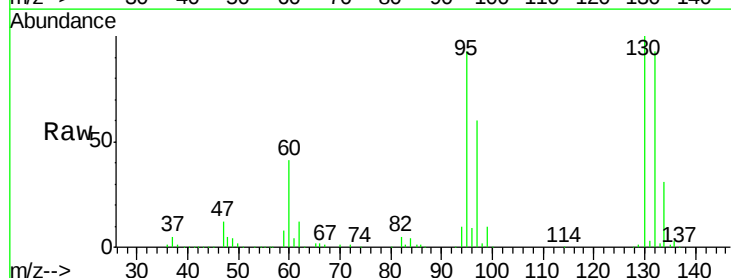
MMDadoda
 8/7/2019 11:25:25 AM

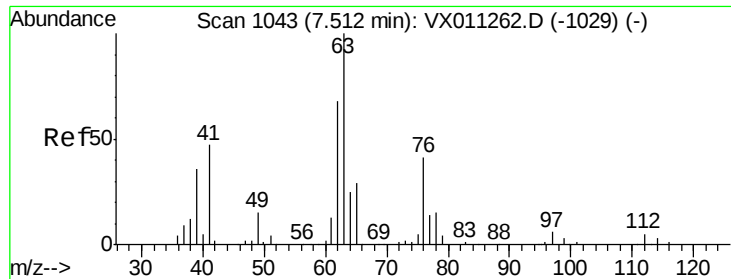


#44

Trichloroethene
 Concen: 46.685 ug/l
 RT: 7.20 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion	130	95
Resp	85325	
Ratio	100	92.7
Lower		0.0
Upper		182.6





#45

1,2-Dichloropropane

Concen: 46.842 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 73250

Ion Ratio Lower Upper

63 100

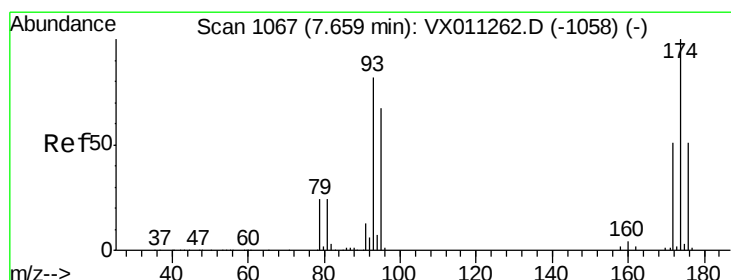
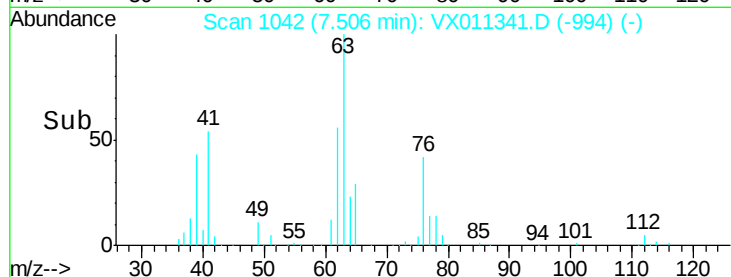
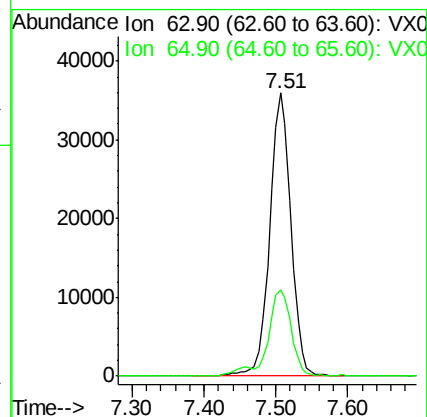
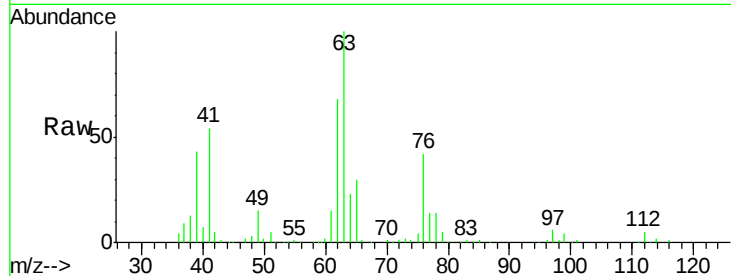
65 30.5 23.3 34.9

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#46

Dibromomethane

Concen: 47.540 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

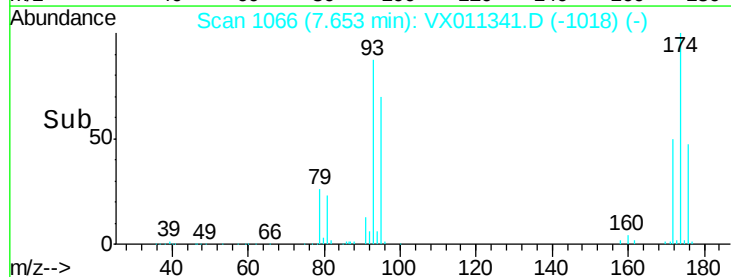
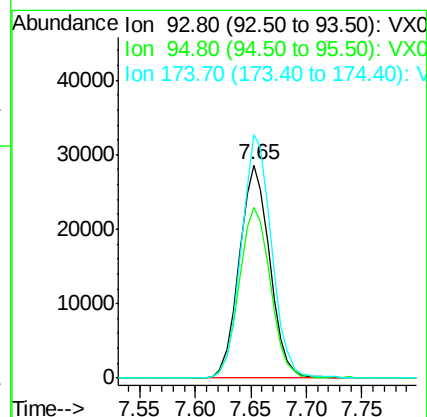
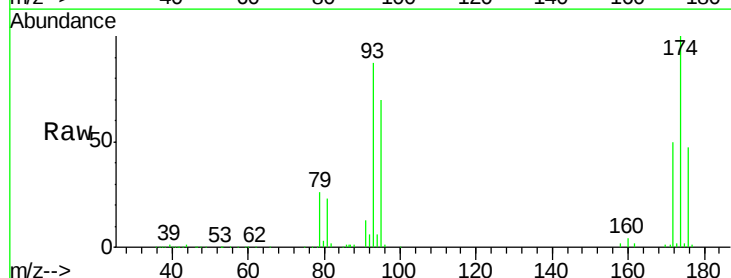
Tgt Ion: 93 Resp: 54271

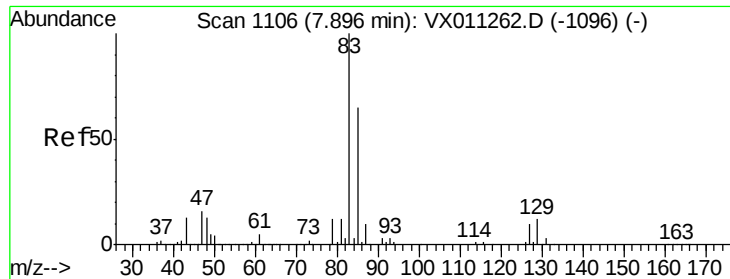
Ion Ratio Lower Upper

93 100

95 81.9 66.4 99.6

174 113.4 93.4 140.2





#47

Bromodichloromethane

Concen: 51.478 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

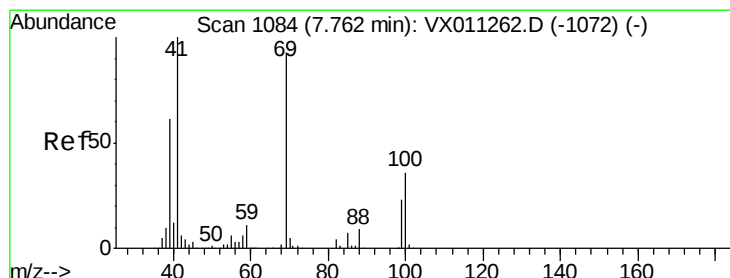
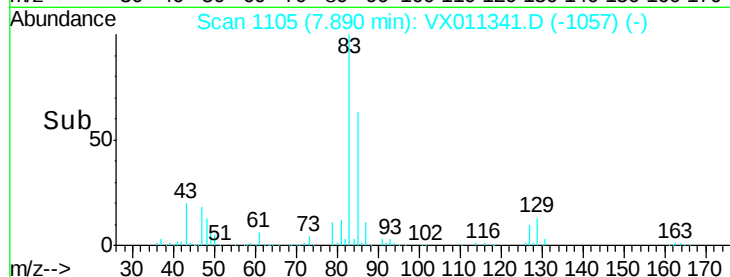
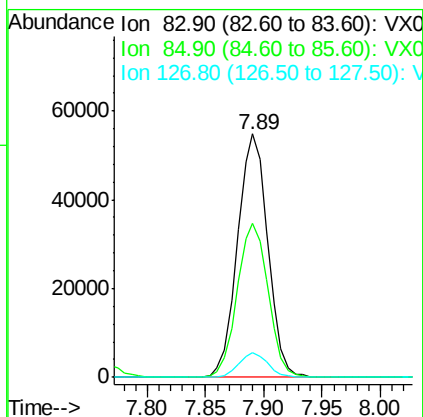
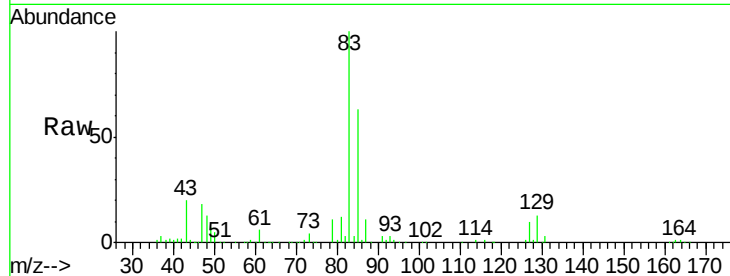
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	99495
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.2
127	10.4	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#48

Methyl methacrylate

Concen: 49.675 ug/l

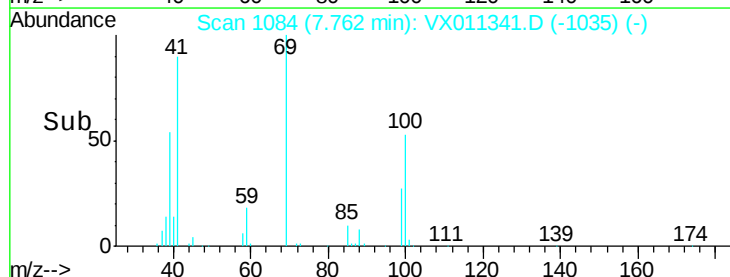
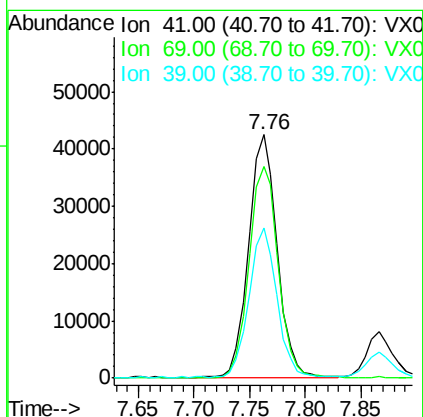
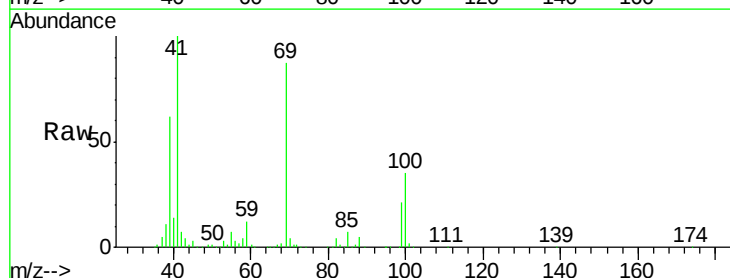
RT: 7.76 min Scan# 1084

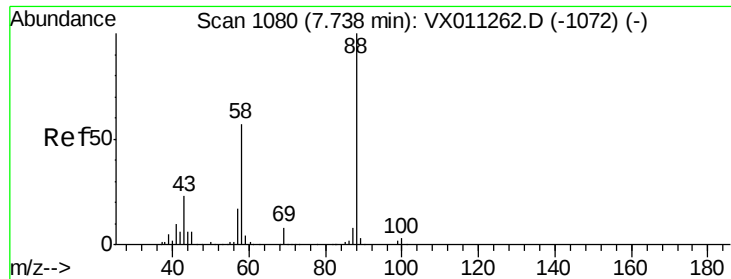
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	41	Resp:	75860
Ion	Ratio	Lower	Upper
41	100		
69	89.6	74.5	111.7
39	60.1	48.6	72.8





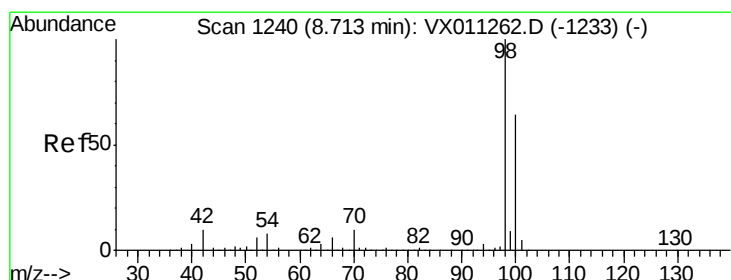
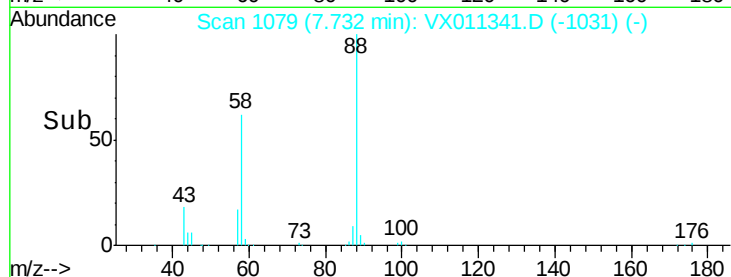
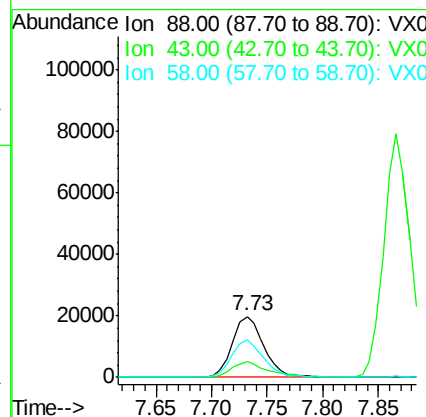
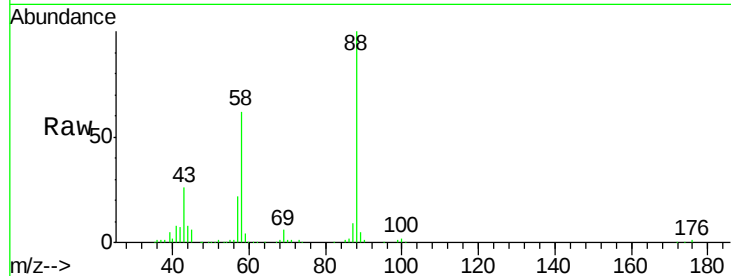
#49
1,4-Dioxane
Concen: 877.353 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.2	33.2
58	61.9	47.8	71.8

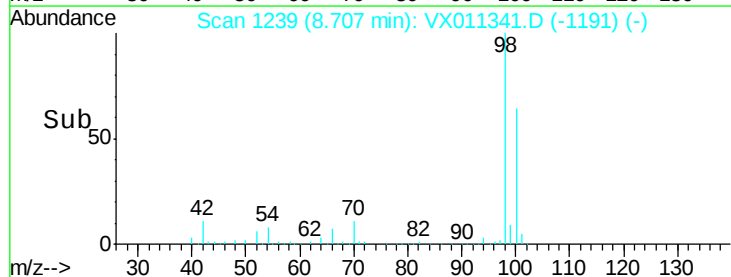
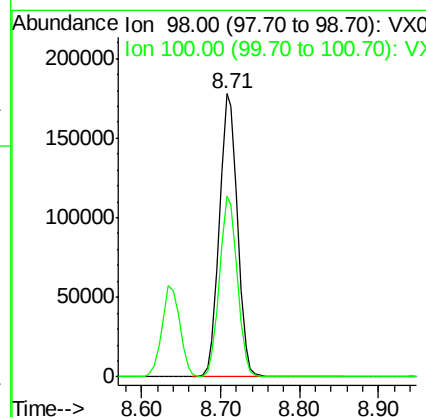
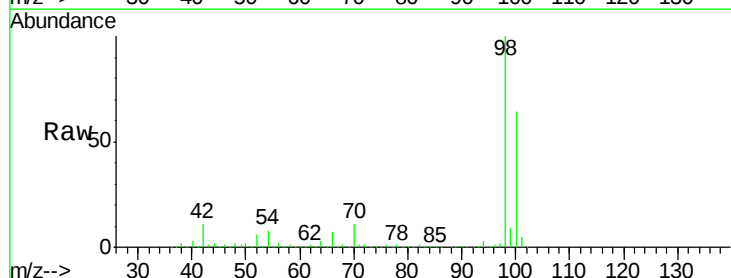
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#50
Toluene-d8
Concen: 49.614 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 249.613 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 522738

Ion Ratio Lower Upper

43 100

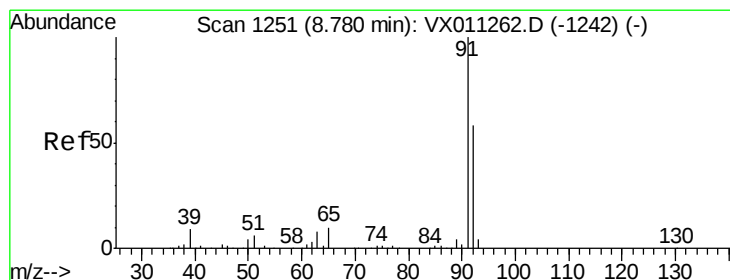
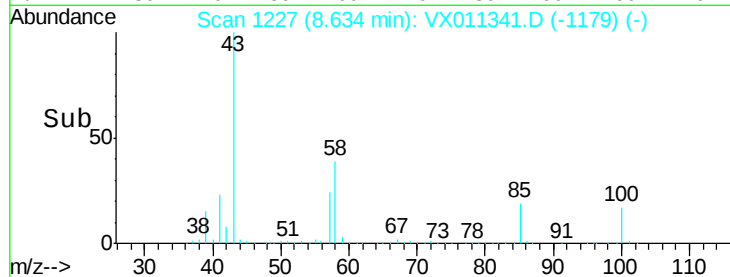
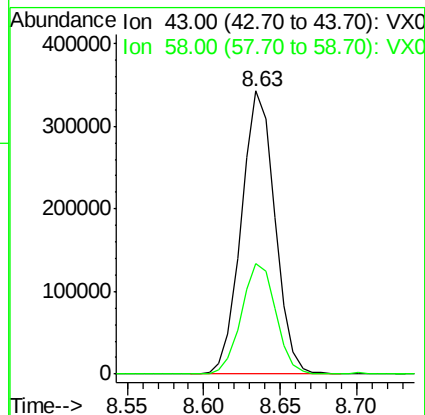
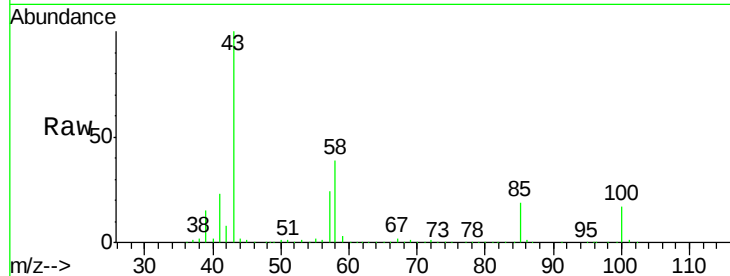
58 39.7 32.3 48.5

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#52

Toluene

Concen: 48.745 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011341.D

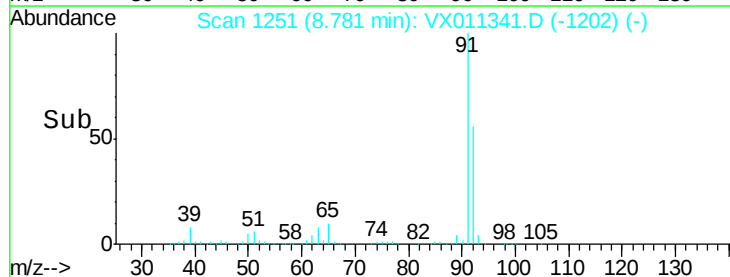
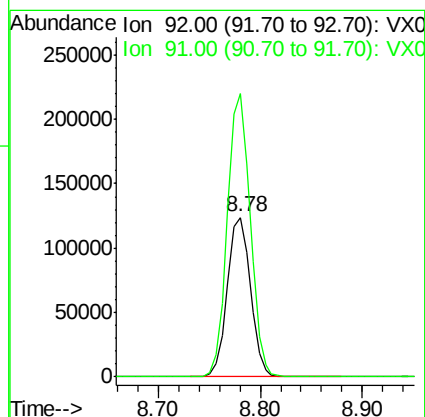
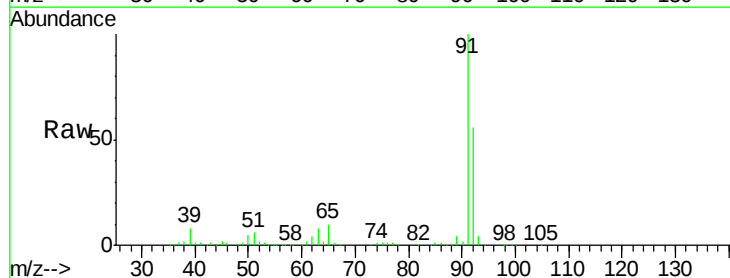
Acq: 06 Aug 2019 09:50

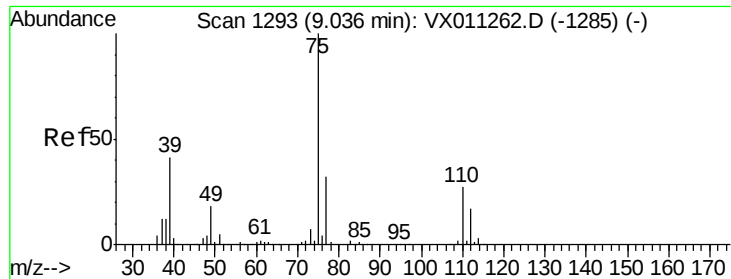
Tgt Ion: 92 Resp: 194602

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 47.874 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 107471

Ion Ratio Lower Upper

75 100

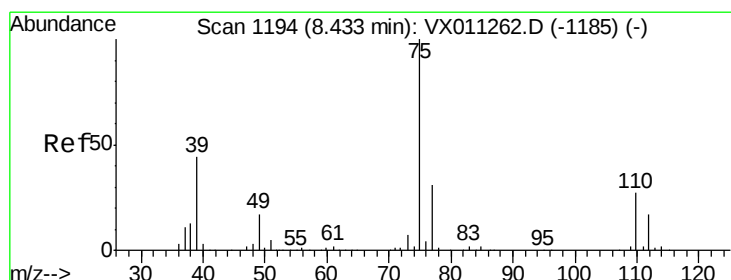
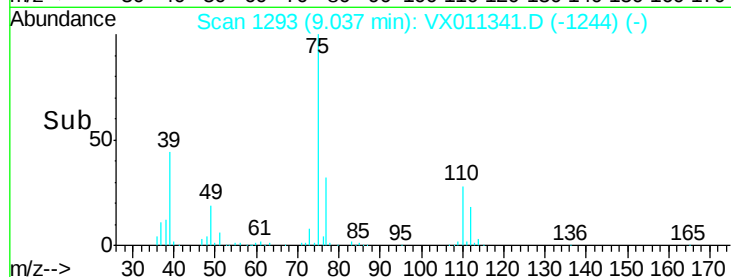
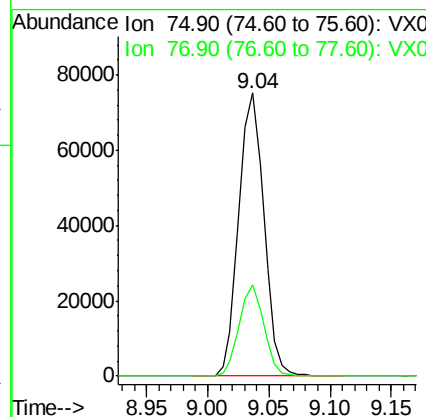
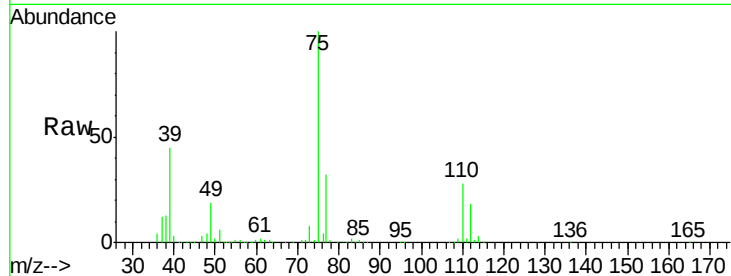
77 32.4 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#54

cis-1,3-Dichloropropene

Concen: 52.302 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

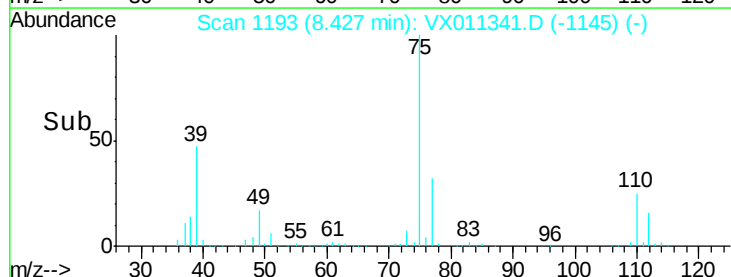
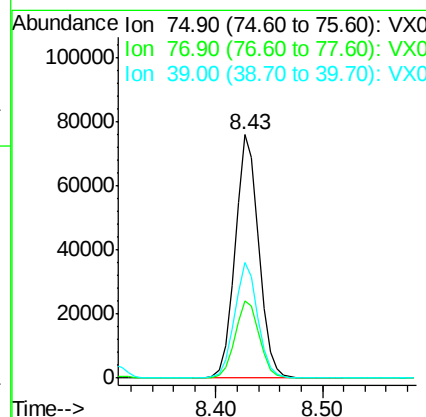
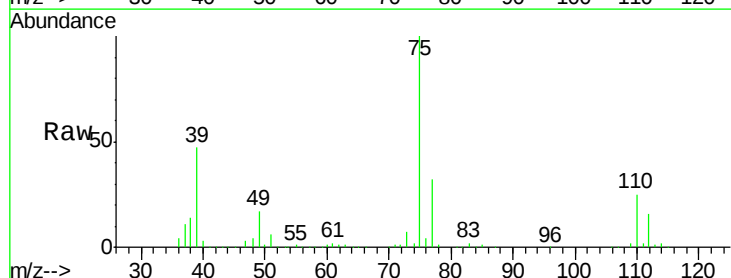
Tgt Ion: 75 Resp: 118085

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 47.1 35.3 52.9





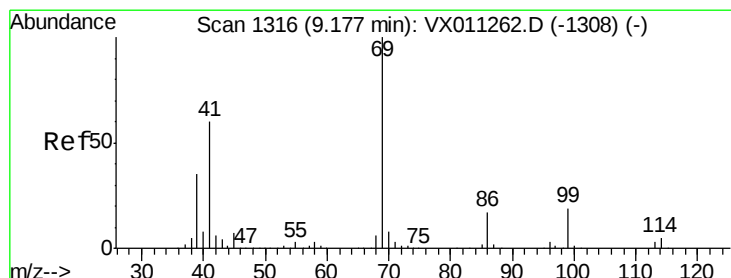
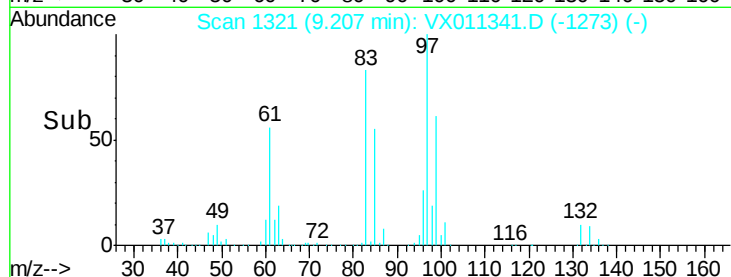
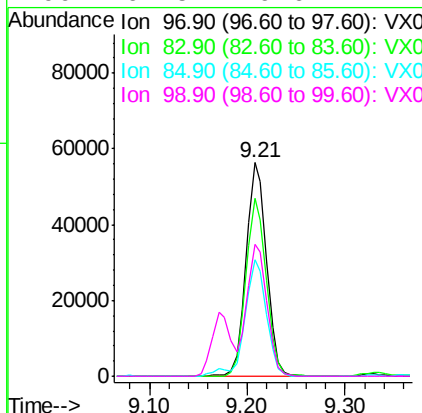
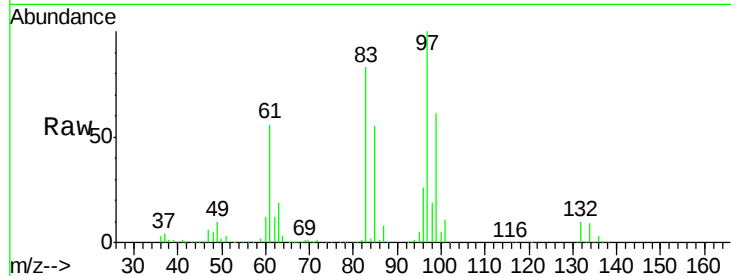
#55
 1,1,2-Trichloroethane
 Concen: 49.667 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	81525
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	54.6	43.4	65.0
99	61.5	49.6	74.4

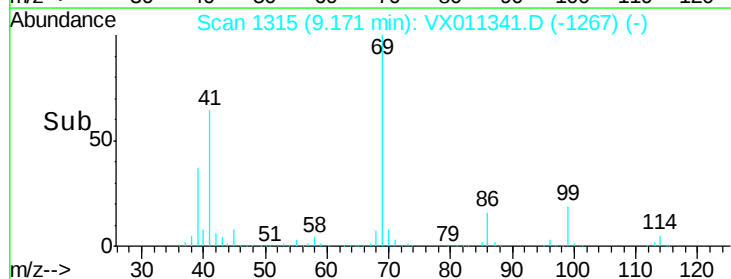
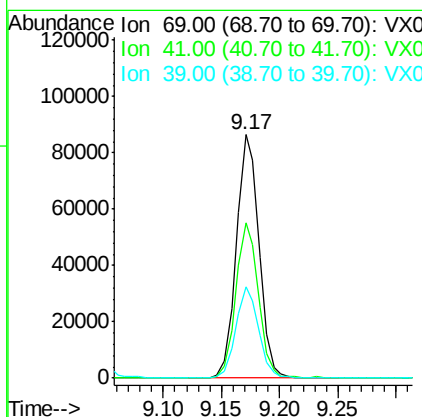
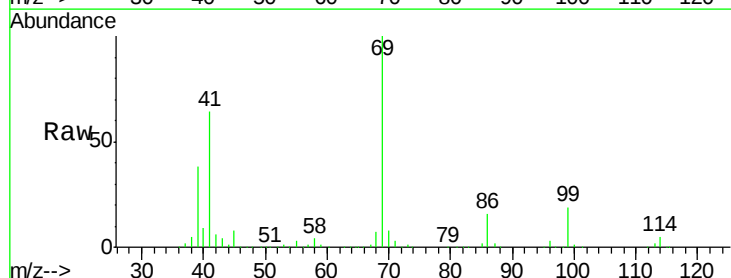
Manual Integrations
 APPROVED

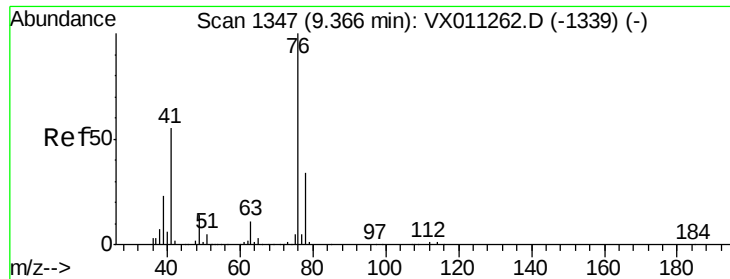
MMDadoda
 8/7/2019 11:25:25 AM



#56
 Ethyl methacrylate
 Concen: 50.159 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion:	69	Resp:	117329
Ion	Ratio	Lower	Upper
69	100		
41	63.2	48.6	73.0
39	37.2	29.4	44.2





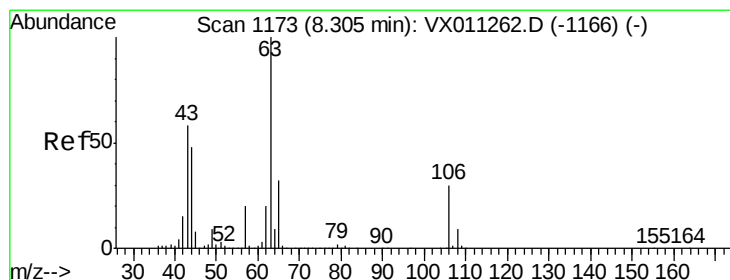
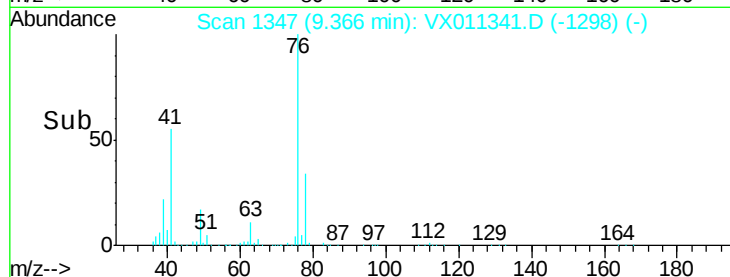
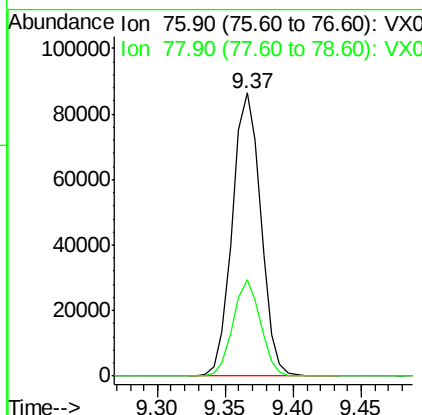
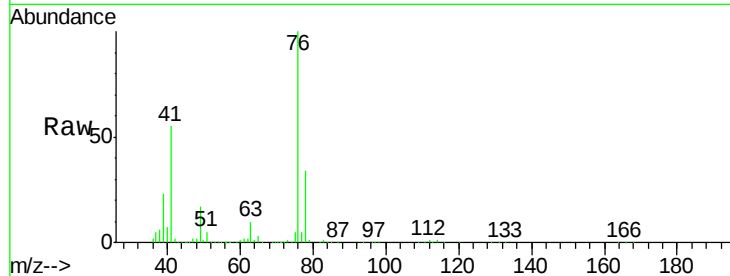
#57
 1,3-Dichloropropane
 Concen: 48.633 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 126247
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.6 40.0

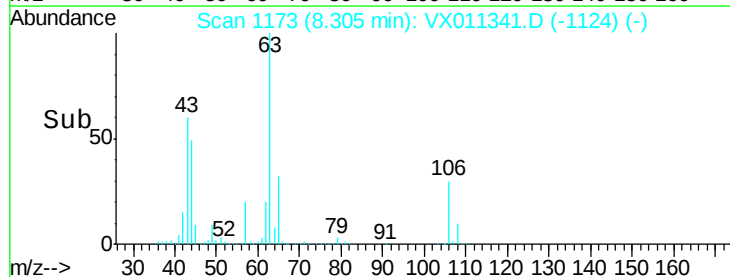
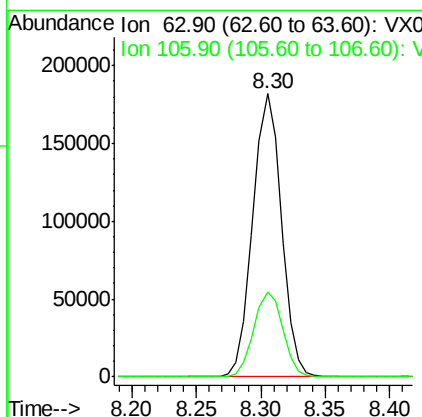
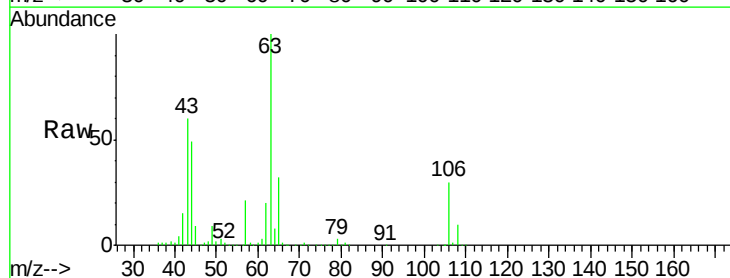
Manual Integrations
 APPROVED

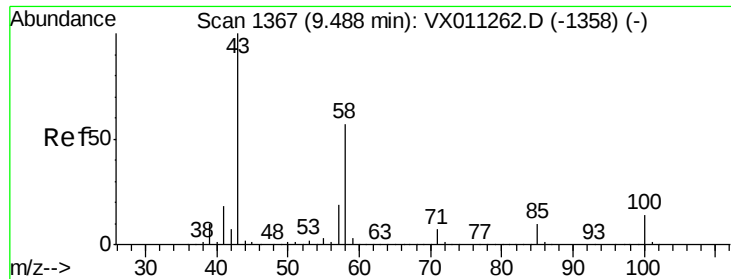
MMDadoda
 8/7/2019 11:25:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.836 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion: 63 Resp: 279293
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.4 36.6





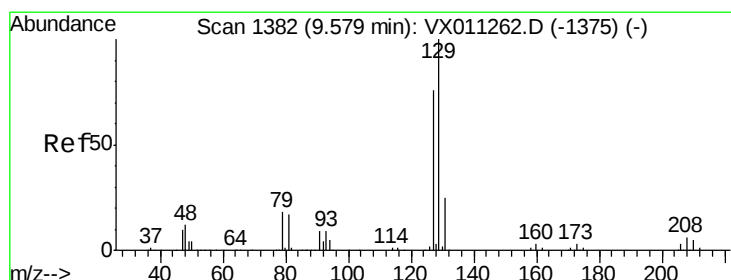
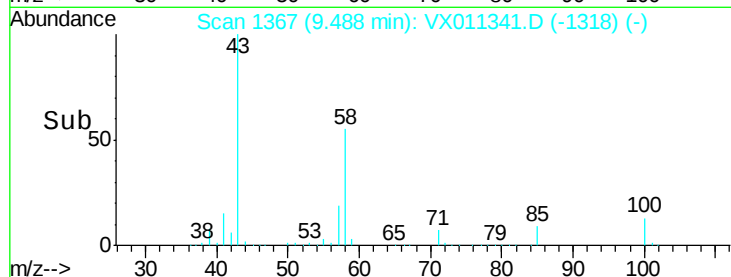
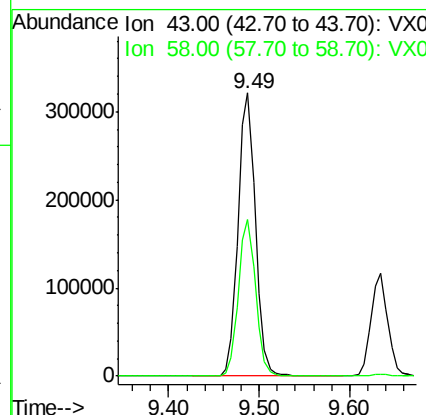
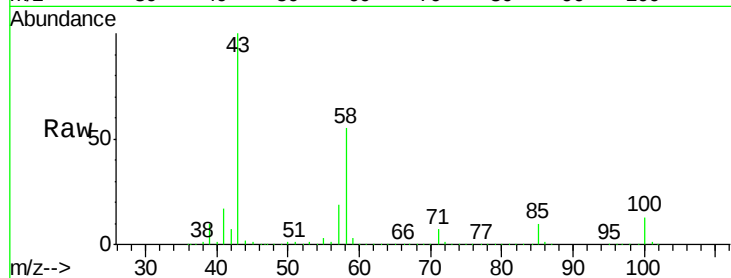
#59
2-Hexanone
Concen: 262.774 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	28.2	84.6

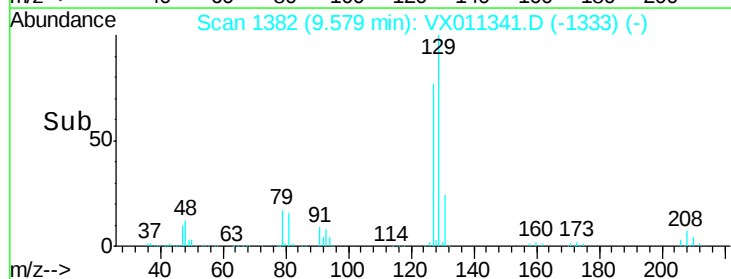
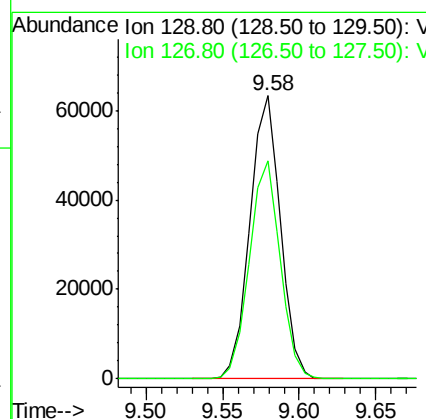
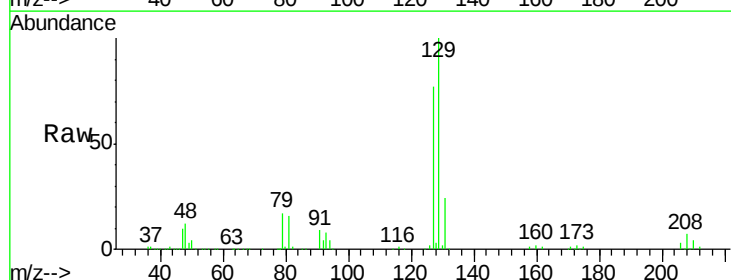
Manual Integrations
APPROVED

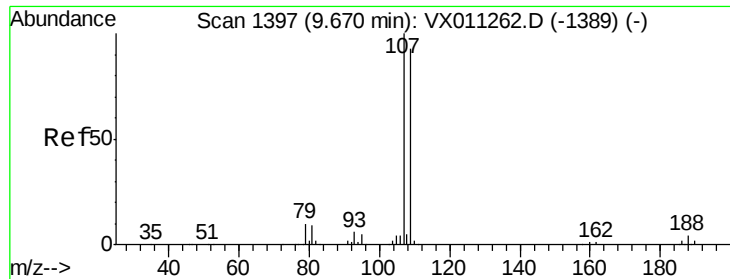
MMDadoda
8/7/2019 11:25:25 AM



#60
Dibromochloromethane
Concen: 52.203 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.2	117.6





#61

1,2-Dibromoethane

Concen: 48.861 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 86650

Ion Ratio Lower Upper

107 100

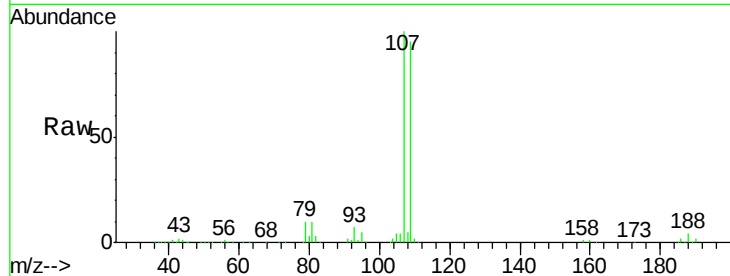
109 94.3 76.6 114.8

Manual Integrations

APPROVED

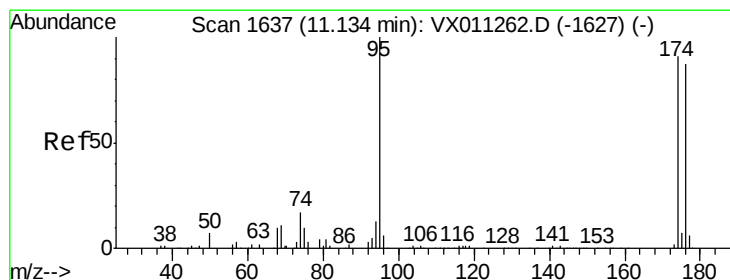
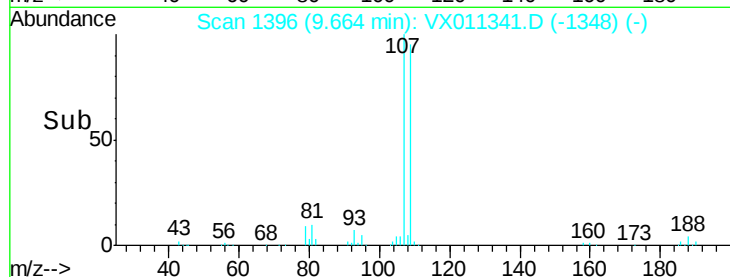
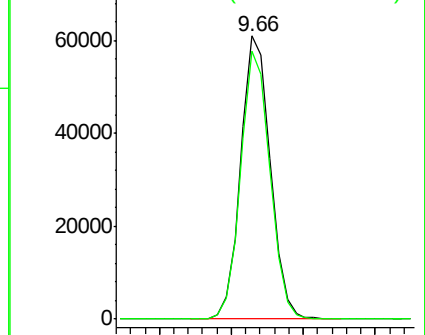
MMDadoda

8/7/2019 11:25:25 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

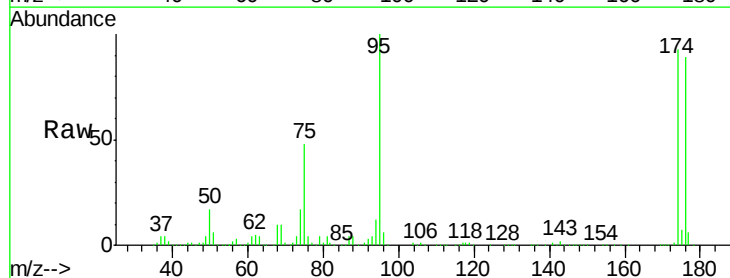
Tgt Ion: 95 Resp: 106289

Ion Ratio Lower Upper

95 100

174 91.9 0.0 191.2

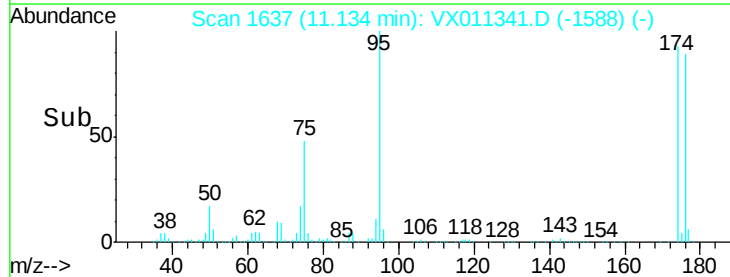
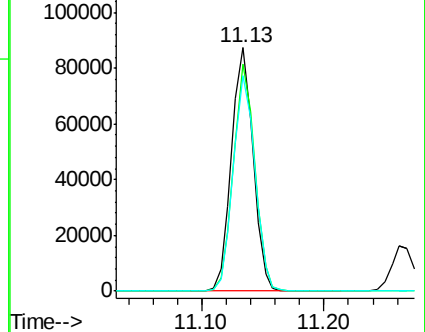
176 89.5 0.0 184.8

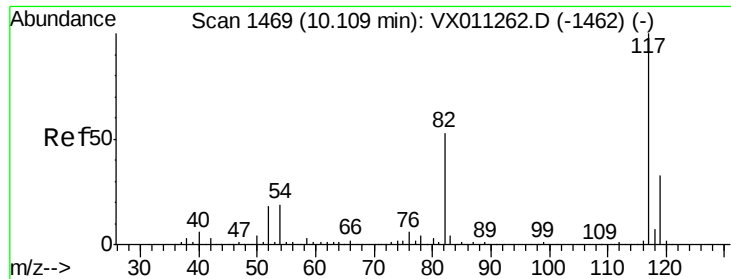


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





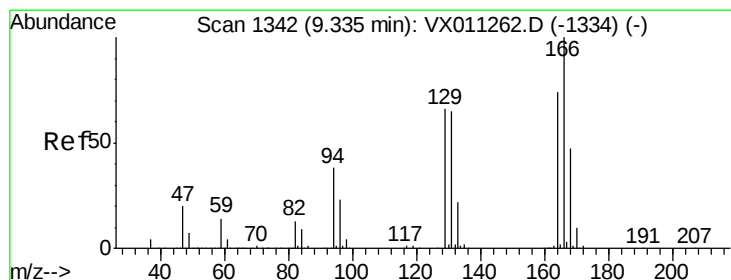
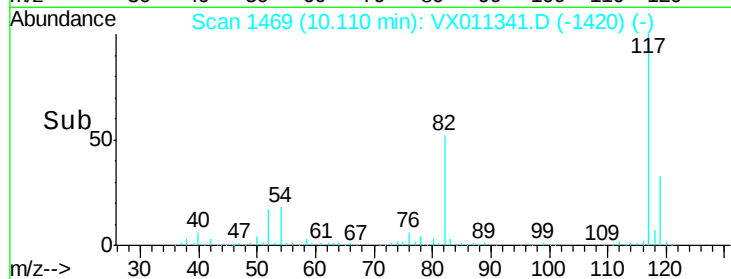
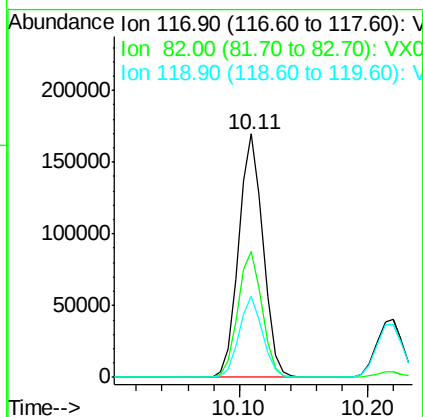
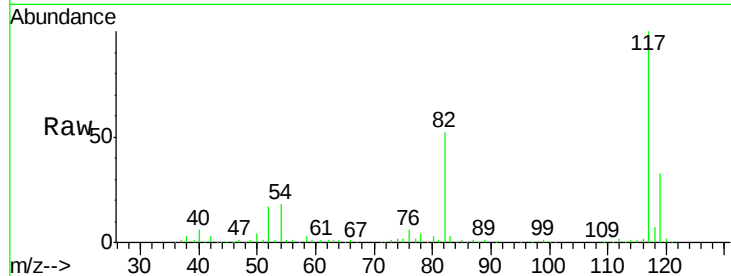
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.2
119	33.2	26.6	39.8

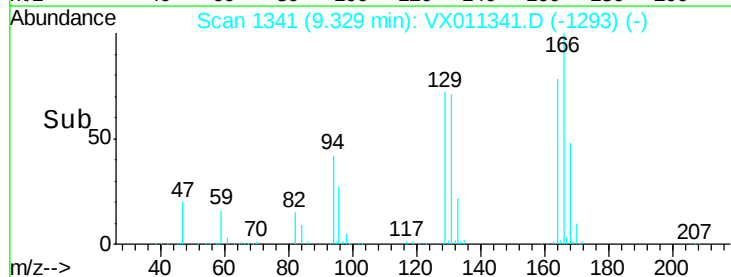
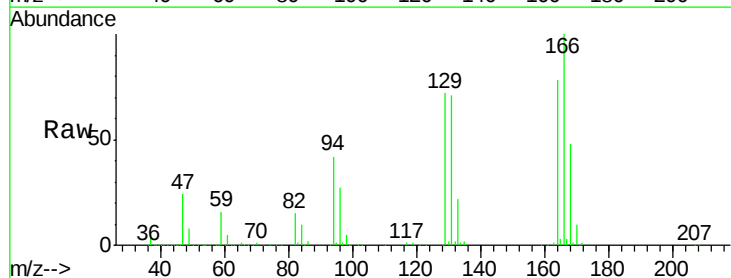
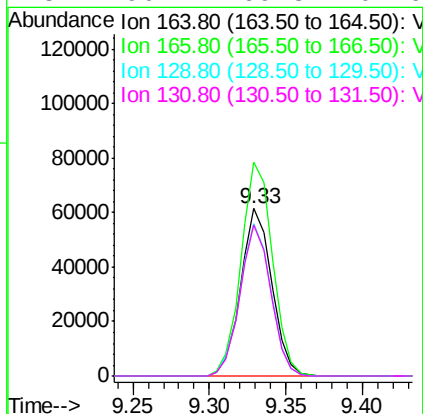
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#64
Tetrachloroethene
Concen: 46.129 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	107.5	161.3
129	91.4	71.0	106.4
131	90.4	69.8	104.6





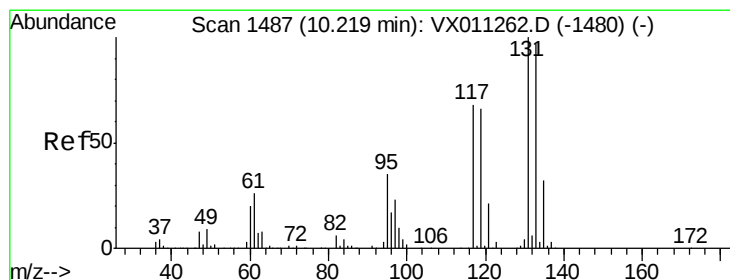
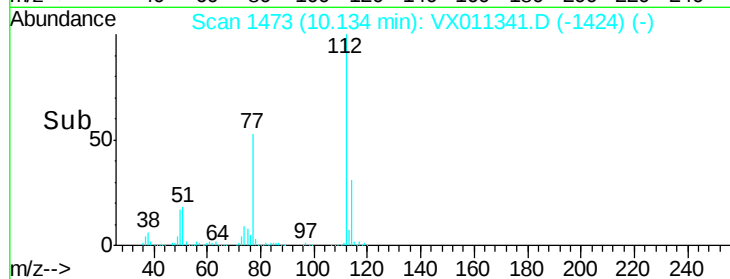
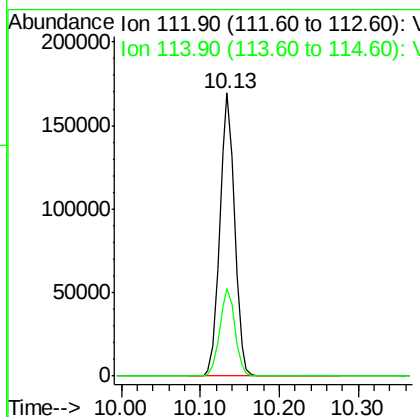
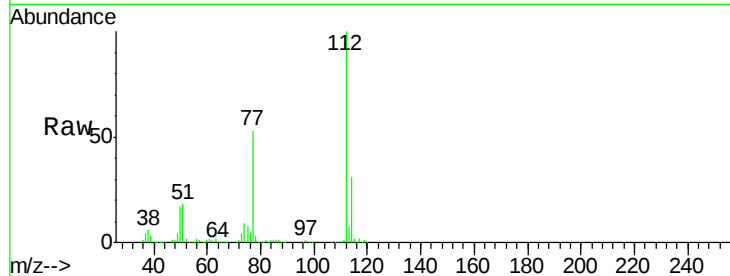
#65
Chlorobenzene
Concen: 46.723 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.9	38.9

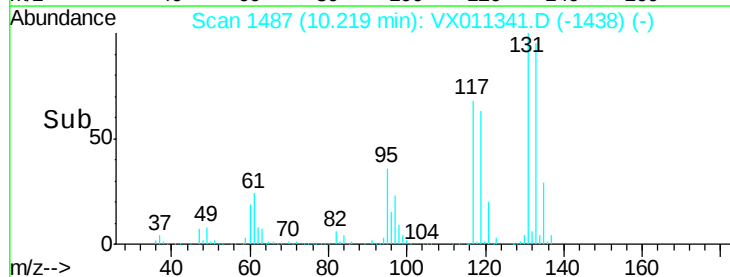
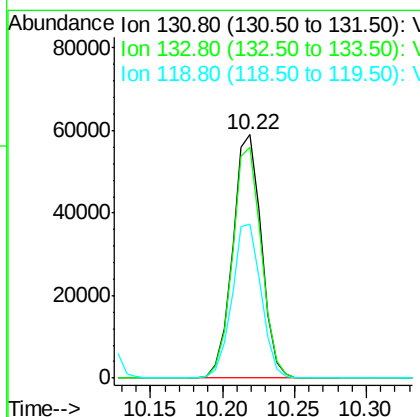
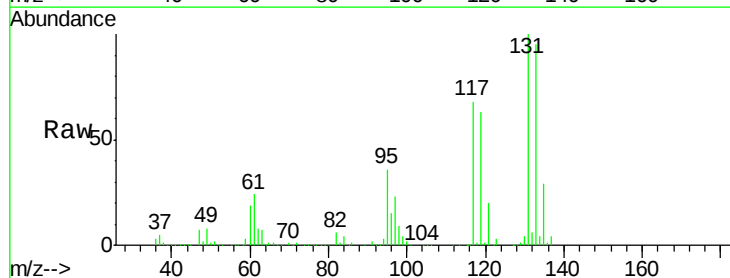
Manual Integrations
APPROVED

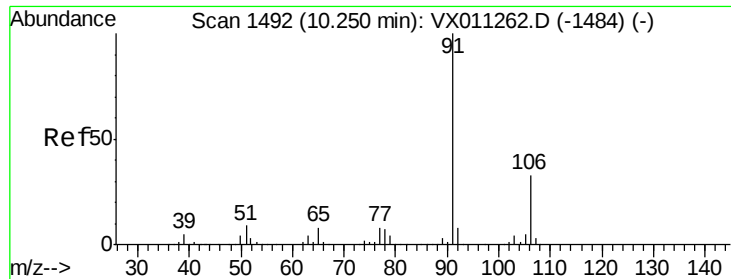
MMDadoda
8/7/2019 11:25:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.458 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.7	143.1
119	64.0	32.8	98.3





#67

Ethyl Benzene

Concen: 48.312 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 384335

Ion Ratio Lower Upper

91 100

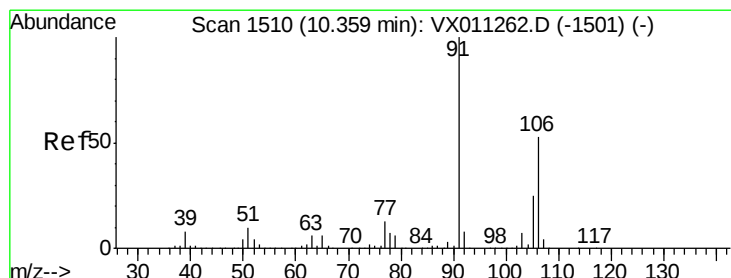
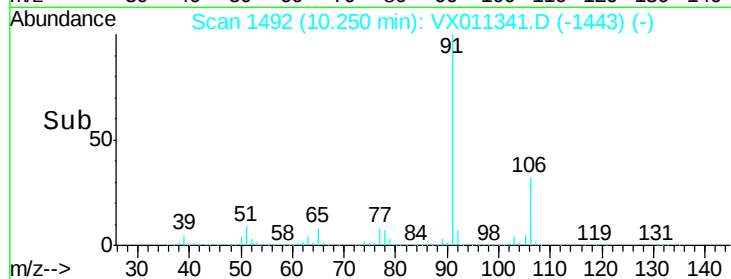
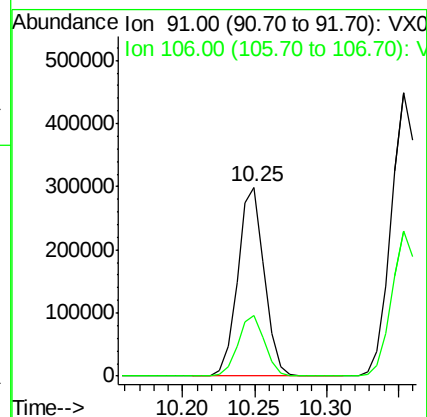
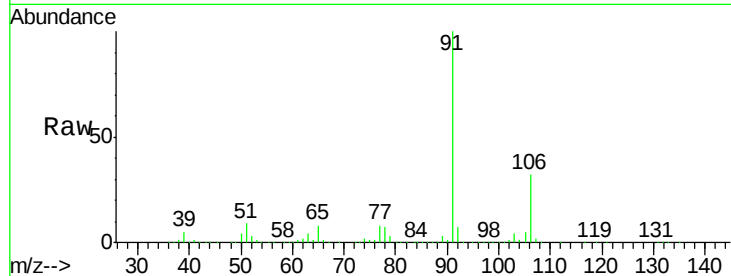
106 32.1 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#68

m/p-Xylenes

Concen: 96.948 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011341.D

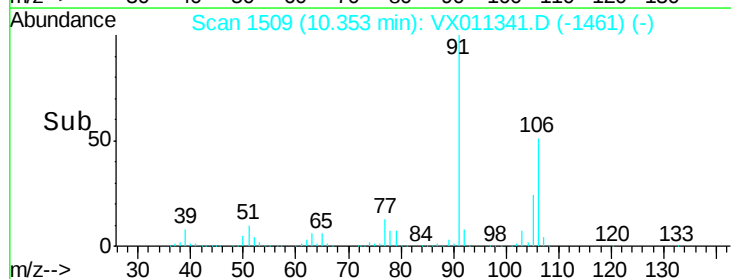
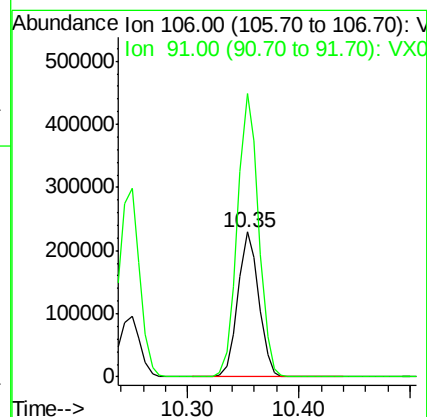
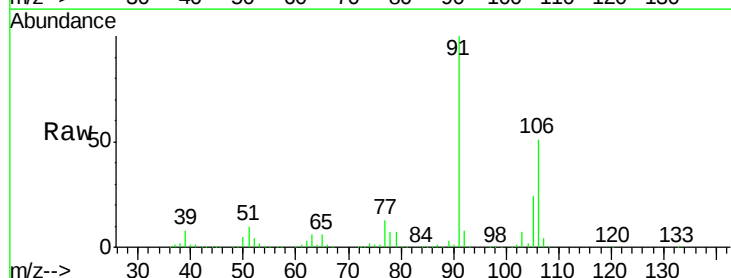
Acq: 06 Aug 2019 09:50

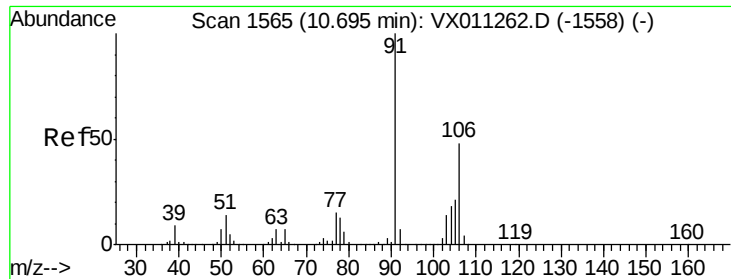
Tgt Ion: 106 Resp: 298314

Ion Ratio Lower Upper

106 100

91 197.7 155.9 233.9





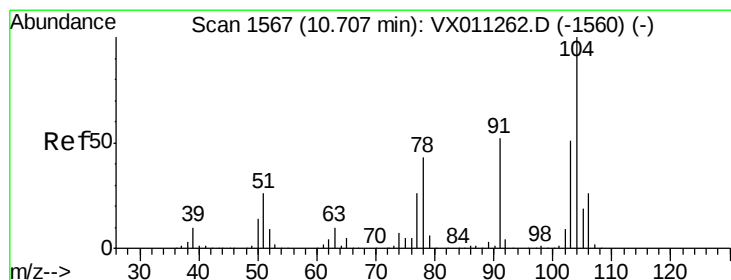
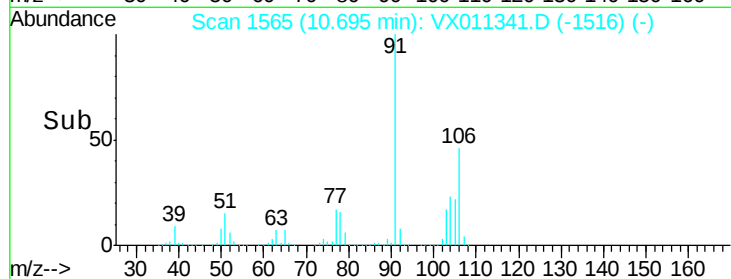
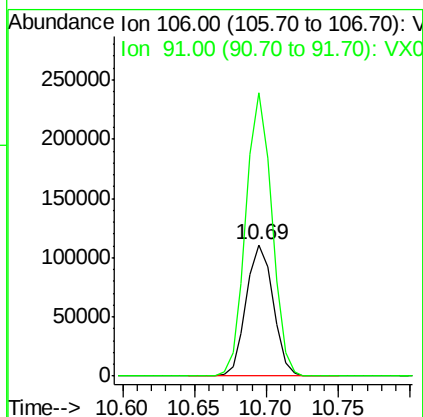
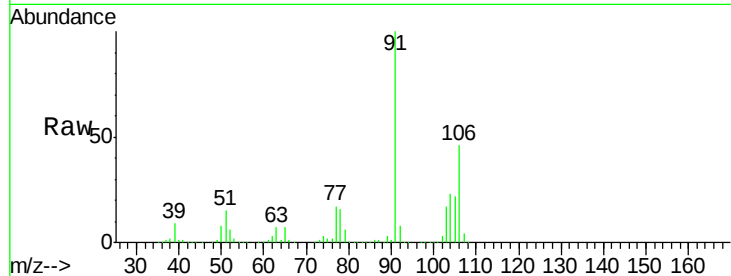
#69
o-Xylene
Concen: 47.341 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	143128		
91	209.3	103.8	311.3		

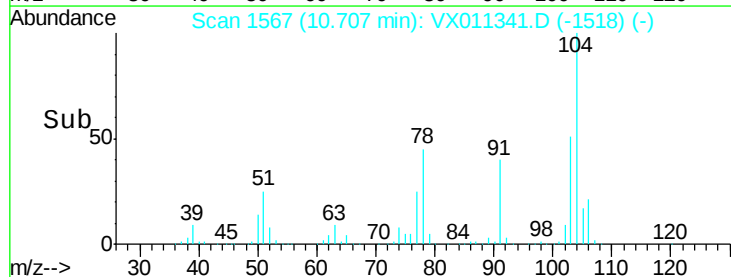
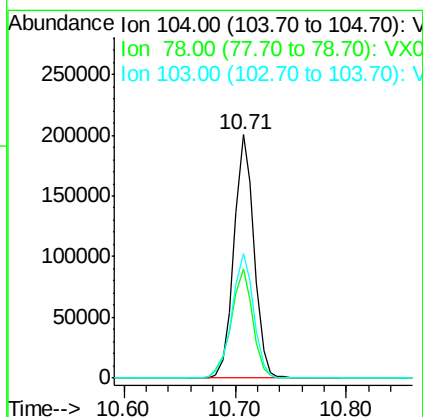
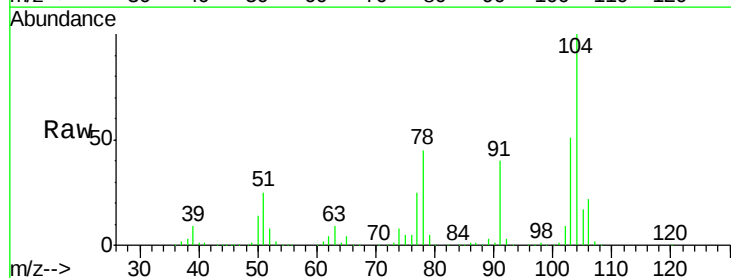
Manual Integrations
APPROVED

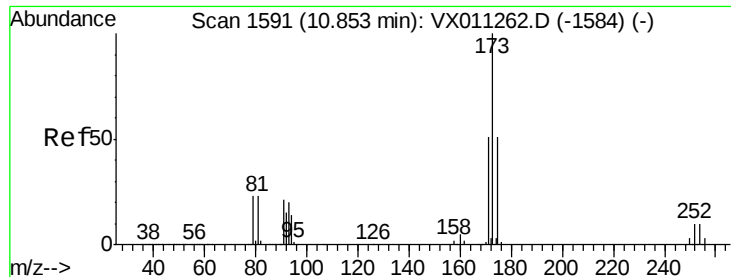
MMDadoda
8/7/2019 11:25:25 AM



#70
Styrene
Concen: 49.790 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	249078		
78	48.2	36.9	55.3		
103	55.7	44.4	66.6		





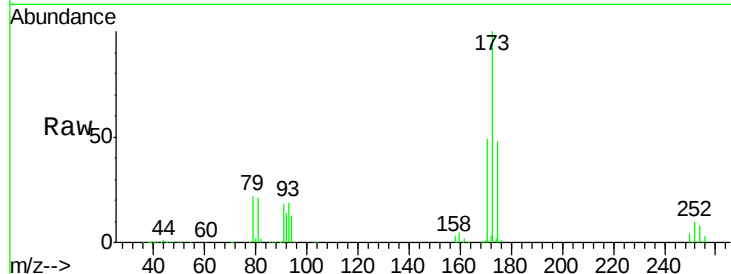
#71
Bromoform
Concen: 46.967 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

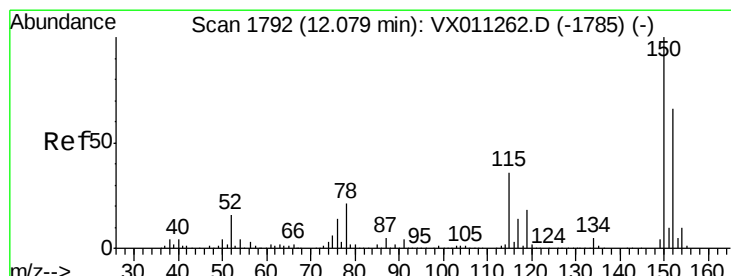
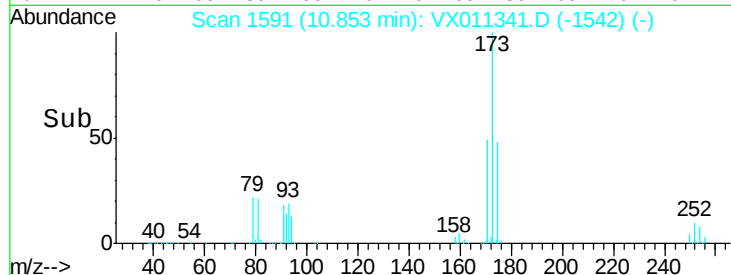
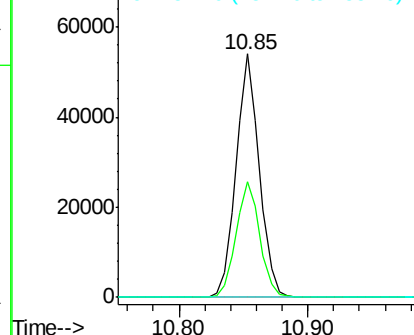
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM

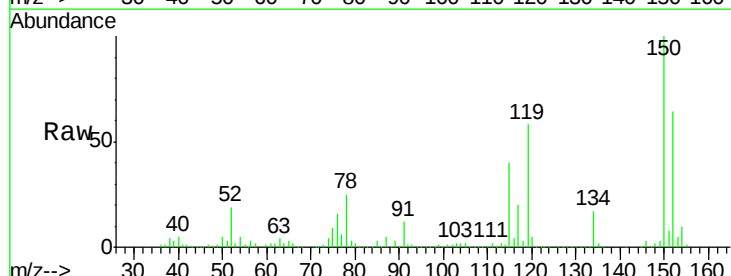


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

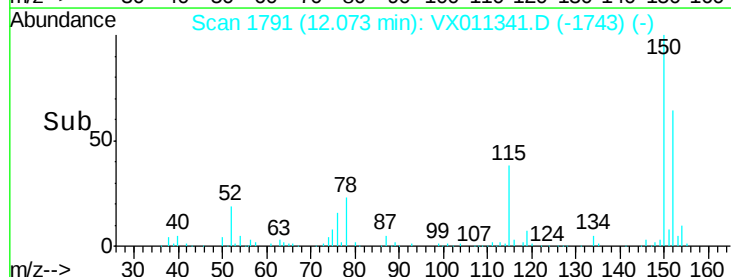
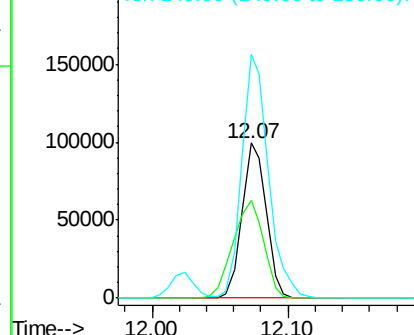


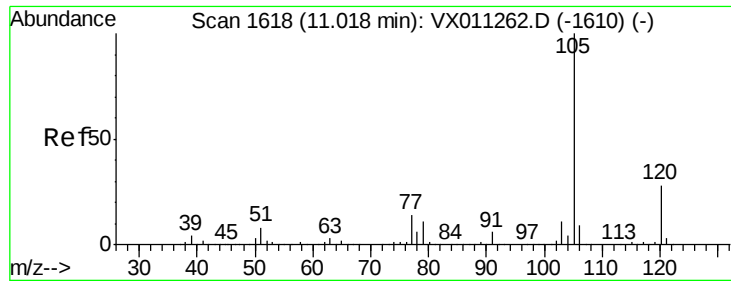
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	40.0	119.9
150	173.8	0.0	350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.351 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 395679

Ion Ratio Lower Upper

105 100

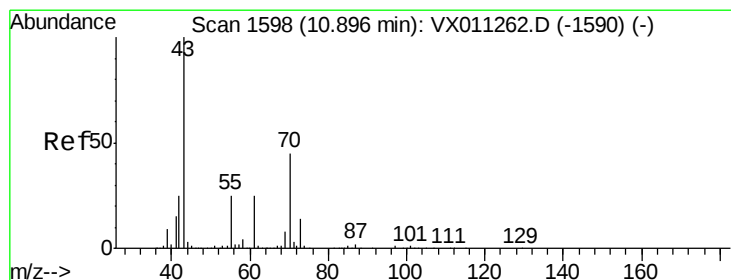
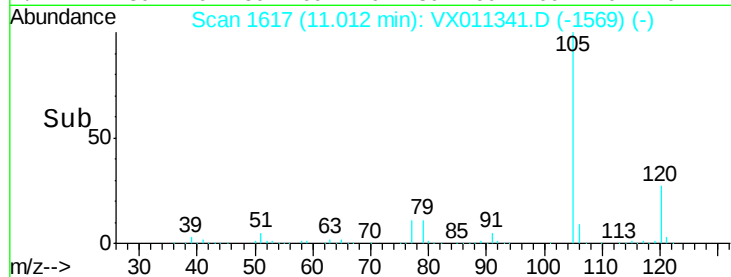
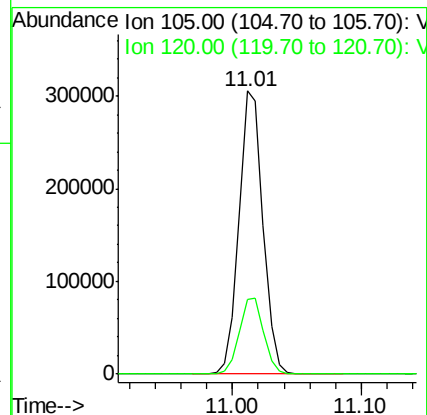
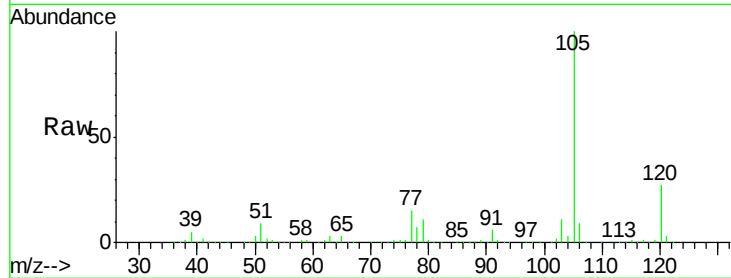
120 27.3 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

8/7/2019 11:25:25 AM



#74

N-ethyl acetate

Concen: 48.914 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion: 43 Resp: 147692

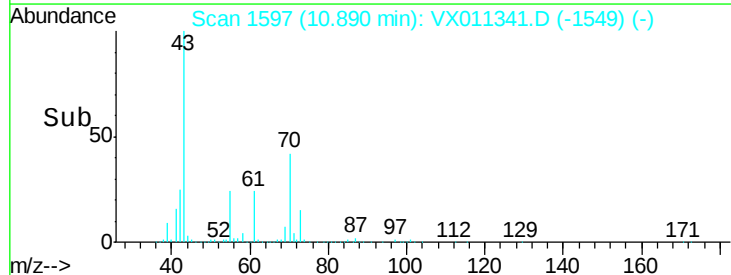
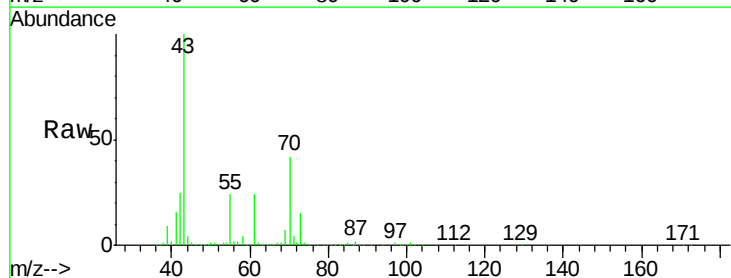
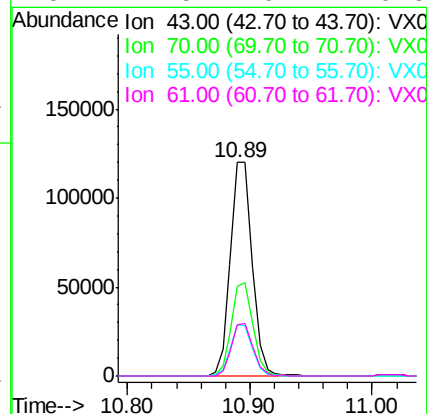
Ion Ratio Lower Upper

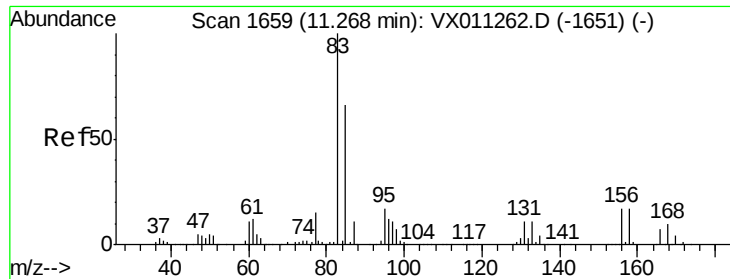
43 100

70 43.3 35.9 53.9

55 24.2 19.8 29.6

61 24.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.080 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

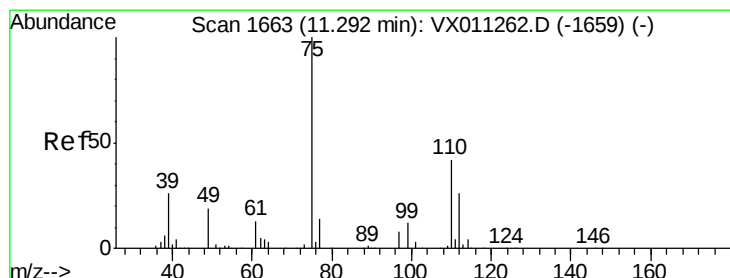
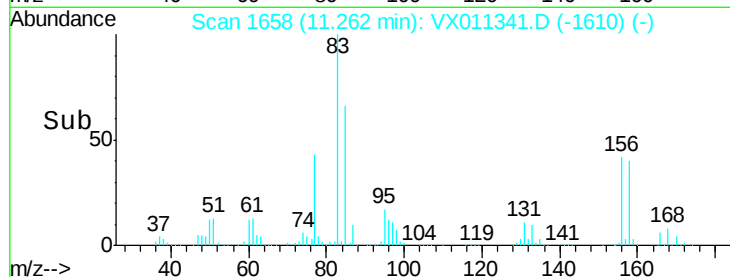
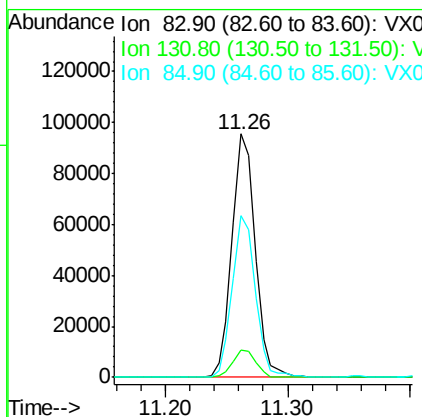
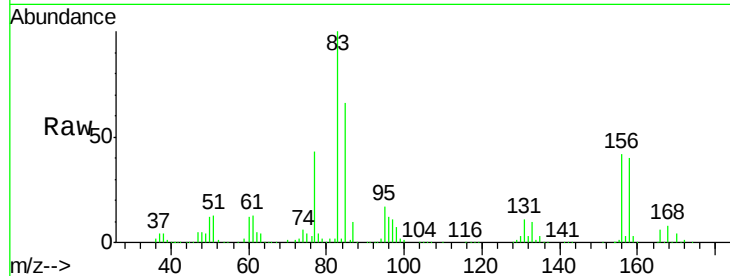
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	125536
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	66.0	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#76

1,2,3-Trichloropropane

Concen: 48.699 ug/l m

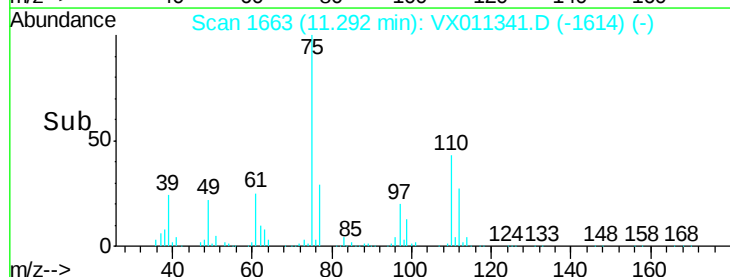
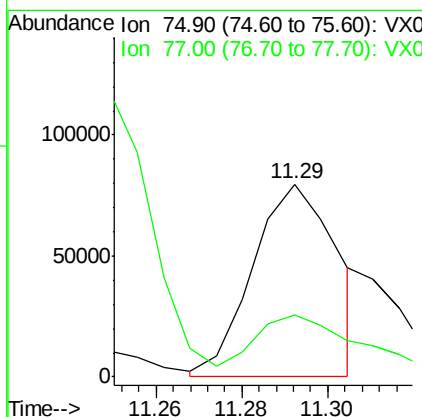
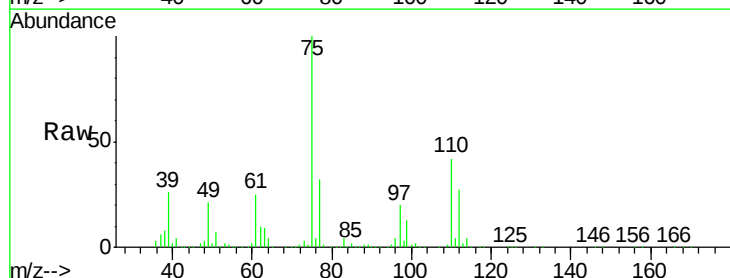
RT: 11.29 min Scan# 1663

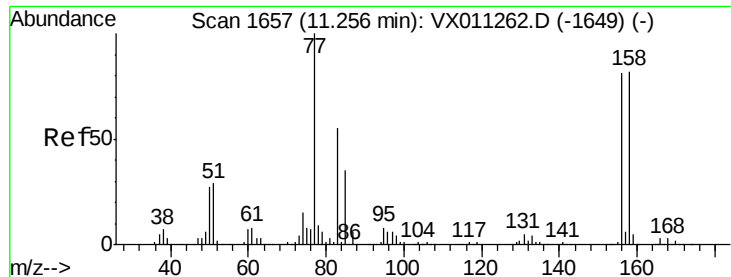
Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	75	Resp:	108360
Ion Ratio	Lower	Upper	
75	100		
77	40.9	21.1	63.4





#77

Bromobenzene

Concen: 46.510 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

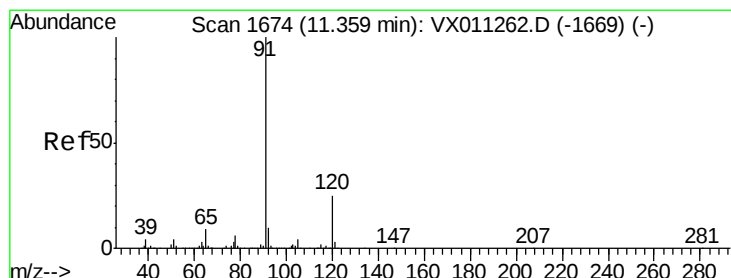
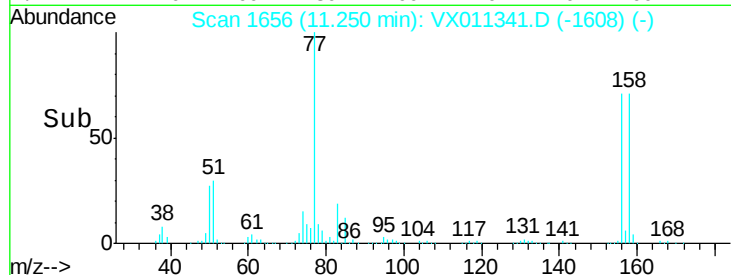
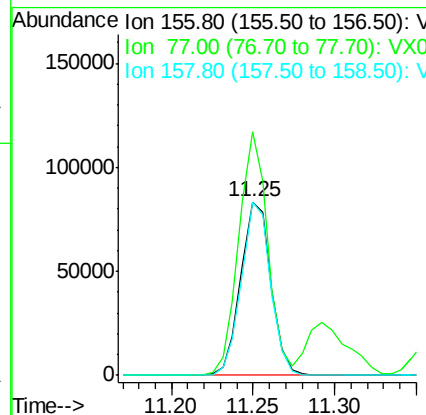
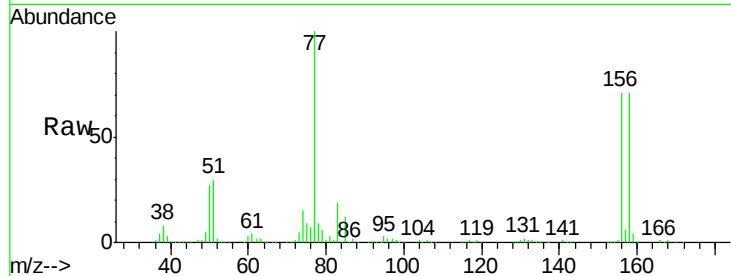
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	107772
Ion Ratio	Lower	Upper	
156	100		
77	134.7	66.2	198.6
158	96.5	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#78

n-propylbenzene

Concen: 48.490 ug/l

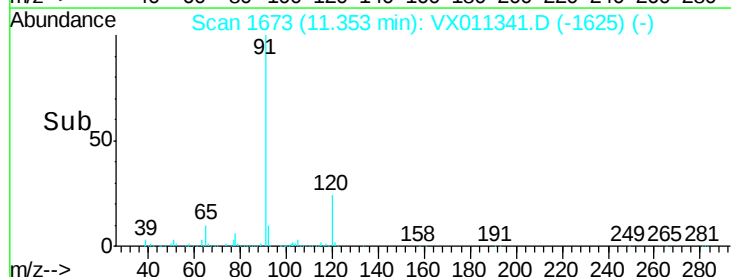
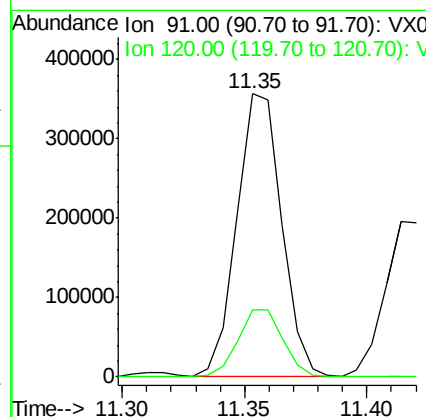
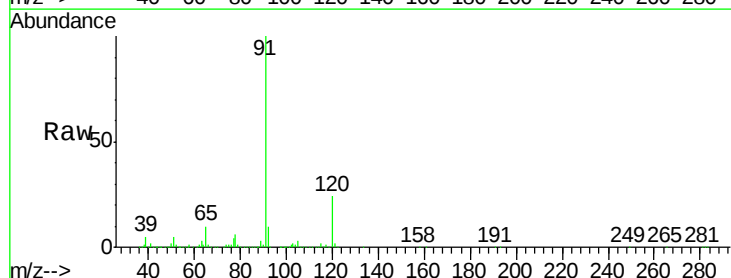
RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Tgt Ion:	91	Resp:	450605
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.4	37.0





#79

2-Chlorotoluene

Concen: 47.073 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 260726

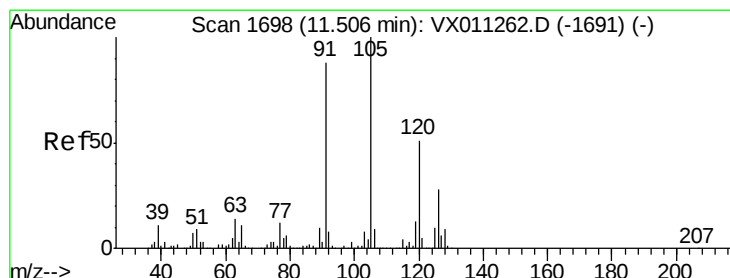
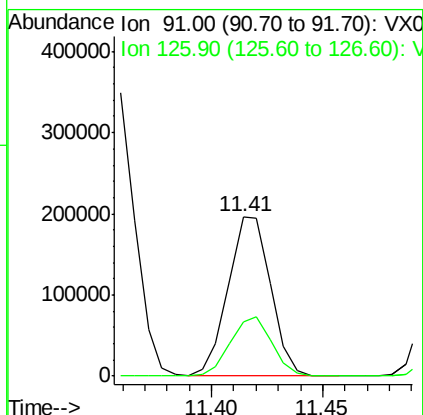
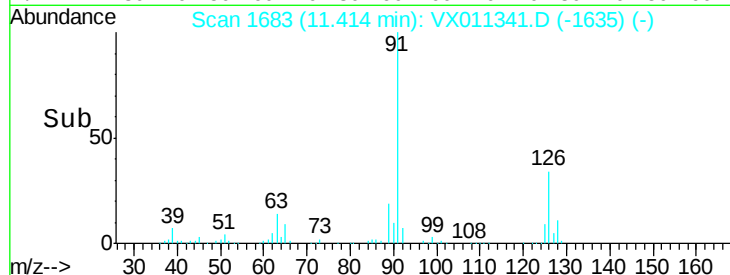
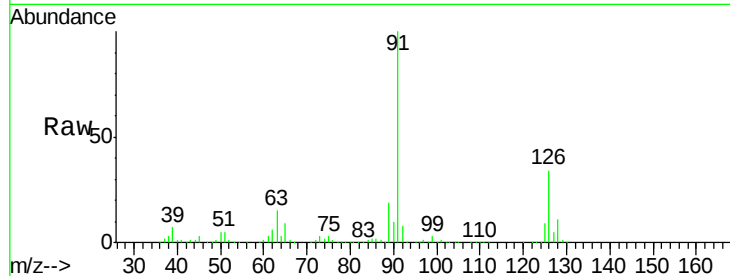
Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#80

1,3,5-Trimethylbenzene

Concen: 48.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011341.D

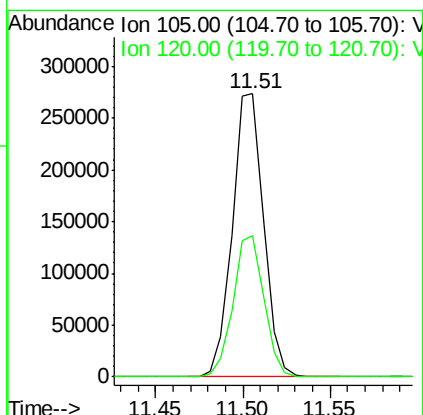
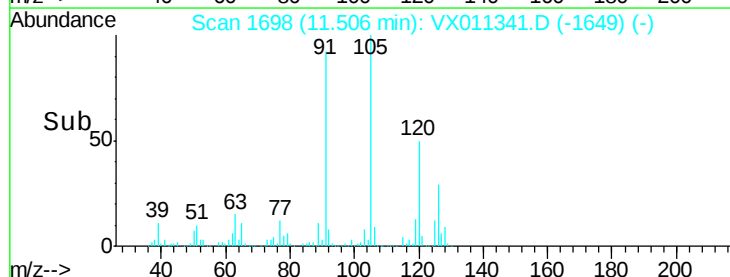
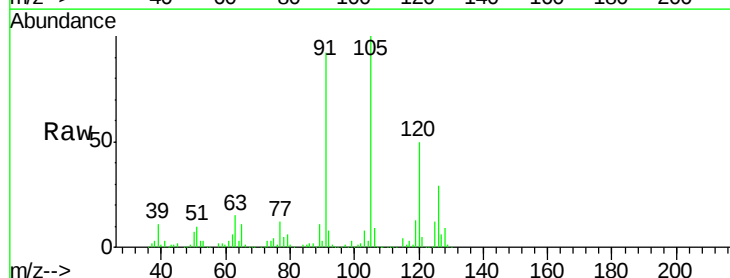
Acq: 06 Aug 2019 09:50

Tgt Ion: 105 Resp: 339109

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2





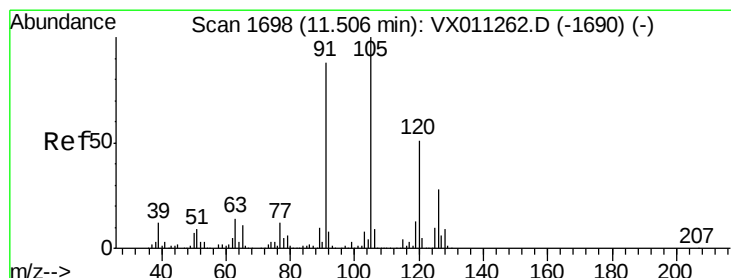
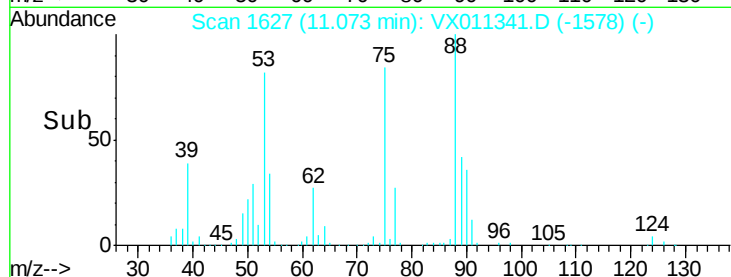
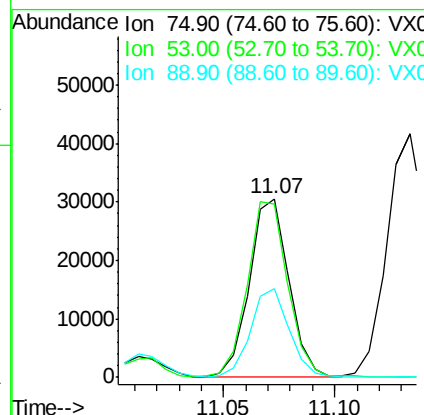
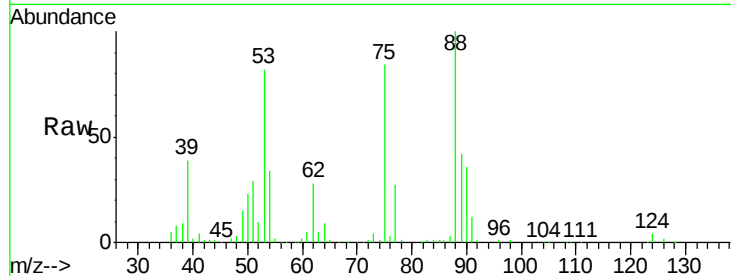
#81
trans-1,4-Dichloro-2-butene
Concen: 45.470 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	78.2	117.4
89	49.1	37.9	56.9

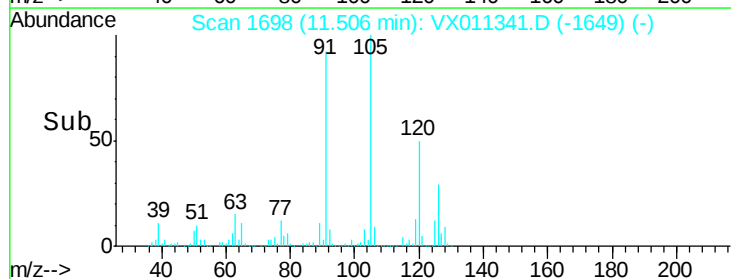
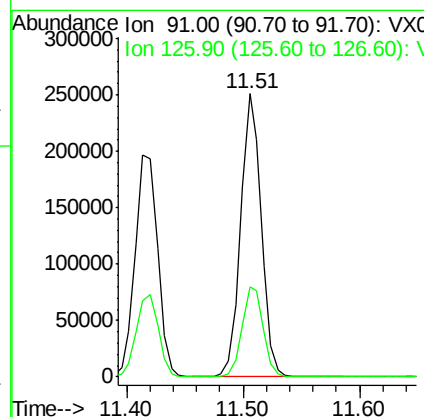
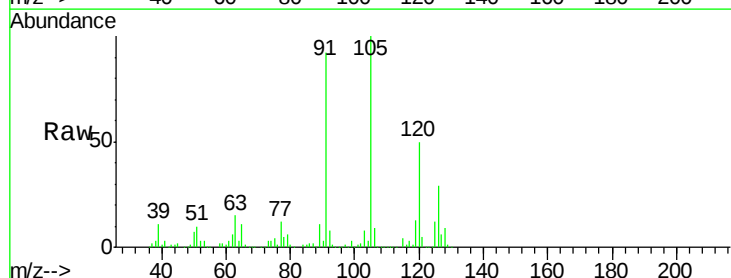
Manual Integrations
APPROVED

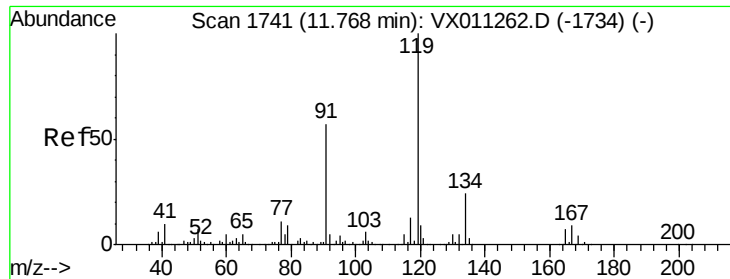
MMDadoda
8/7/2019 11:25:25 AM



#82
4-Chlorotoluene
Concen: 47.785 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.2





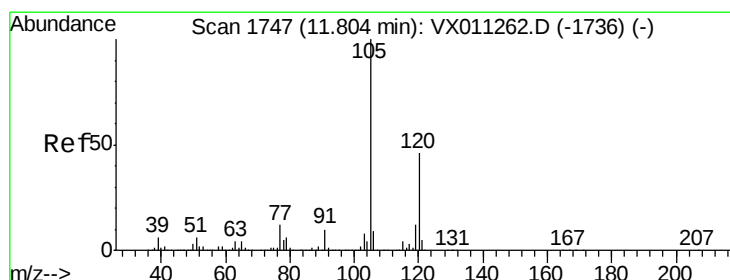
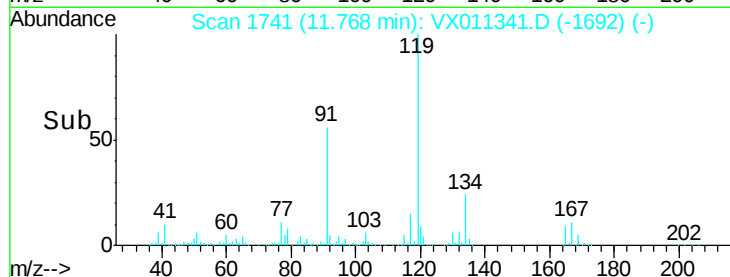
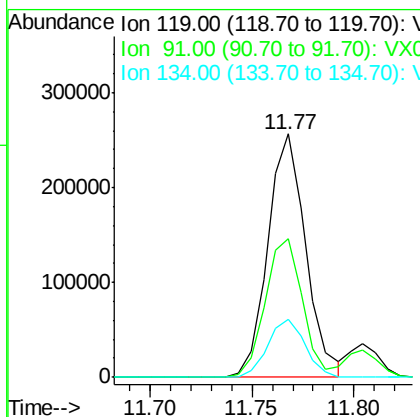
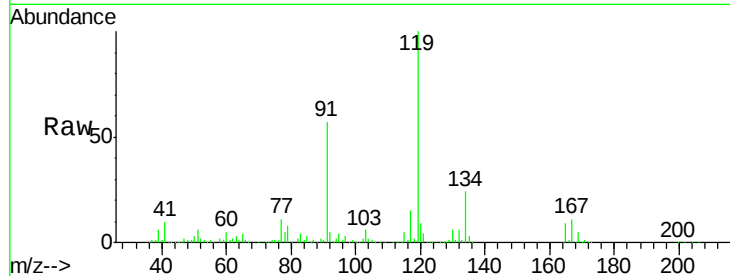
#83
tert-Butylbenzene
Concen: 48.398 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	332047		
91	55.6	28.0	84.0	
134	23.5	11.9	35.5	

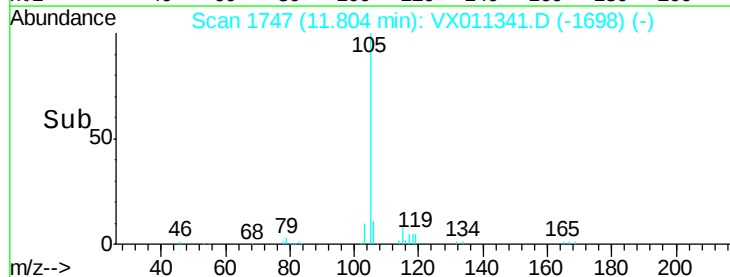
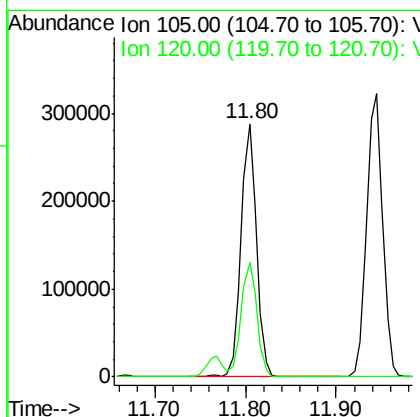
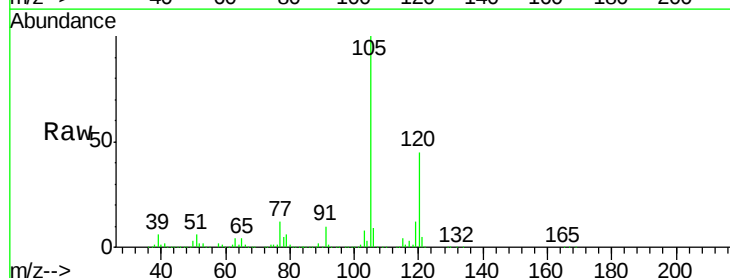
Manual Integrations
APPROVED

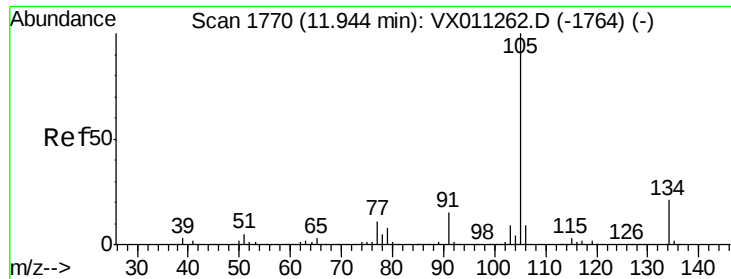
MMDadoda
8/7/2019 11:25:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.935 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340815		
120	46.0	23.0	69.0	





#85

sec-Butylbenzene

Concen: 47.906 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 394880

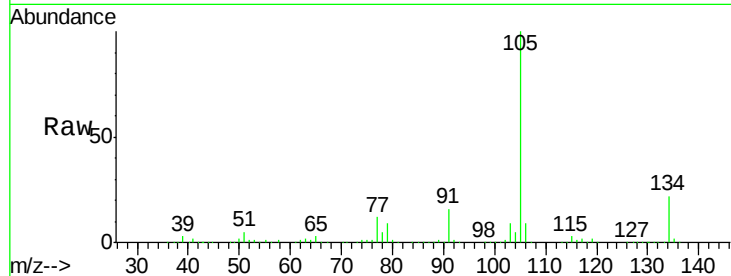
Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.4

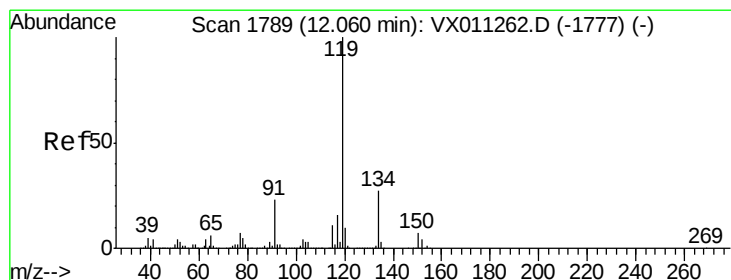
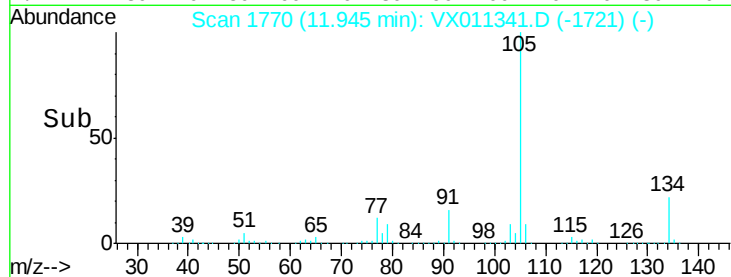
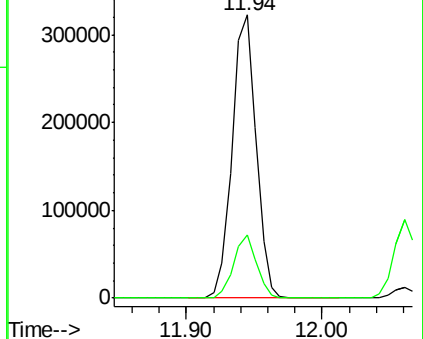
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.382 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011341.D

Acq: 06 Aug 2019 09:50

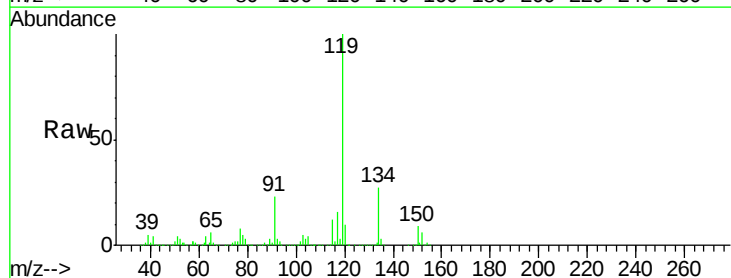
Tgt Ion:119 Resp: 374470

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

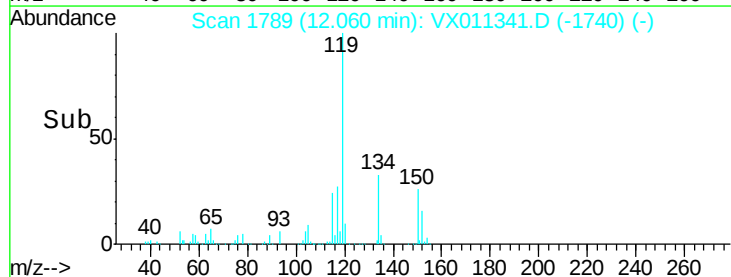
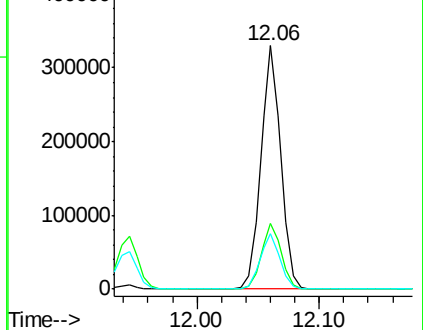
91 22.7 11.4 34.2

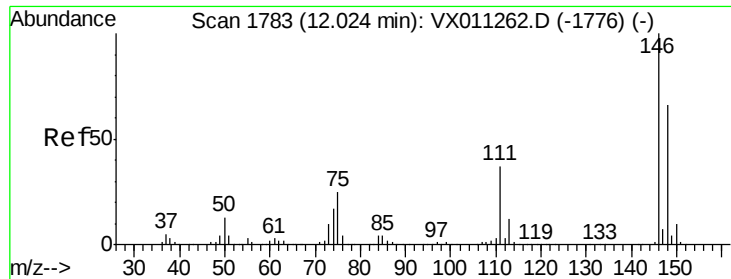


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





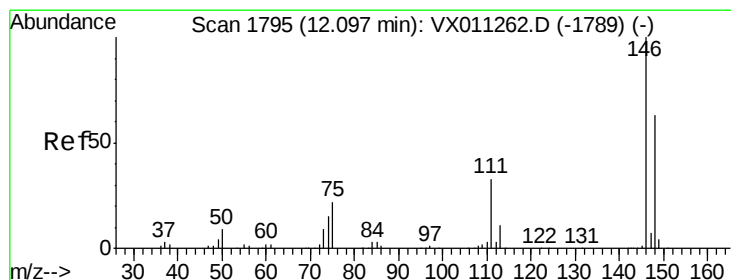
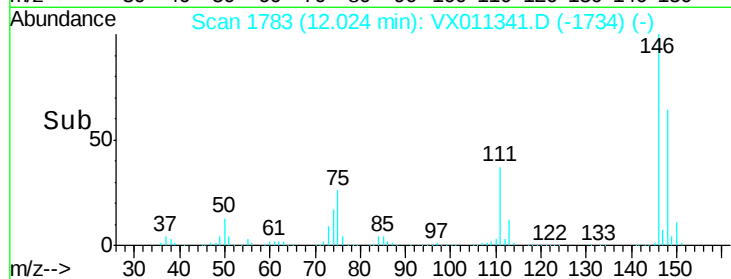
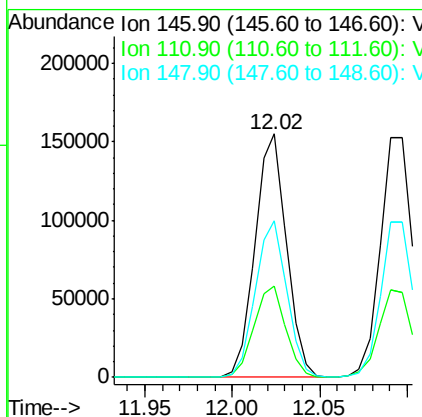
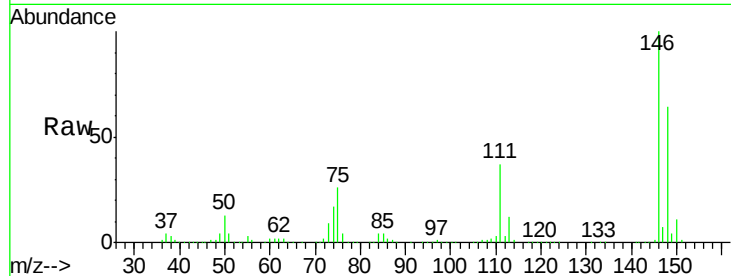
#87
 1,3-Dichlorobenzene
 Concen: 47.339 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.2	32.5	97.5

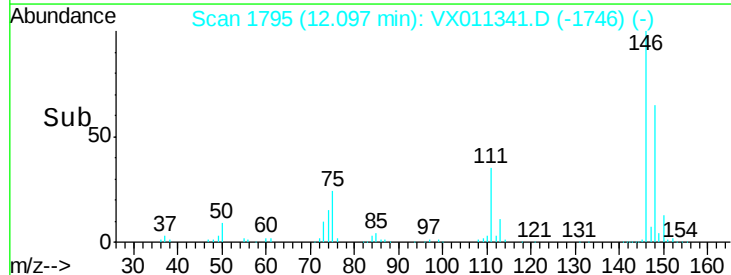
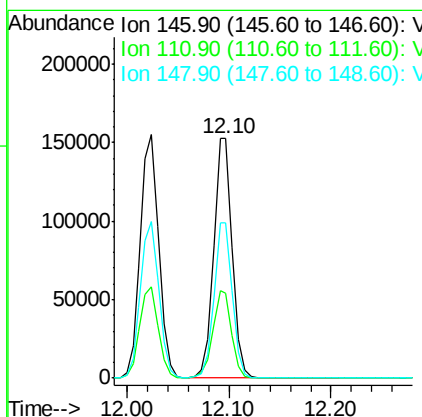
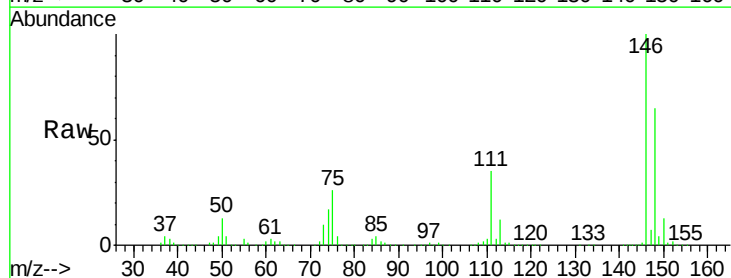
Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.418 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.4
148	64.4	31.8	95.3





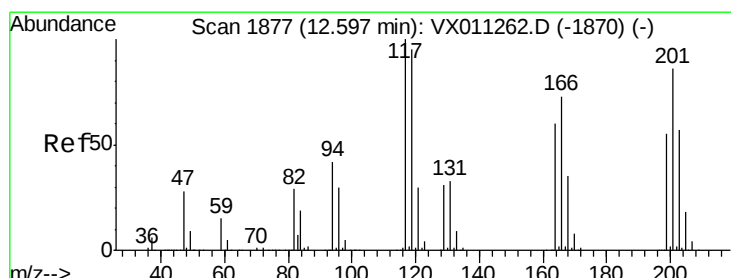
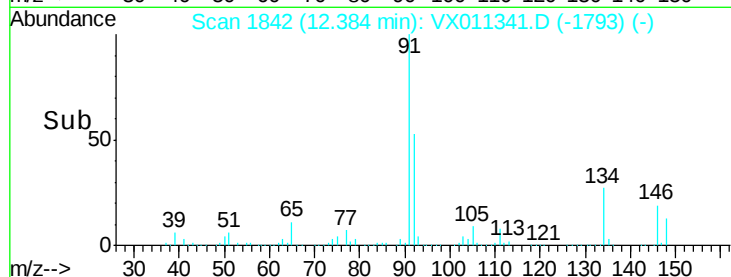
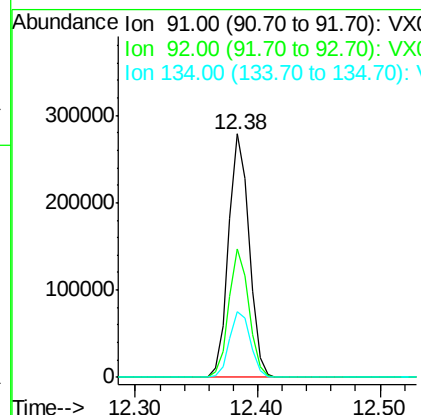
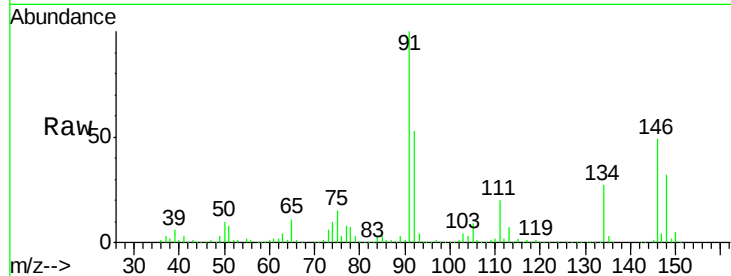
#89
n-Butylbenzene
Concen: 49.755 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.3
134	27.6	13.7	41.0

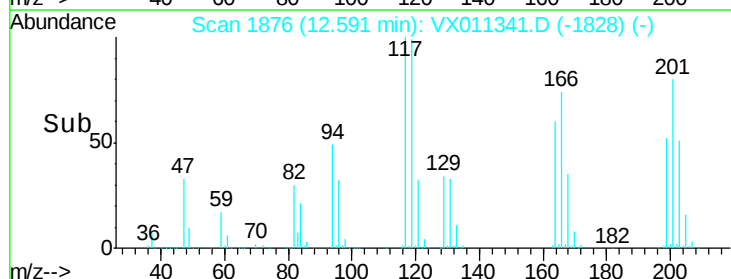
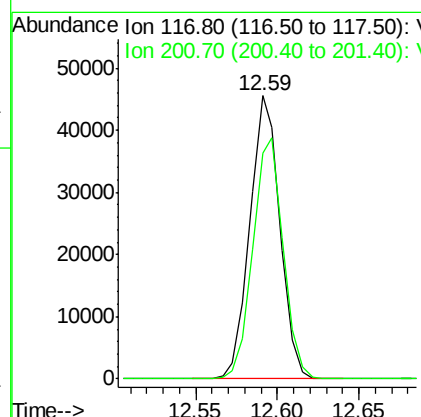
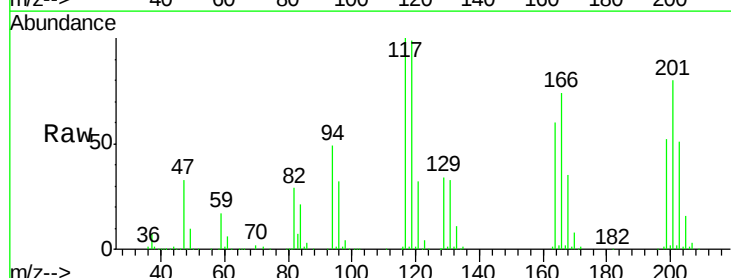
Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#90
Hexachloroethane
Concen: 52.001 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	41.8	125.4





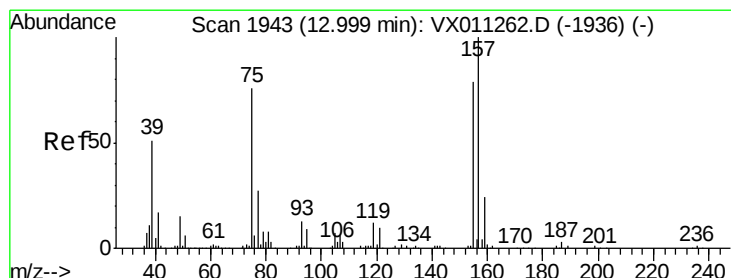
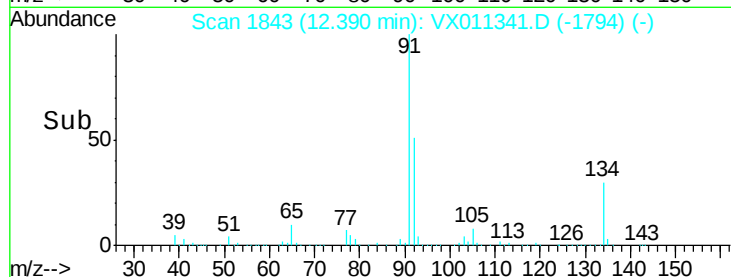
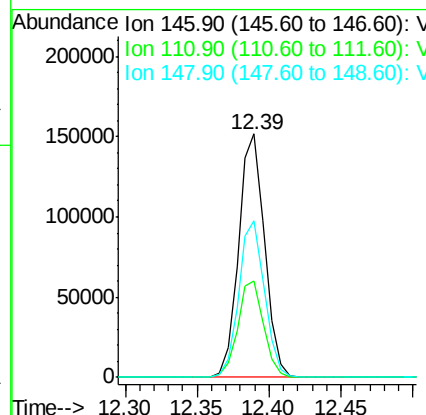
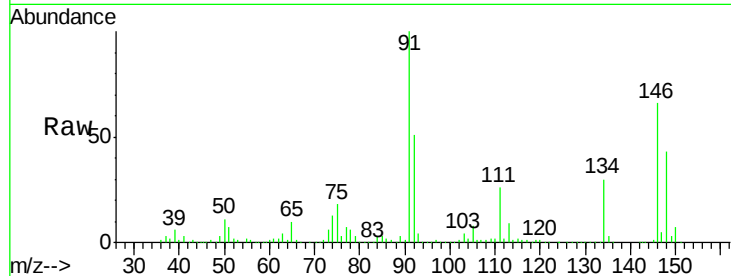
#91
 1,2-Dichlorobenzene
 Concen: 46.371 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	63.8	32.3	96.8

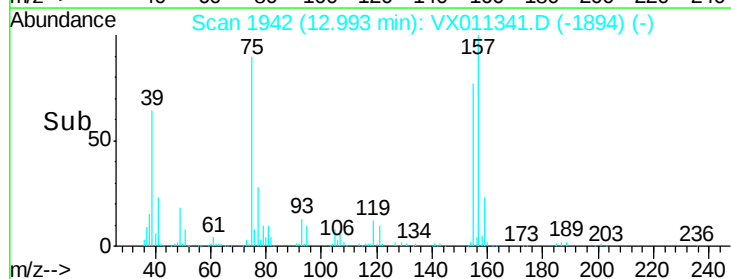
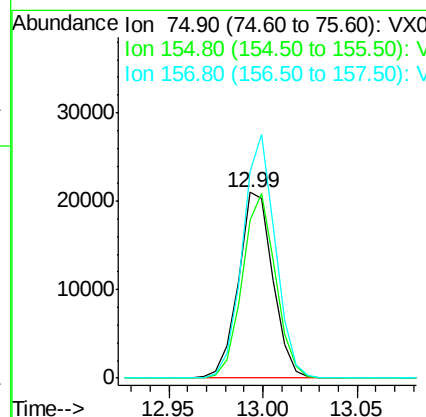
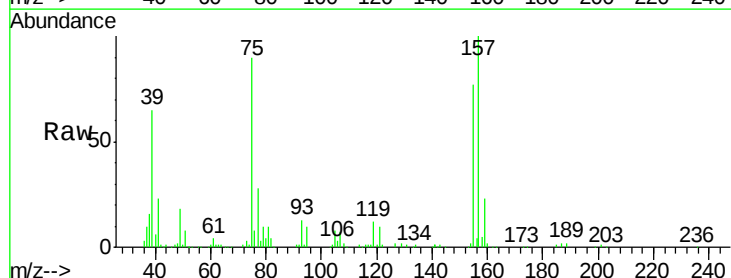
Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.284 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	51.9	155.8
157	124.7	64.3	192.7





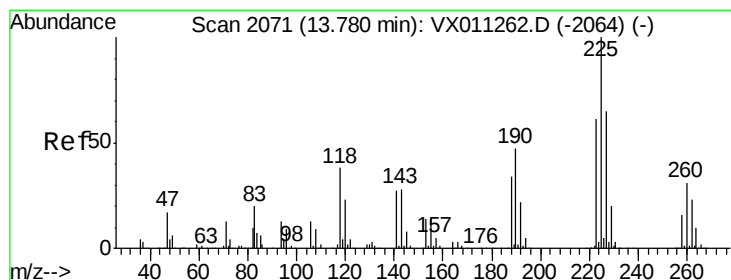
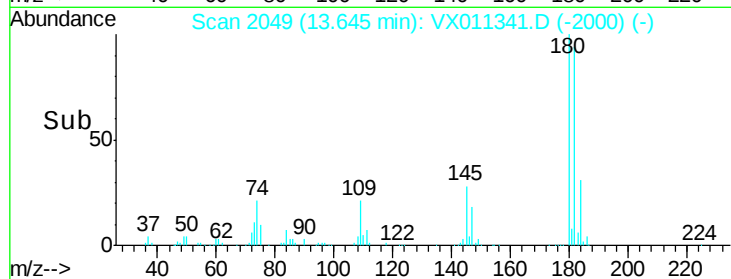
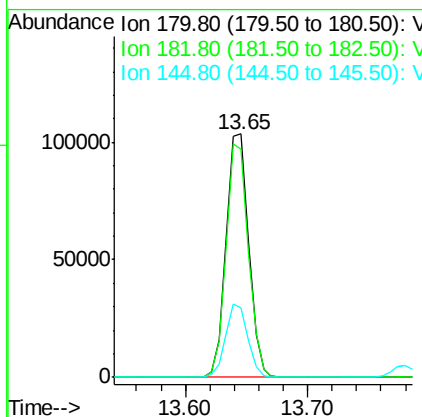
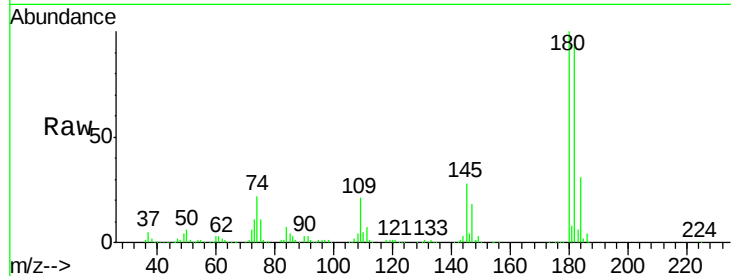
#93
 1,2,4-Trichlorobenzene
 Concen: 48.255 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	131648		
182	95.0	47.8	143.4	
145	29.4	14.8	44.3	

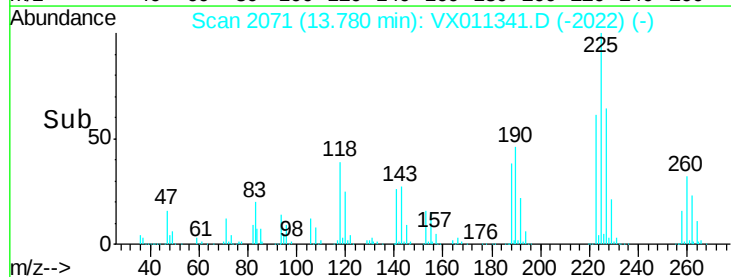
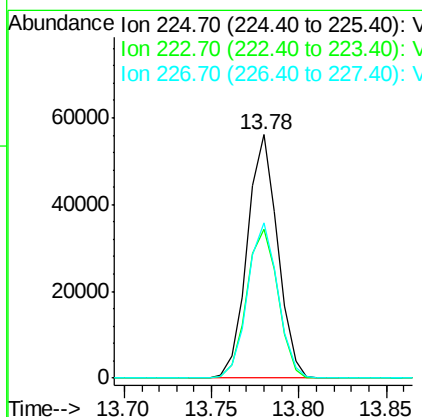
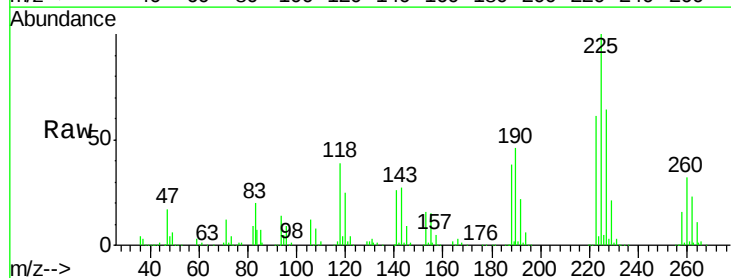
Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:25 AM



#94
 Hexachlorobutadiene
 Concen: 48.723 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011341.D
 Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67440		
223	63.1	31.0	93.0	
227	63.9	32.2	96.6	





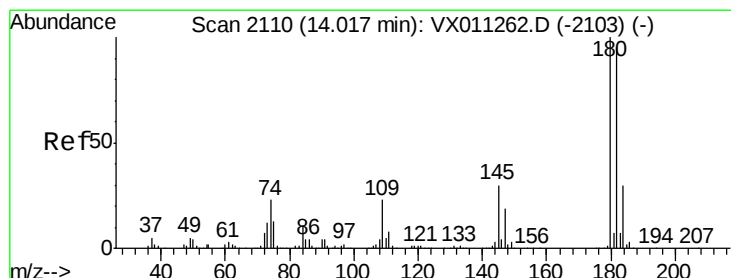
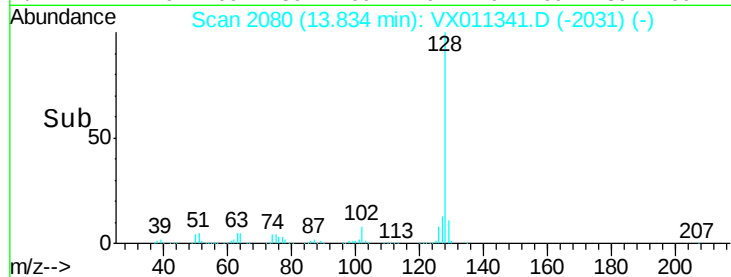
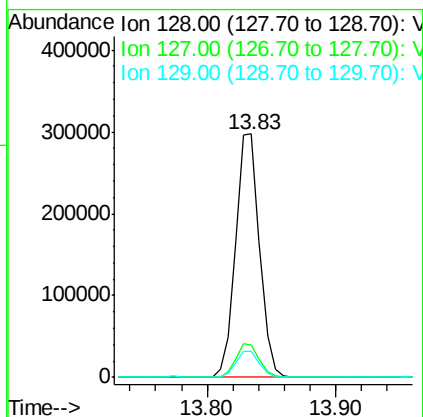
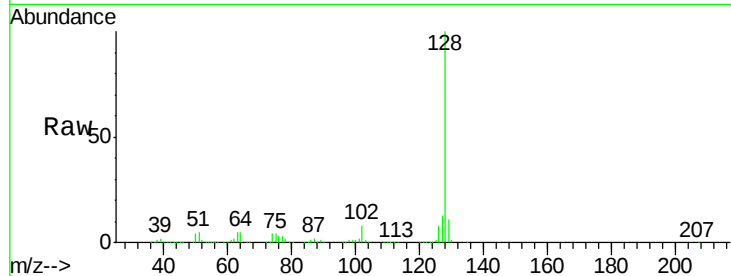
#95
Naphthalene
Concen: 48.159 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	384225		
127	13.3		10.4	15.6
129	10.8		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.539 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011341.D
Acq: 06 Aug 2019 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131852		
182	96.0		47.4	142.3
145	30.8		15.2	45.6

