

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:24 AM

Quant Time: Sep 20 07:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130881	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.48	113	96307	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	354406	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	143542	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56345	46.004	ug/l	99
3) Chloromethane	1.31	50	50379	49.883	ug/l	99
4) Vinyl Chloride	1.40	62	56245	51.526	ug/l	96
5) Bromomethane	1.62	94	20335	47.417	ug/l	94
6) Chloroethane	1.71	64	39485	46.225	ug/l	96
7) Trichlorofluoromethane	1.92	101	102183	51.066	ug/l	100
8) Diethyl Ether	2.18	74	45086	49.884	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69874	48.262	ug/l	97
10) Methyl Iodide	2.50	142	59168	47.834	ug/l	97
11) Tert butyl alcohol	3.03	59	153736	229.783	ug/l	100
12) 1,1-Dichloroethene	2.36	96	57799	50.044	ug/l	97
13) Acrolein	2.28	56	57645	249.337	ug/l	99
14) Allyl chloride	2.72	41	136710	50.842	ug/l	99
15) Acrylonitrile	3.13	53	285026	249.823	ug/l	99
16) Acetone	2.44	43	262280	216.968	ug/l	100
17) Carbon Disulfide	2.56	76	72515	44.598	ug/l	99
18) Methyl Acetate	2.76	43	140728	51.295	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	320550	50.903	ug/l	99
20) Methylene Chloride	2.84	84	78734	49.413	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	61081	50.929	ug/l	93
22) Diisopropyl ether	3.84	45	321863	51.123	ug/l	100
23) Vinyl Acetate	3.80	43	1340425	258.818	ug/l	100
24) 1,1-Dichloroethane	3.69	63	155513	51.625	ug/l	98
25) 2-Butanone	4.66	43	416945	228.299	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121895	41.145	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	91345	50.984	ug/l	97
28) Bromochloromethane	5.00	49	76572	49.307	ug/l	98
29) Tetrahydrofuran	5.11	42	255075	252.819	ug/l	100
30) Chloroform	5.20	83	170077	49.162	ug/l	98
31) Cyclohexane	5.57	56	91853	50.513	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	145715	50.395	ug/l	100
36) 1,1-Dichloropropene	5.79	75	93734	49.340	ug/l	98
37) Ethyl Acetate	4.82	43	153136	52.513	ug/l	100
38) Carbon Tetrachloride	5.78	117	114225	48.343	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:24 AM

Quant Time: Sep 20 07:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92296	49.975	ug/l	98
40) Benzene	6.13	78	306930	50.806	ug/l	100
41) Methacrylonitrile	5.03	41	93360	49.720	ug/l	97
42) 1,2-Dichloroethane	6.19	62	137530	49.083	ug/l	100
43) Isopropyl Acetate	6.44	43	263724	50.387	ug/l	99
44) Trichloroethene	7.21	130	81286	51.151	ug/l	94
45) 1,2-Dichloropropane	7.51	63	93374	50.309	ug/l	97
46) Dibromomethane	7.65	93	59501	49.540	ug/l	100
47) Bromodichloromethane	7.89	83	135281	50.586	ug/l	99
48) Methyl methacrylate	7.76	41	123922	50.227	ug/l	99
49) 1,4-Dioxane	7.73	88	55791	929.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	852151	248.269	ug/l	99
52) Toluene	8.78	92	196251	50.414	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139393	50.143	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148241	51.509	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100954	50.338	ug/l	98
56) Ethyl methacrylate	9.17	69	162316	51.765	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164086	51.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	433947	267.353	ug/l	99
59) 2-Hexanone	9.49	43	646158	241.300	ug/l	98
60) Dibromochloromethane	9.58	129	107675	52.708	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93977	51.307	ug/l	98
64) Tetrachloroethene	9.33	164	75074	58.049	ug/l	95
65) Chlorobenzene	10.14	112	233313	50.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	99986	51.718	ug/l	99
67) Ethyl Benzene	10.25	91	410537	51.297	ug/l	100
68) m/p-Xylenes	10.36	106	299377	102.810	ug/l	100
69) o-Xylene	10.70	106	153623	51.299	ug/l	99
70) Styrene	10.71	104	276776	52.237	ug/l	99
71) Bromoform	10.86	173	76176	46.006	ug/l #	99
73) Isopropylbenzene	11.01	105	429743	51.455	ug/l	100
74) N-amyl acetate	10.89	43	236328	52.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	164762	50.290	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	158993m	51.999	ug/l	
77) Bromobenzene	11.25	156	103413	50.771	ug/l	96
78) n-propylbenzene	11.35	91	482075	51.789	ug/l	99
79) 2-Chlorotoluene	11.42	91	304942	50.356	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	373001	52.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49345	44.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	354604	51.021	ug/l	99
83) tert-Butylbenzene	11.77	119	380682	49.877	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380017	51.961	ug/l	100
85) sec-Butylbenzene	11.94	105	427119	50.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	390892	50.615	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198146	51.715	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198392	50.407	ug/l	100
89) n-Butylbenzene	12.39	91	335096	48.631	ug/l	99
90) Hexachloroethane	12.59	117	71568	50.541	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	203336	50.775	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43793	51.559	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012543.D
Acq On : 19 Sep 2019 21:00
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

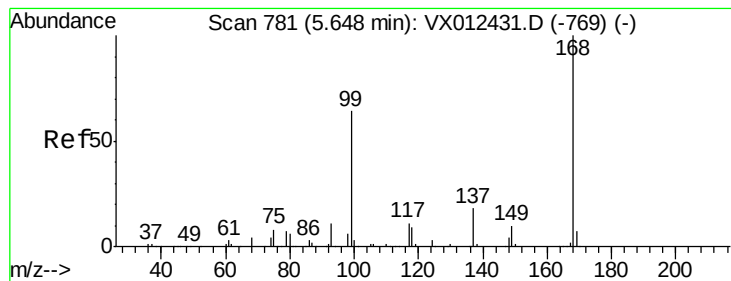
Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM

Quant Time: Sep 20 07:05:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134069	51.976	ug/l	98
94) Hexachlorobutadiene	13.78	225	53906	44.340	ug/l	99
95) Naphthalene	13.83	128	506191	55.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141383	53.788	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 183704

Ion Ratio Lower Upper

168 100

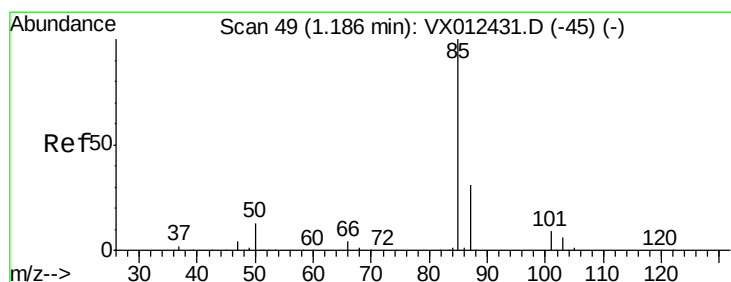
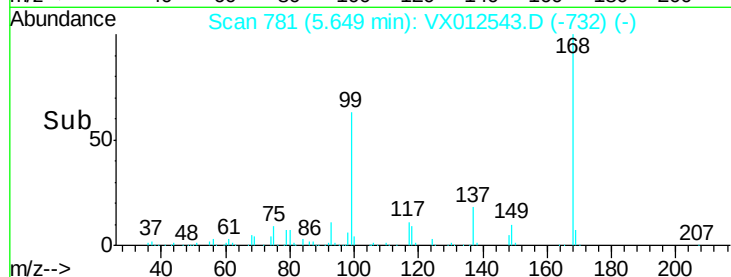
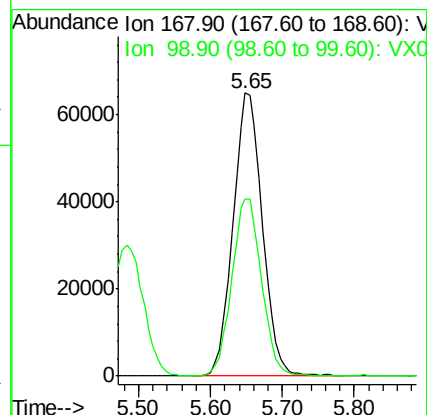
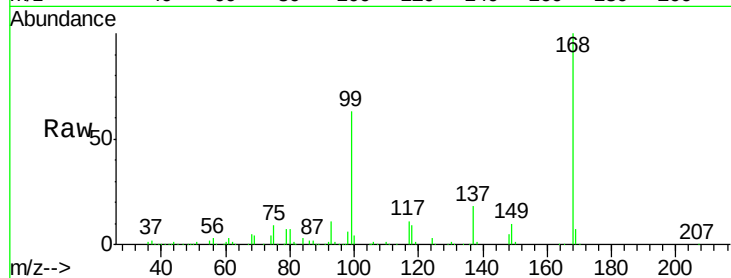
99 62.4 51.4 77.2

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#2

Dichlorodifluoromethane

Concen: 46.004 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012543.D

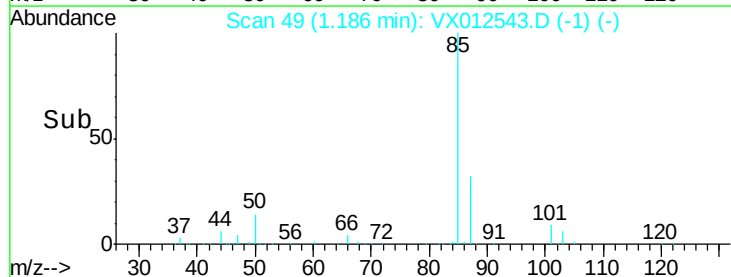
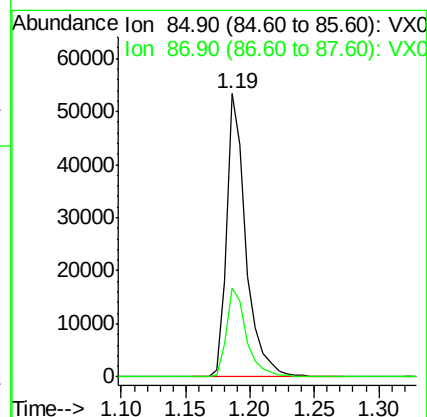
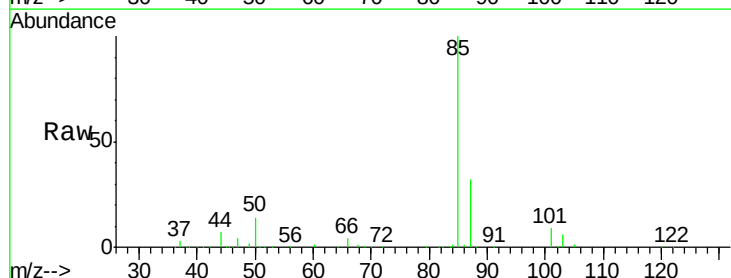
Acq: 19 Sep 2019 21:00

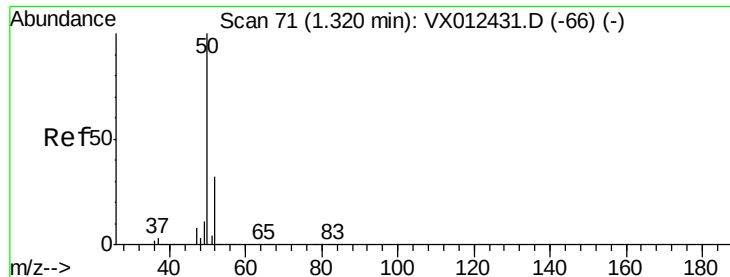
Tgt Ion: 85 Resp: 56345

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8





#3

Chloromethane

Concen: 49.883 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 50379

Ion Ratio Lower Upper

50 100

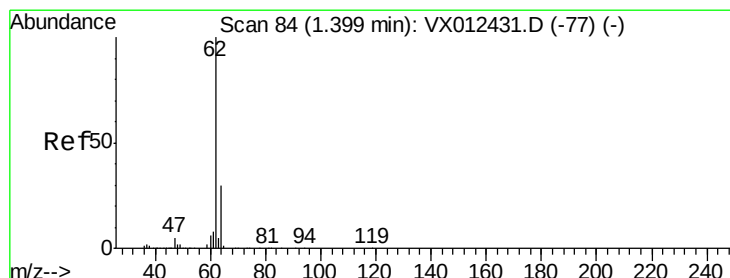
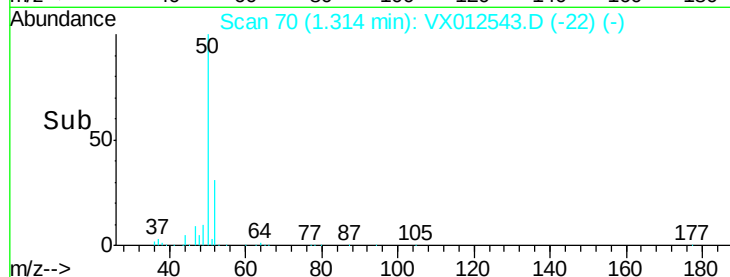
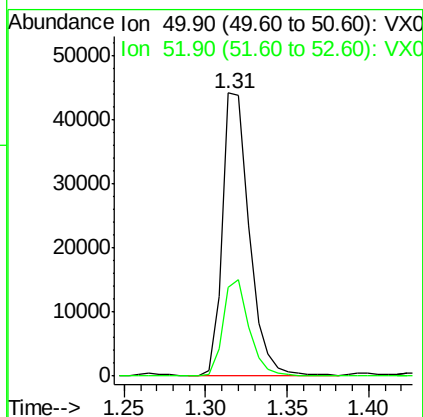
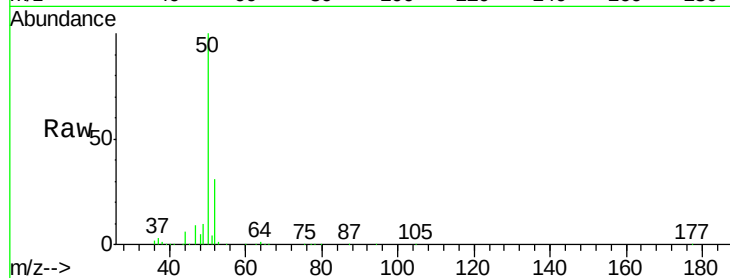
52 31.3 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#4

Vinyl Chloride

Concen: 51.526 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012543.D

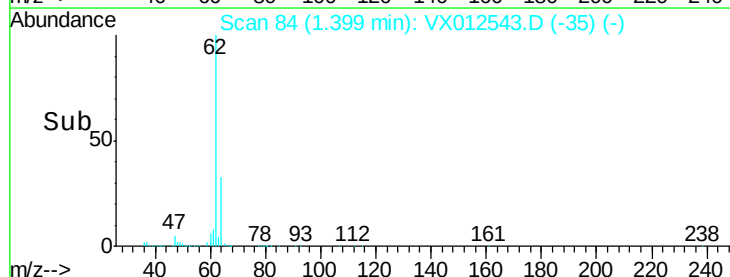
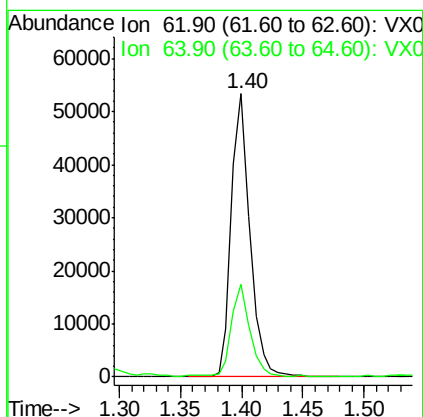
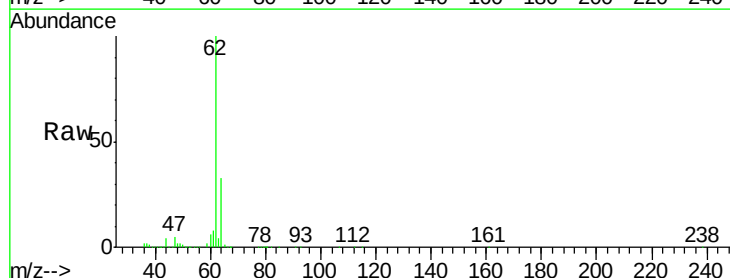
Acq: 19 Sep 2019 21:00

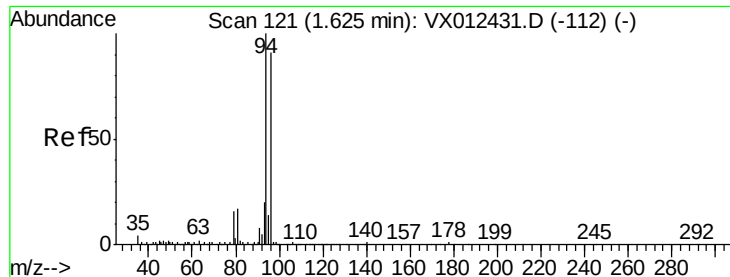
Tgt Ion: 62 Resp: 56245

Ion Ratio Lower Upper

62 100

64 32.5 24.2 36.2





#5

Bromomethane

Concen: 47.417 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 20335

Ion Ratio Lower Upper

94 100

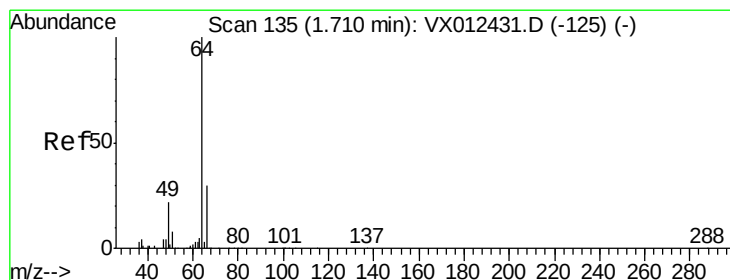
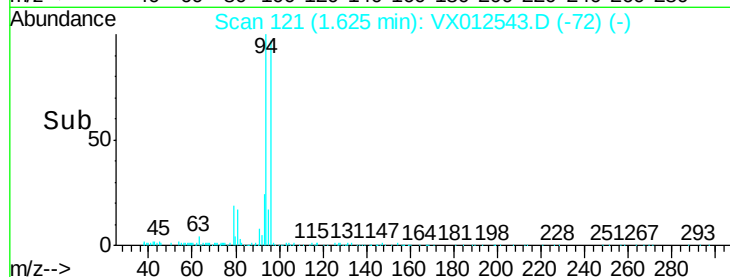
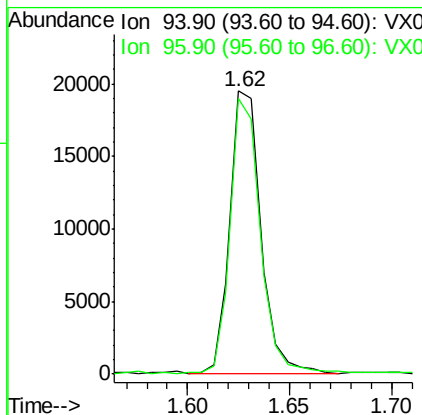
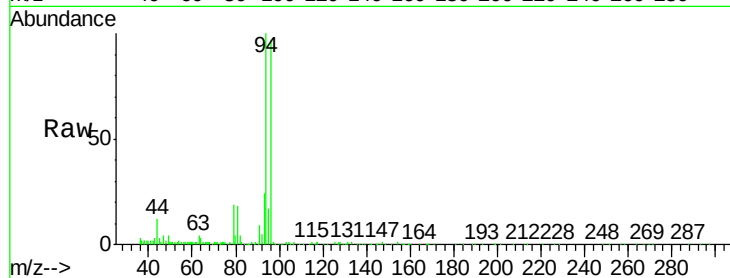
96 97.1 72.8 109.2

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#6

Chloroethane

Concen: 46.225 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012543.D

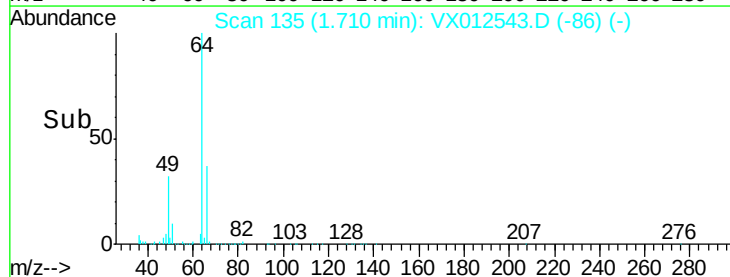
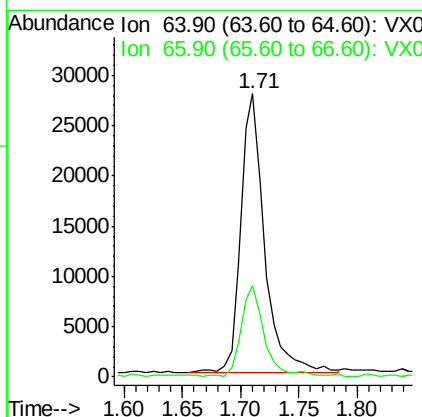
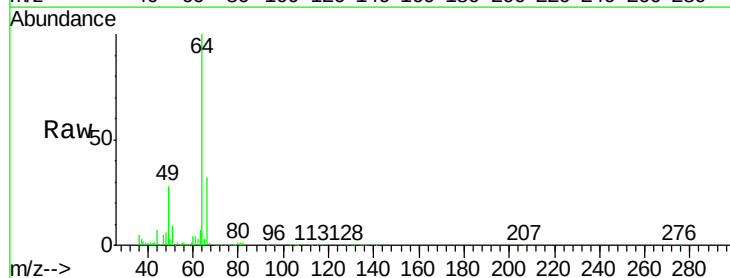
Acq: 19 Sep 2019 21:00

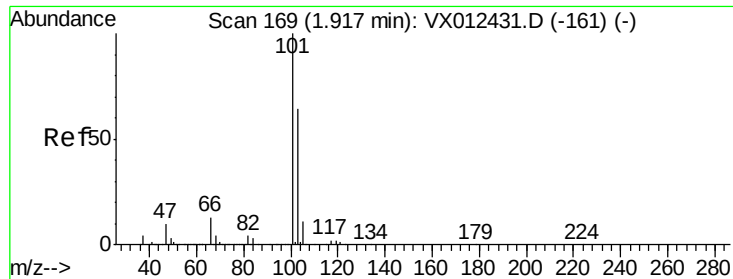
Tgt Ion: 64 Resp: 39485

Ion Ratio Lower Upper

64 100

66 32.0 24.0 36.0





#7

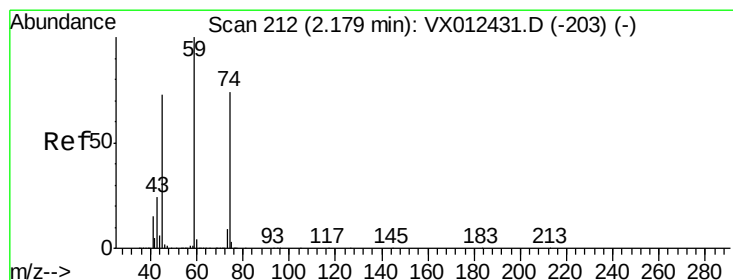
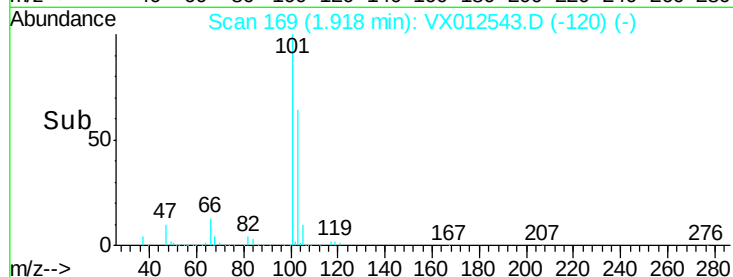
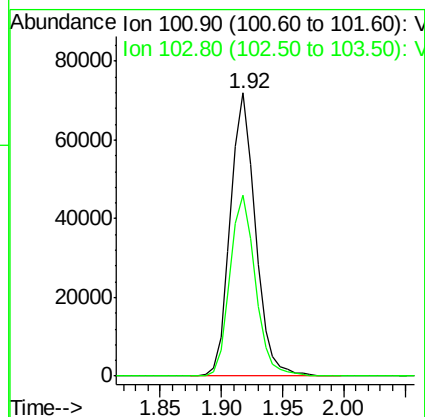
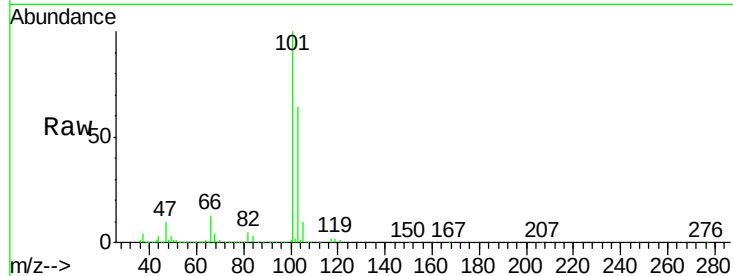
Trichlorofluoromethane
Concen: 51.066 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		102183		
103	64.1	51.0	76.4		

Manual Integrations
APPROVED

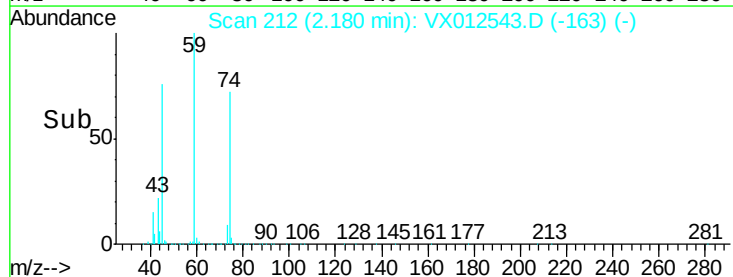
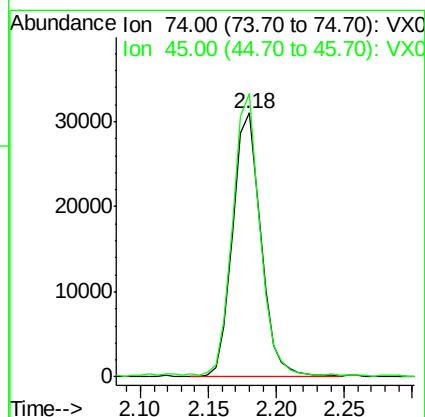
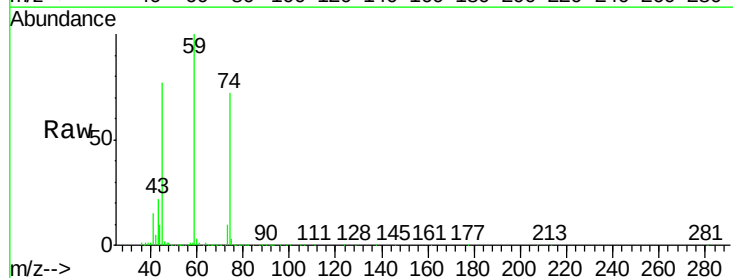
MMDadoda
9/20/2019 10:46:24 AM

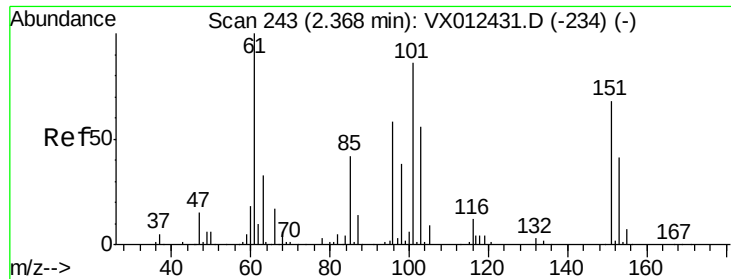


#8

Diethyl Ether
Concen: 49.884 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45086		
45	102.3	49.9	149.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.262 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

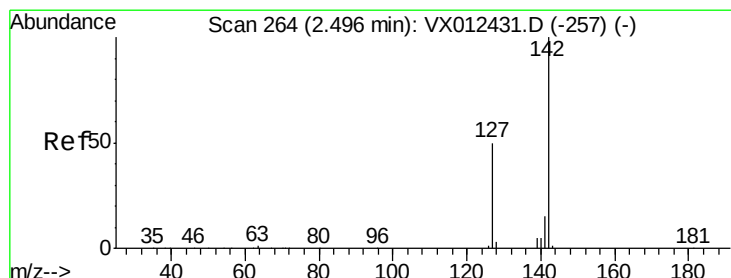
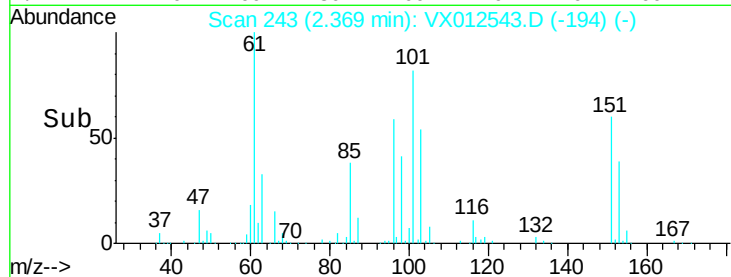
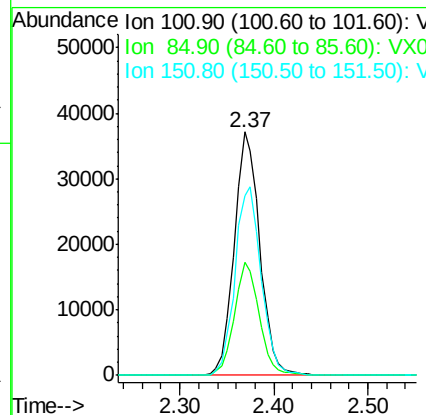
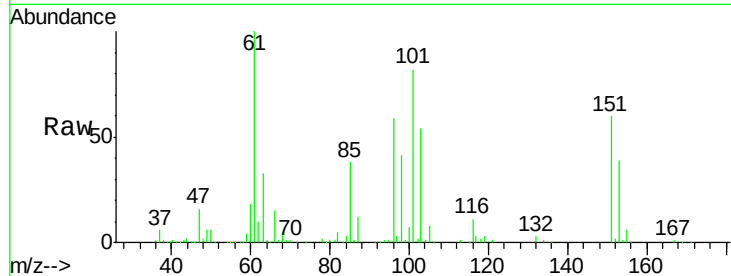
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	69874
Ion Ratio	Lower	Upper	
101	100		
85	45.4	37.3	55.9
151	79.6	61.0	91.4

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#10

Methyl Iodide

Concen: 47.834 ug/l

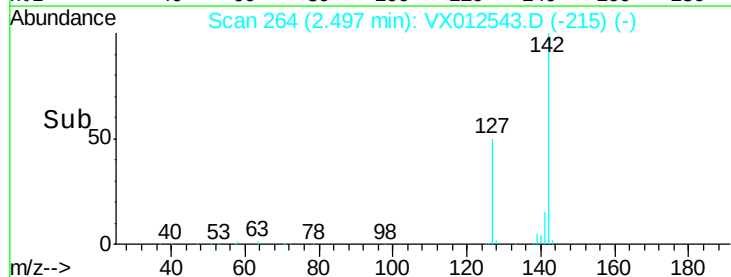
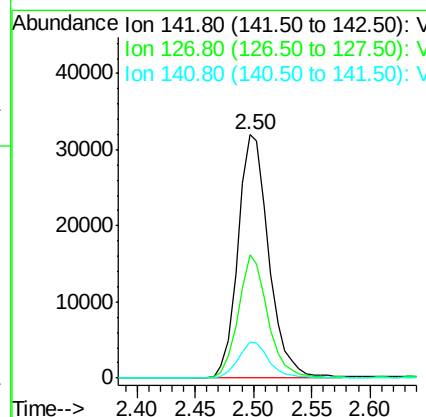
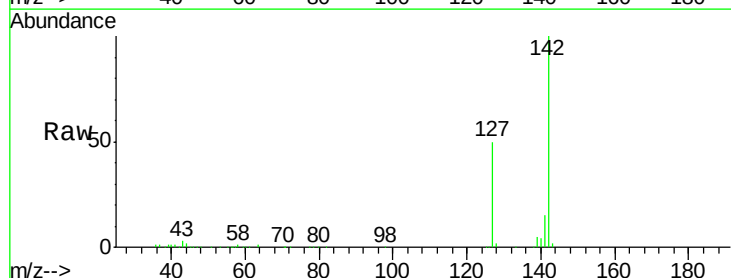
RT: 2.50 min Scan# 264

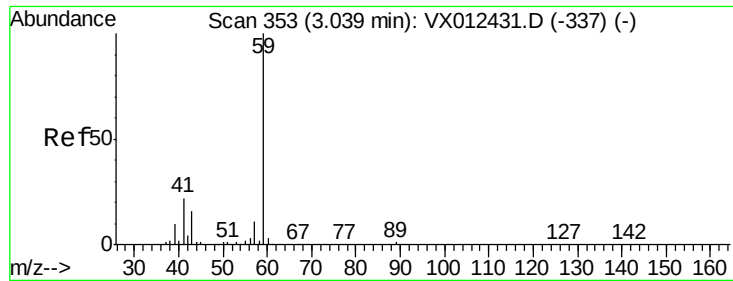
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	142	Resp:	59168
Ion Ratio	Lower	Upper	
142	100		
127	48.8	40.8	61.2
141	14.9	12.1	18.1





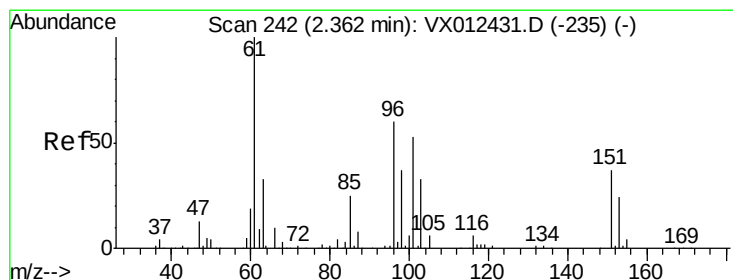
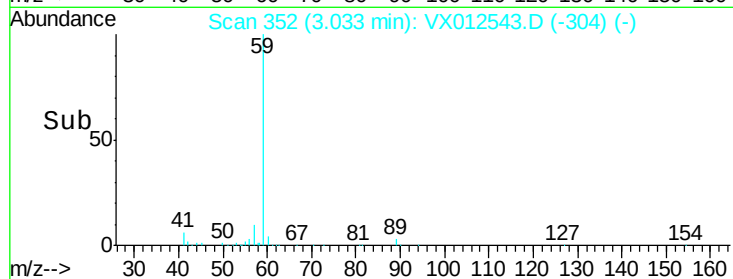
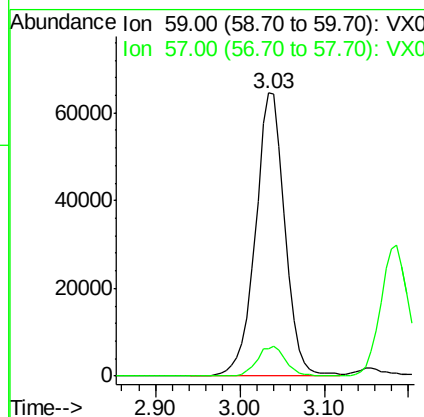
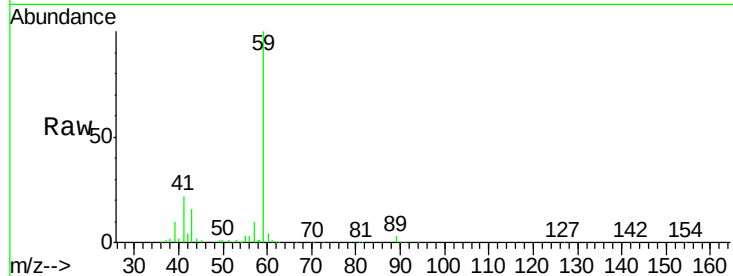
#11
Tert butyl alcohol
Concen: 229.783 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

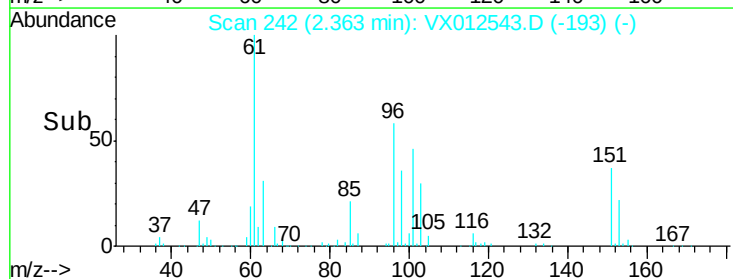
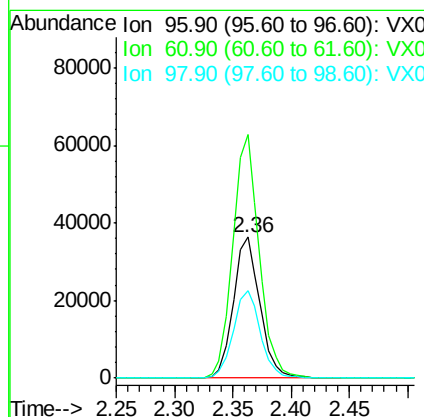
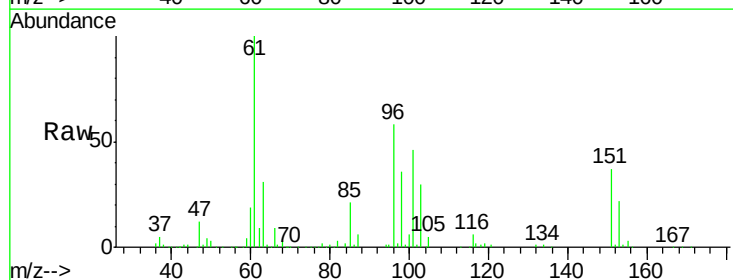
Manual Integrations
APPROVED

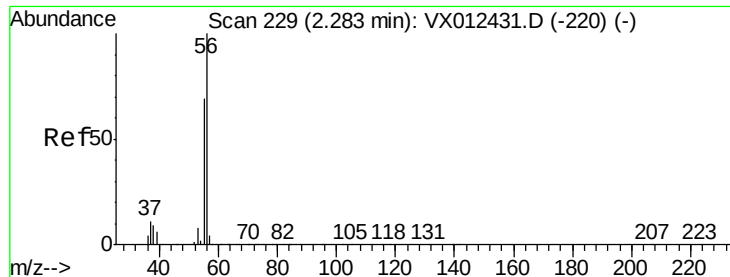
MMDadoda
9/20/2019 10:46:24 AM



#12
1,1-Dichloroethene
Concen: 50.044 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	133.8	200.6
98	62.5	49.9	74.9





#13

Acrolein

Concen: 249.337 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 57645

Ion Ratio Lower Upper

56 100

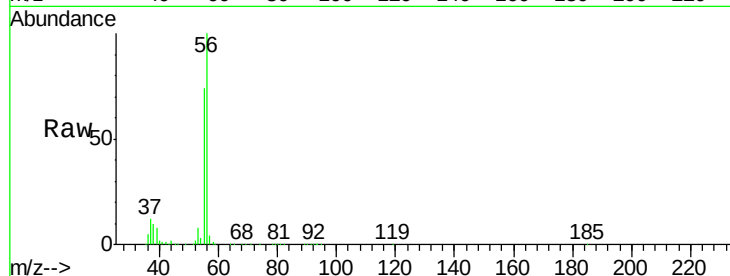
55 69.3 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

40000

30000

20000

10000

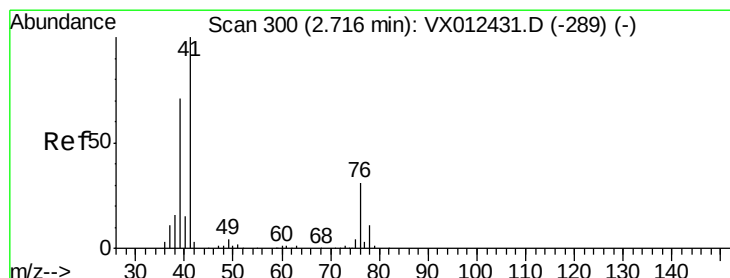
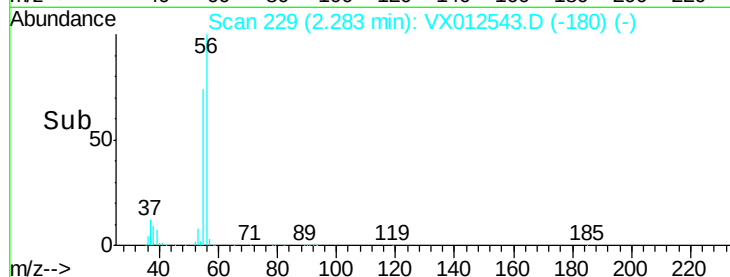
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 50.842 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

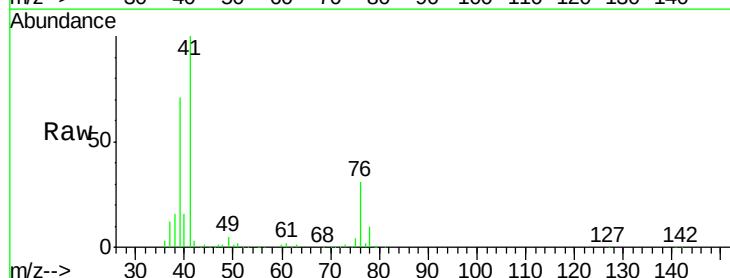
Tgt Ion: 41 Resp: 136710

Ion Ratio Lower Upper

41 100

39 63.3 51.3 76.9

76 27.7 22.6 33.8



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

2.72

80000

60000

40000

20000

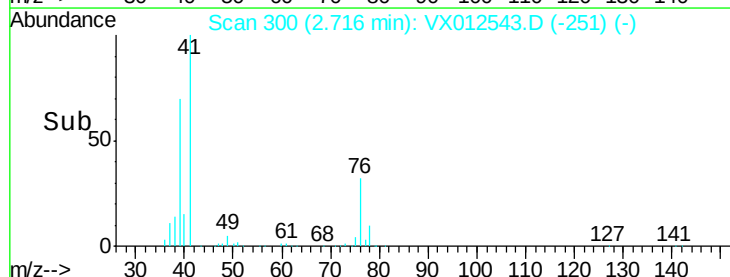
0

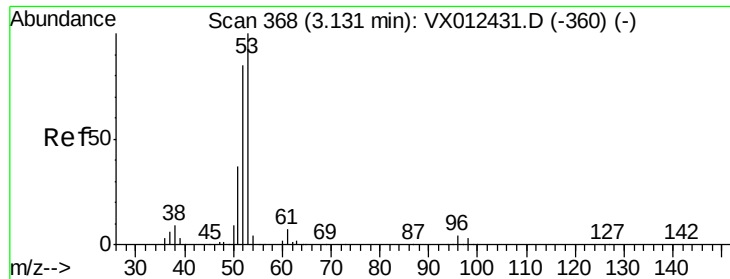
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 249.823 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

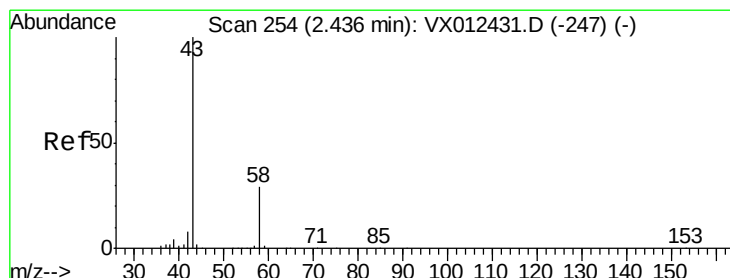
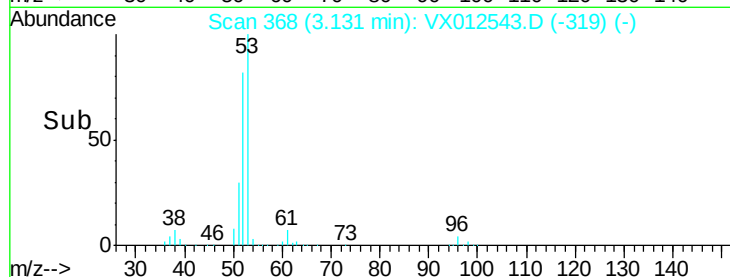
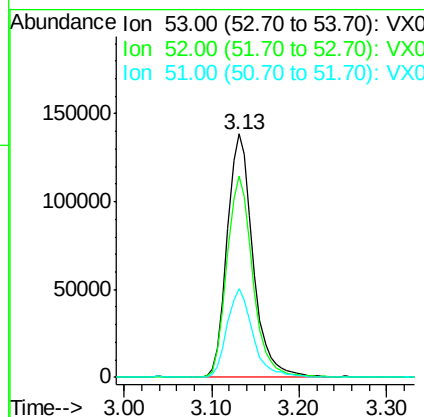
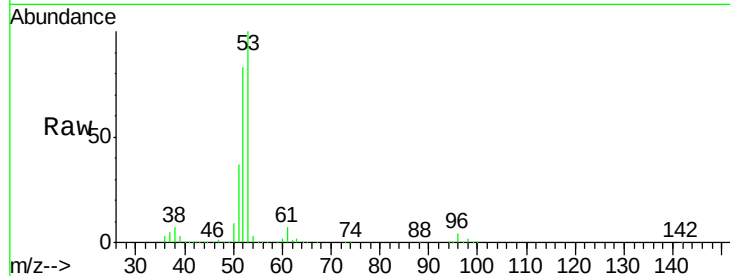
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	285026
Ion Ratio		Lower	Upper
53	100		
52	82.3	67.0	100.4
51	36.3	29.6	44.4

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#16

Acetone

Concen: 216.968 ug/l

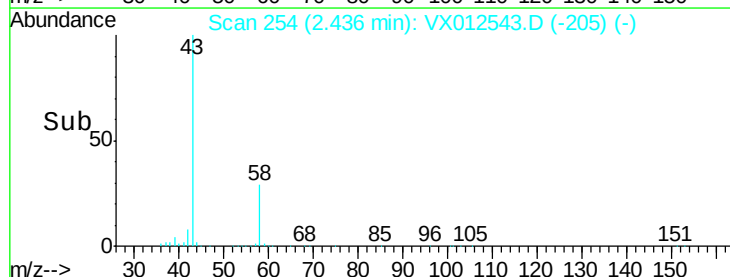
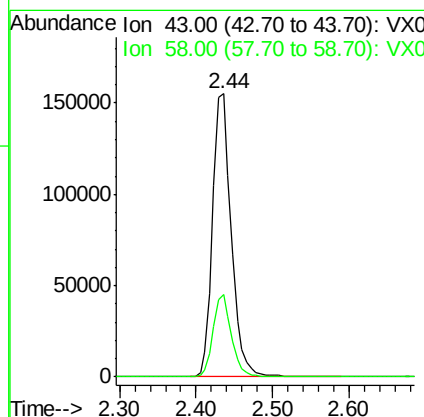
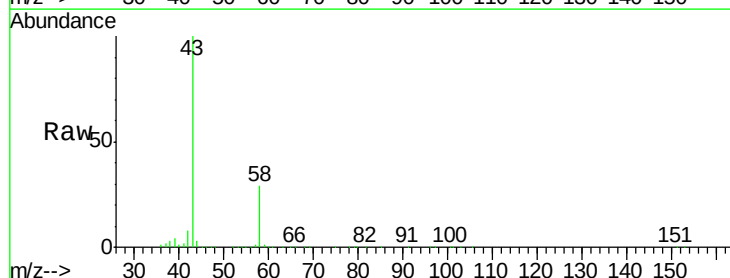
RT: 2.44 min Scan# 254

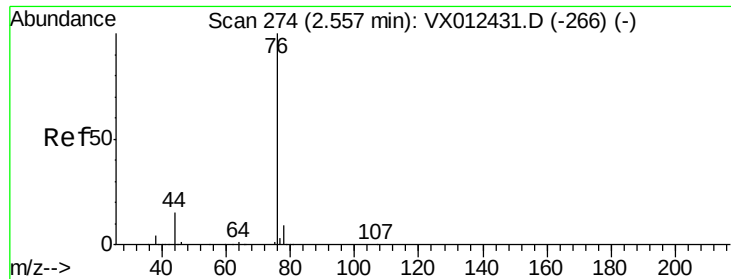
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	43	Resp:	262280
Ion Ratio		Lower	Upper
43	100		
58	29.1	23.3	34.9





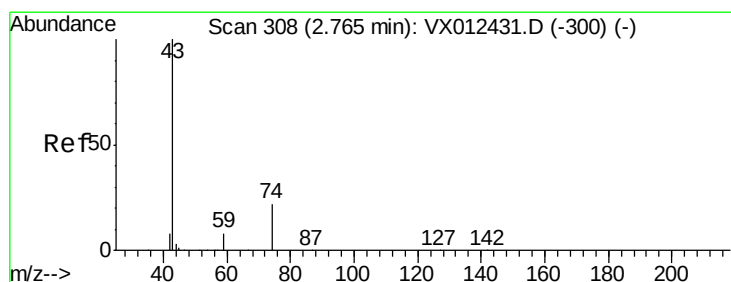
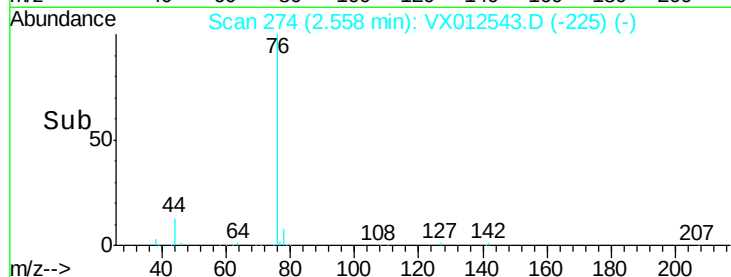
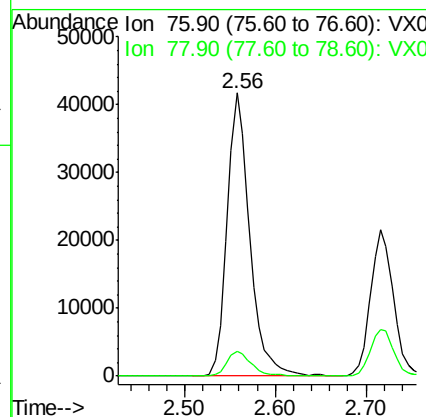
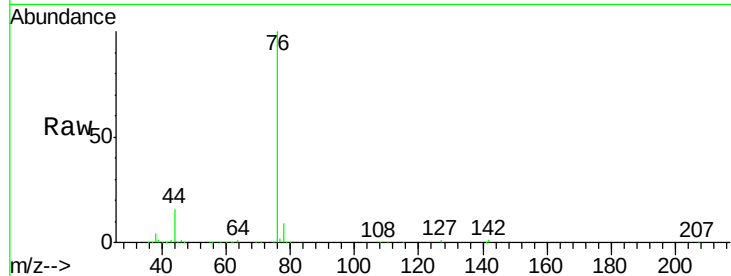
#17
Carbon Disulfide
Concen: 44.598 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

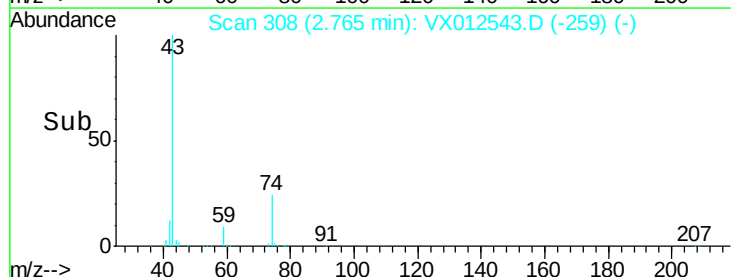
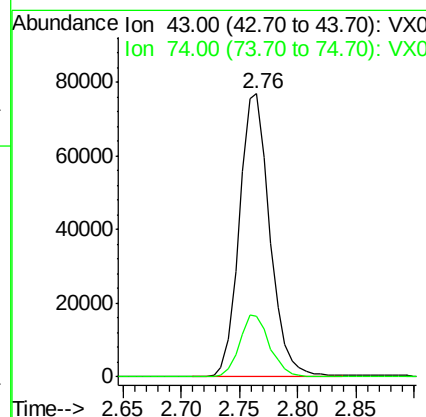
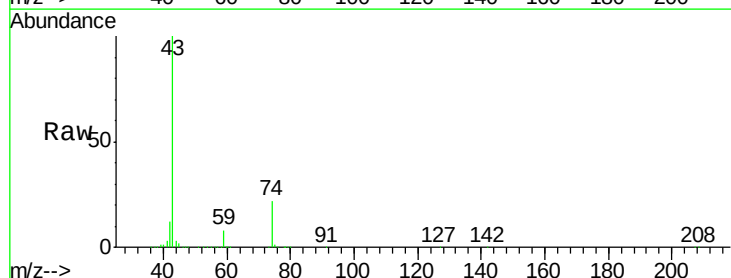
Manual Integrations
APPROVED

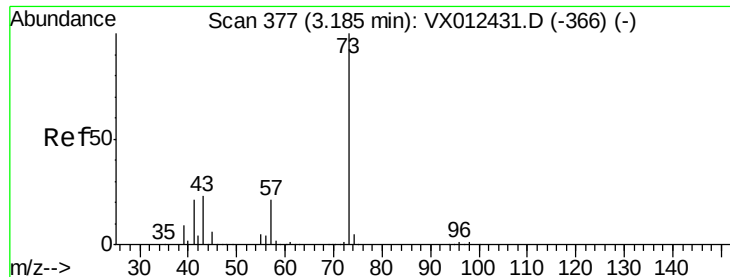
MMDadoda
9/20/2019 10:46:24 AM



#18
Methyl Acetate
Concen: 51.295 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.7	26.5





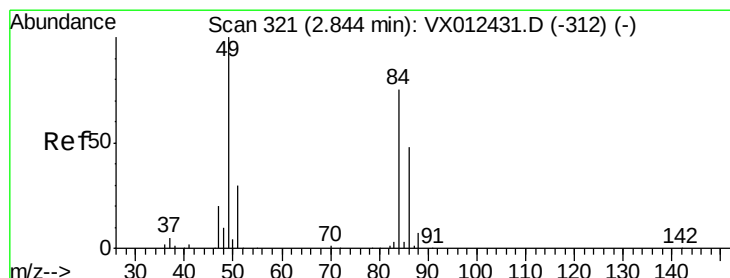
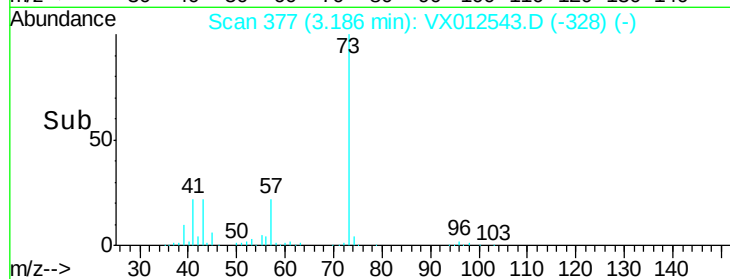
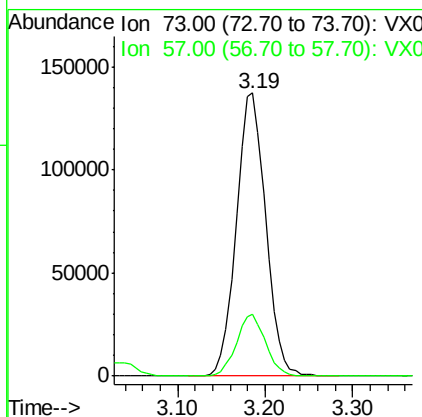
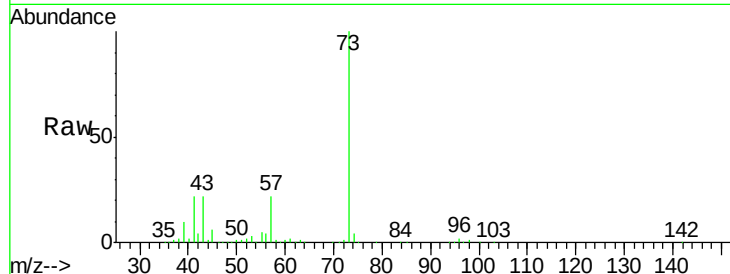
#19
Methyl tert-butyl Ether
Concen: 50.903 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	320550
Ion Ratio	100	Lower	Upper
73	100		
57	21.7	16.8	25.2

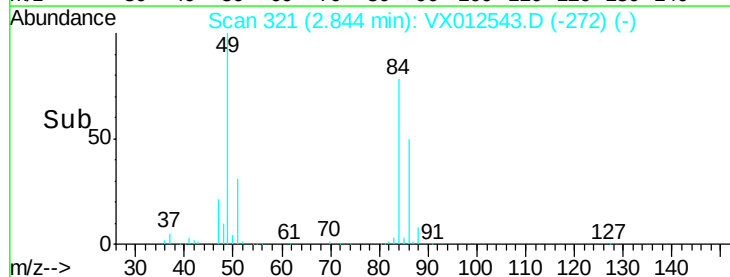
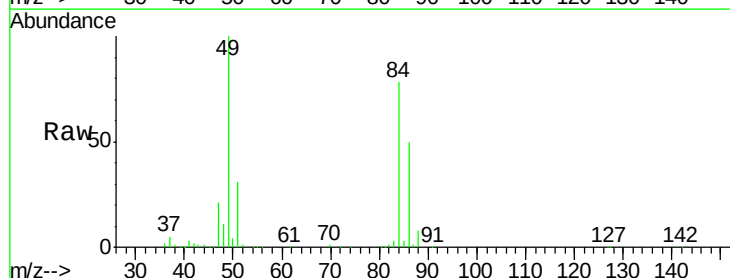
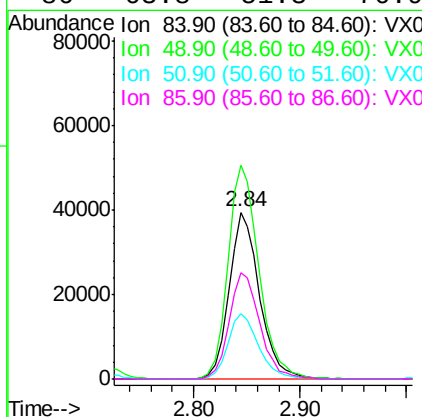
Manual Integrations
APPROVED

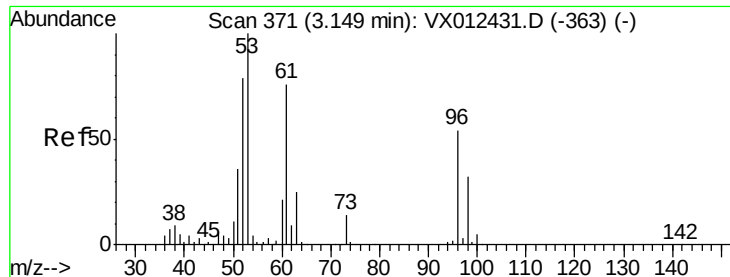
MMDadoda
9/20/2019 10:46:24 AM



#20
Methylene Chloride
Concen: 49.413 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	84	Resp	78734
Ion Ratio	100	Lower	Upper
84	100		
49	128.1	106.8	160.2
51	39.2	32.3	48.5
86	63.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.929 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 61081

Ion Ratio Lower Upper

96 100

61 148.8 112.0 168.0

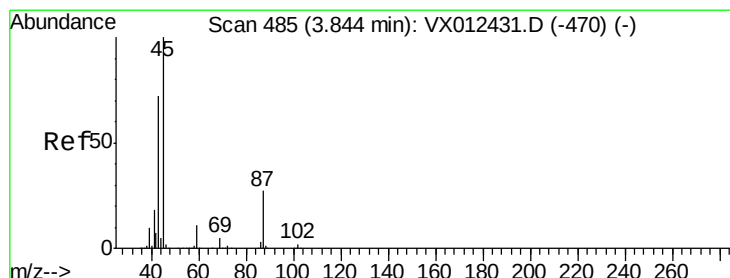
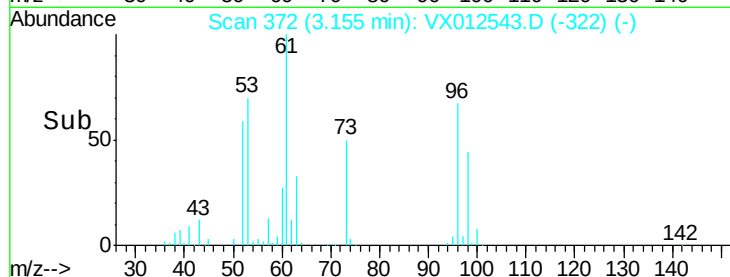
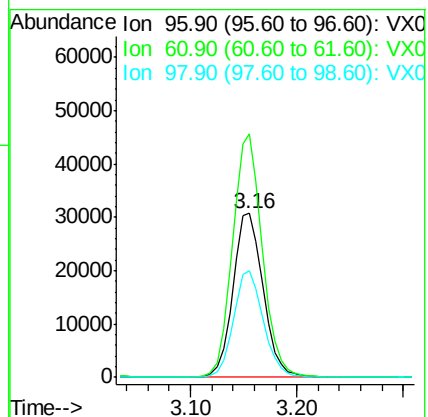
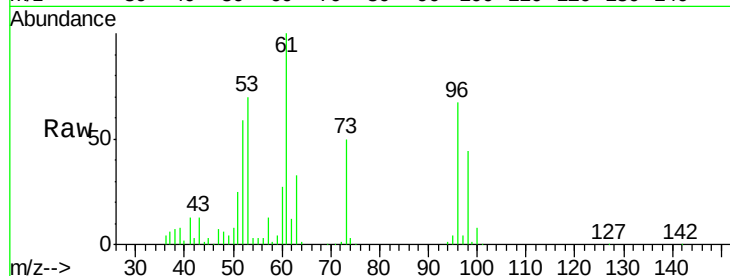
98 65.4 47.8 71.8

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#22

Diisopropyl ether

Concen: 51.123 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion: 45 Resp: 321863

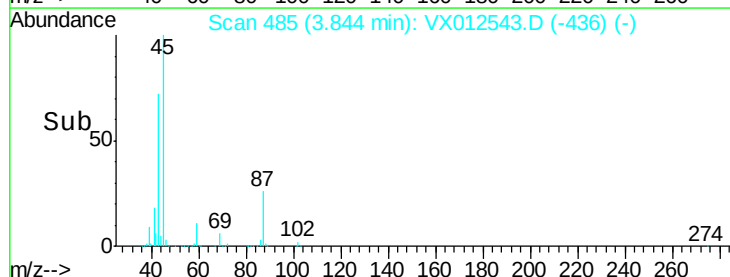
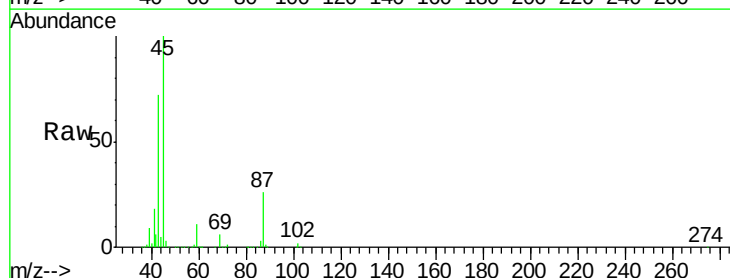
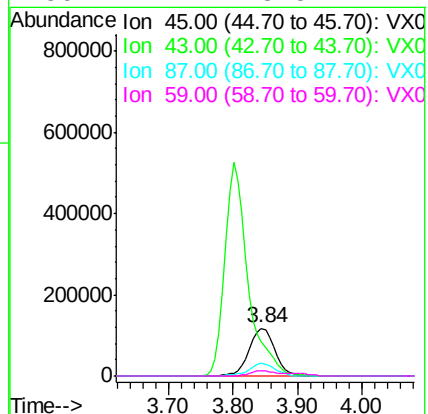
Ion Ratio Lower Upper

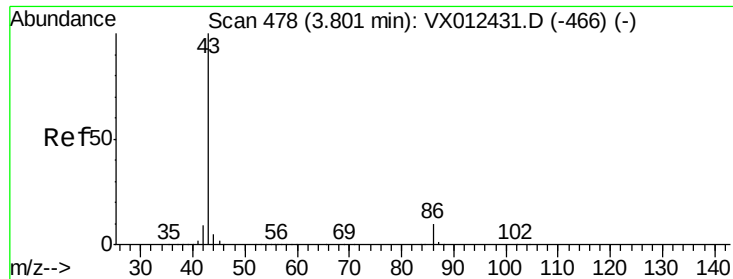
45 100

43 72.0 57.8 86.8

87 26.4 21.3 31.9

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 258.818 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1340425

Ion Ratio Lower Upper

43 100

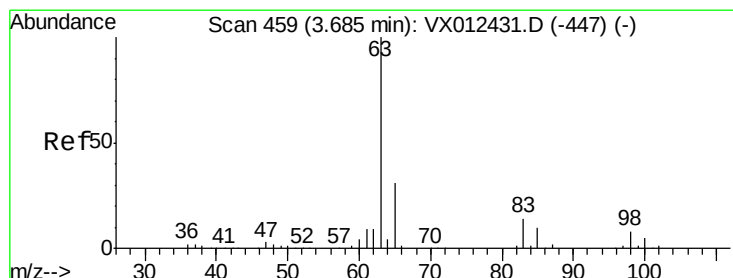
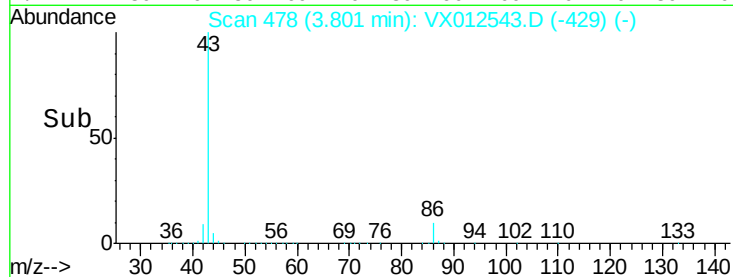
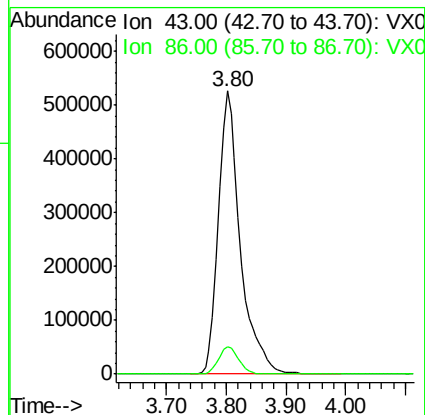
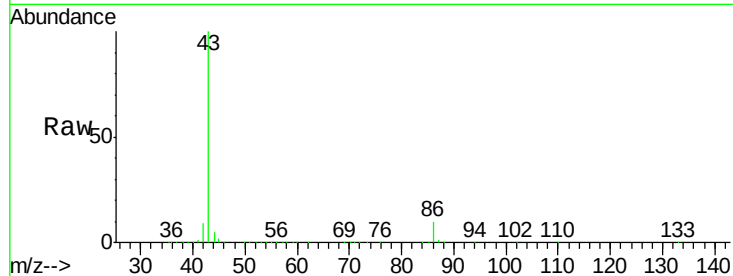
86 9.8 7.8 11.8

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#24

1,1-Dichloroethane

Concen: 51.625 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

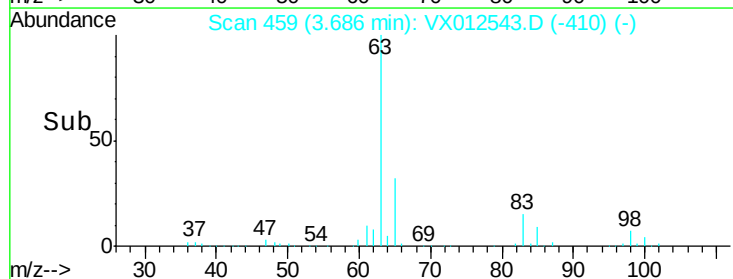
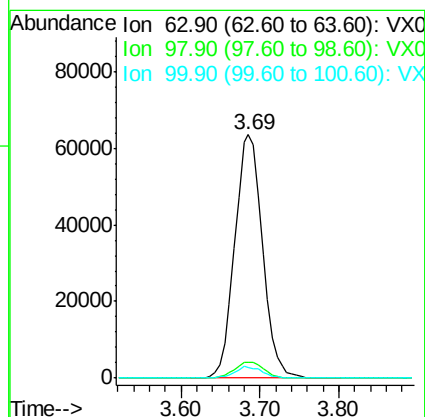
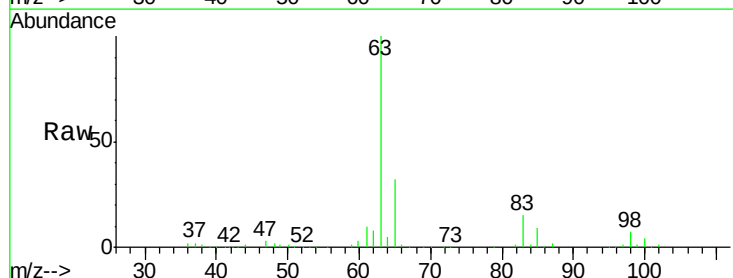
Tgt Ion: 63 Resp: 155513

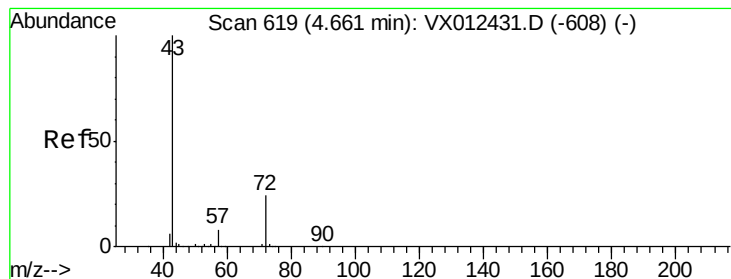
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 228.299 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 416945

Ion Ratio Lower Upper

43 100

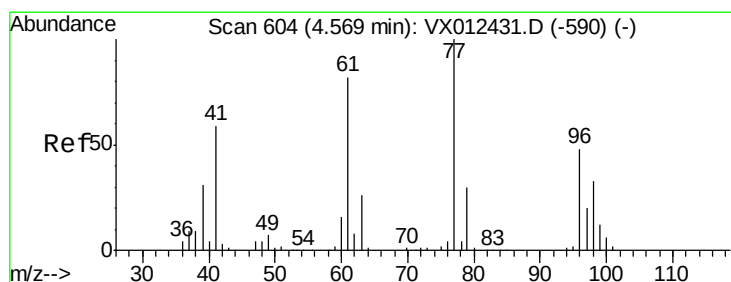
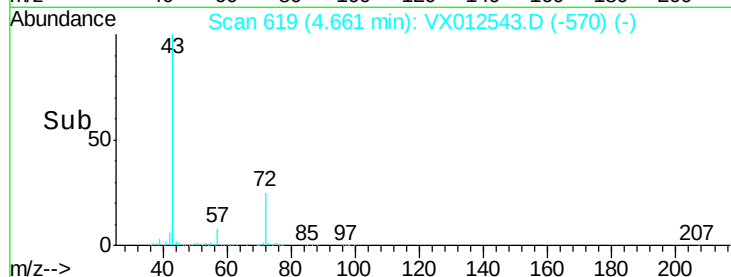
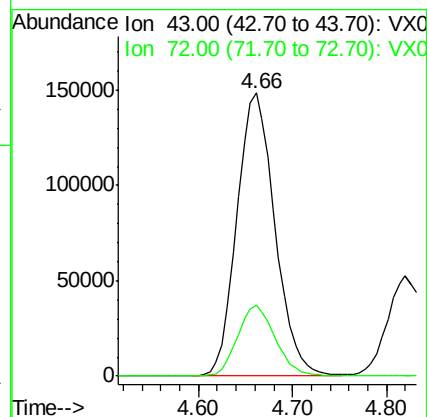
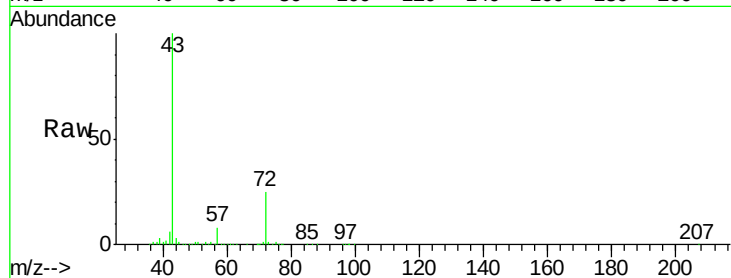
72 24.9 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#26

2,2-Dichloropropane

Concen: 41.145 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012543.D

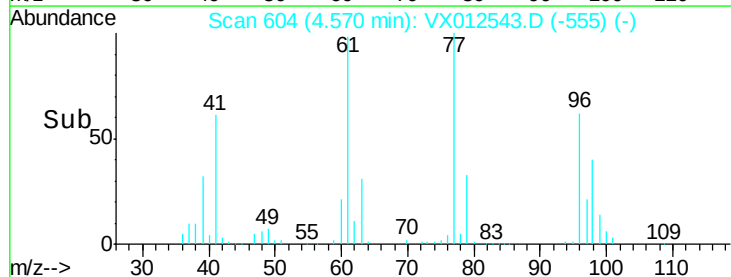
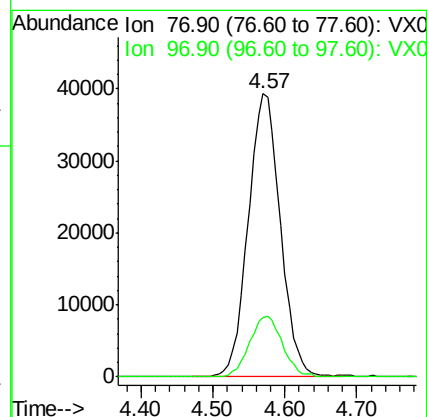
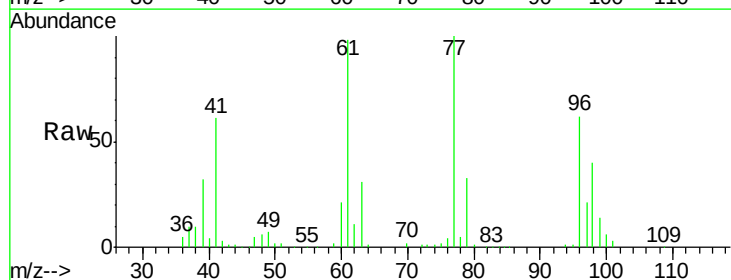
Acq: 19 Sep 2019 21:00

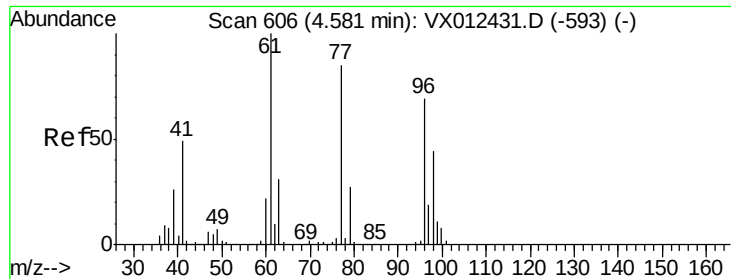
Tgt Ion: 77 Resp: 121895

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6





#27

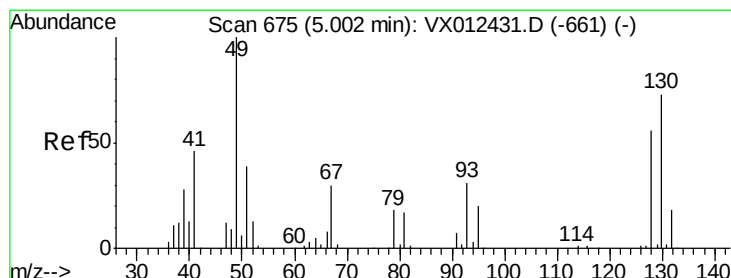
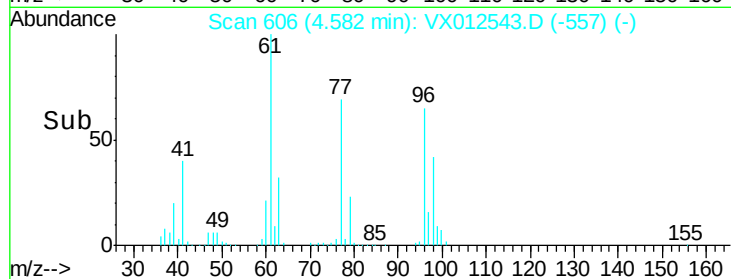
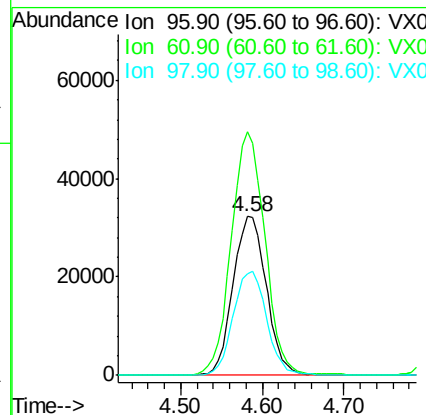
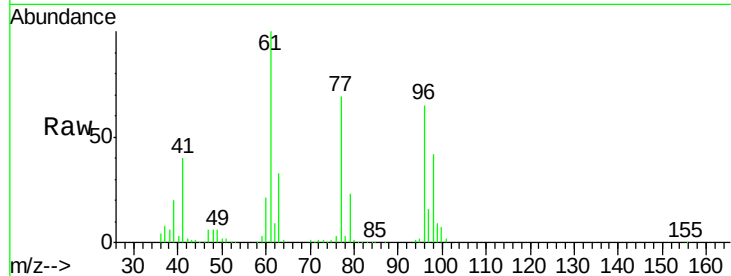
cis-1,2-Dichloroethene
Concen: 50.984 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	319.4
98	65.8	0.0	130.6

Manual Integrations
APPROVED

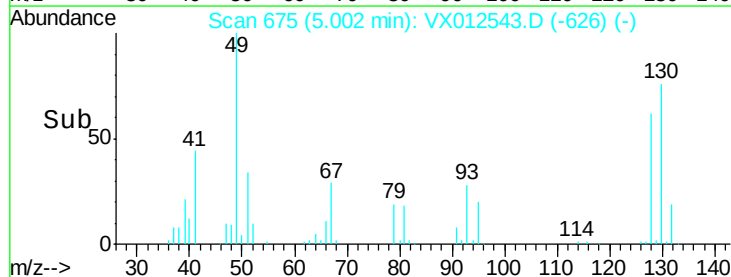
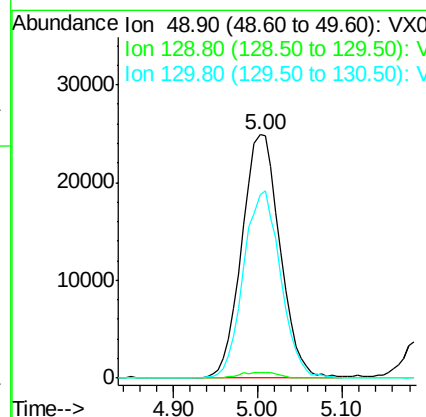
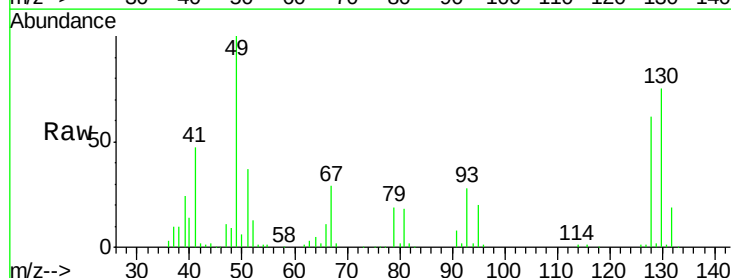
MMDadoda
9/20/2019 10:46:24 AM

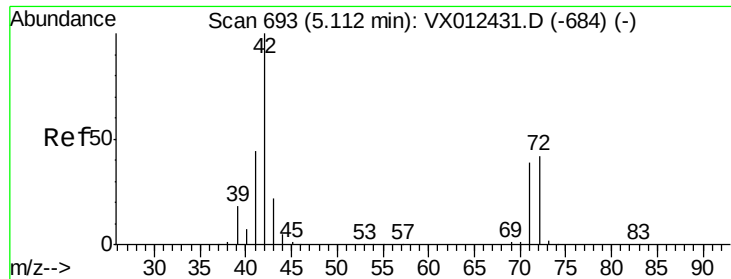


#28

Bromochloromethane
Concen: 49.307 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	74.6	58.2	87.4





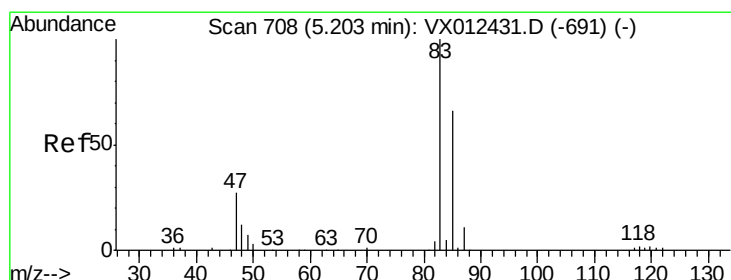
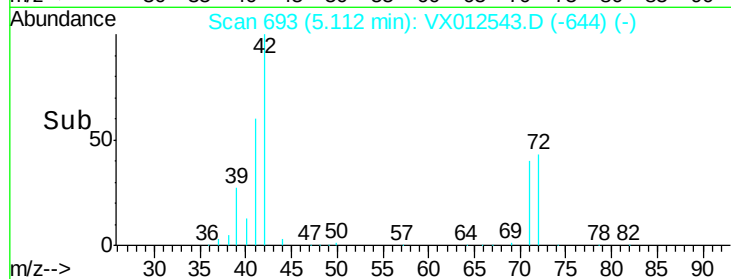
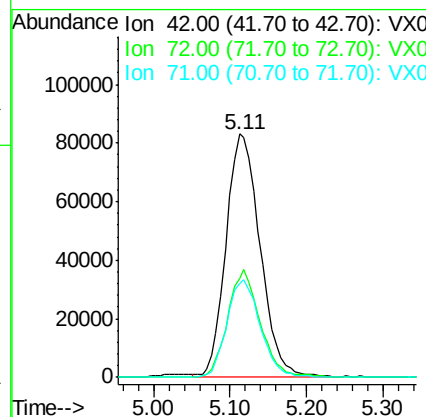
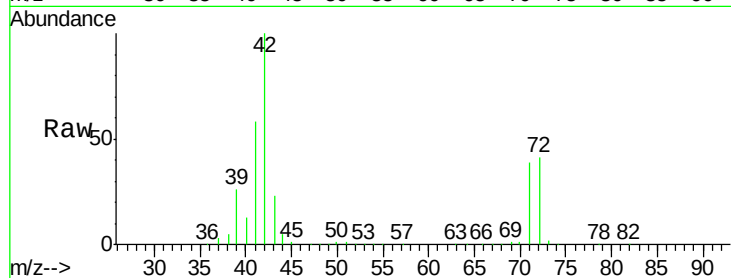
#29
Tetrahydrofuran
Concen: 252.819 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.0	51.0
71	39.5	31.5	47.3

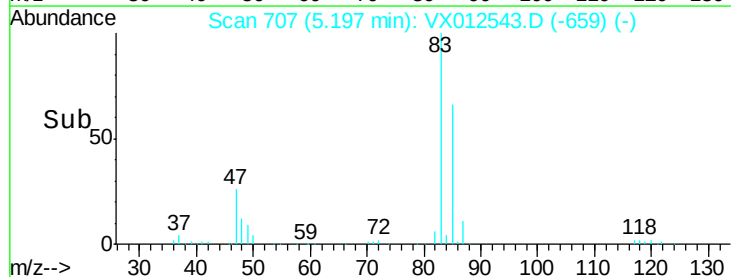
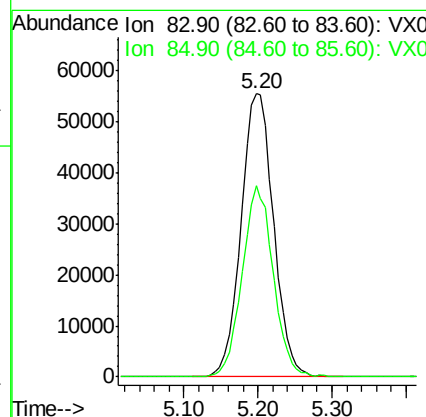
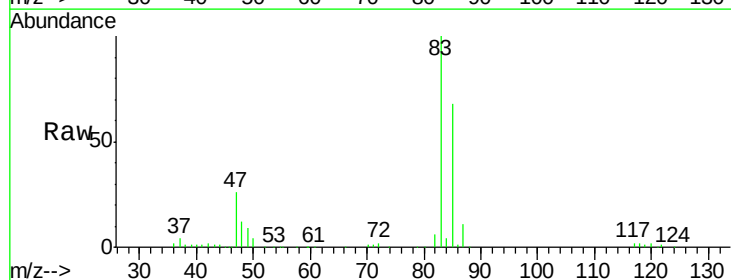
Manual Integrations
APPROVED

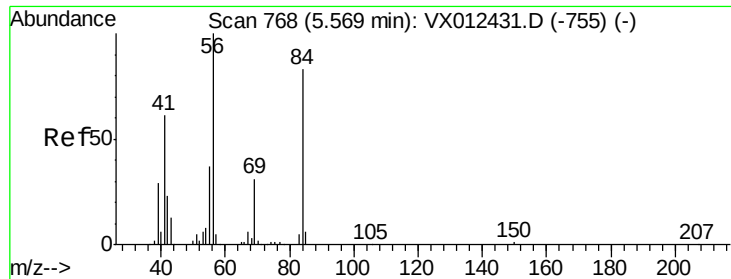
MMDadoda
9/20/2019 10:46:24 AM



#30
Chloroform
Concen: 49.162 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.0	79.4





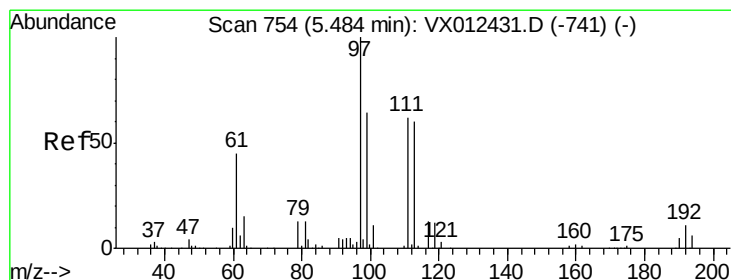
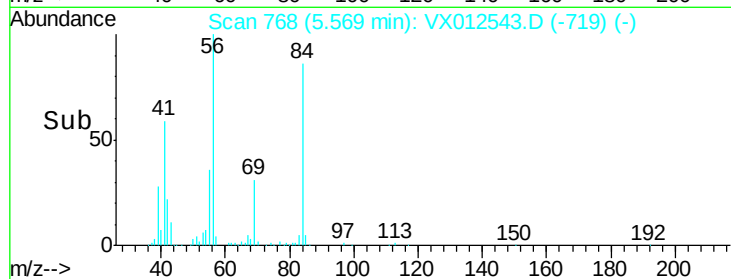
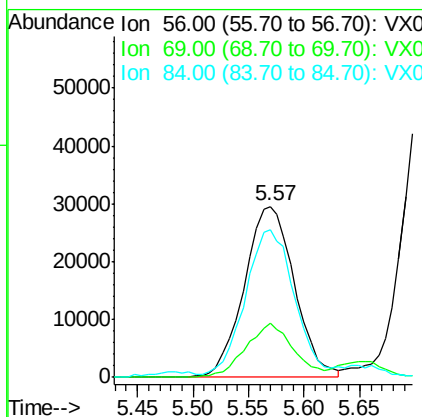
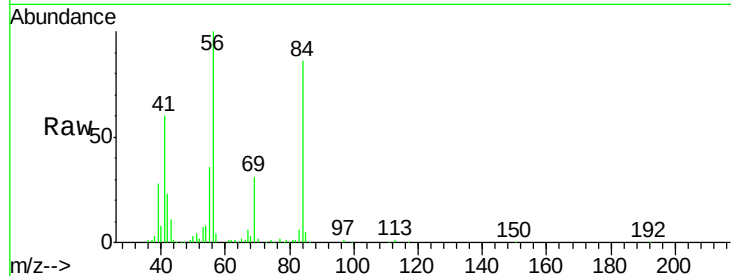
#31
Cyclohexane
Concen: 50.513 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.5	25.0	37.6	
84	83.3	66.4	99.6	

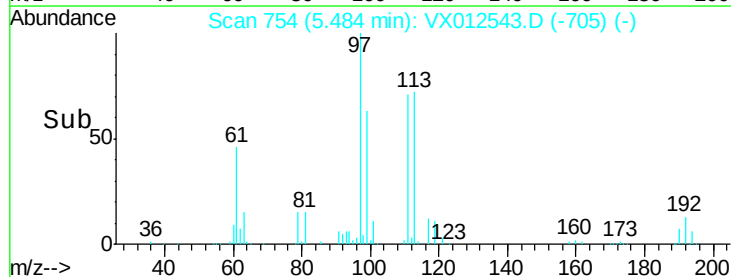
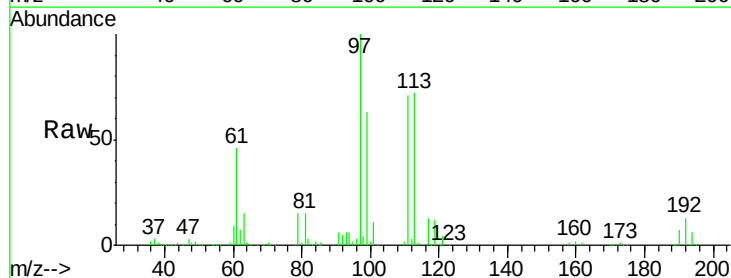
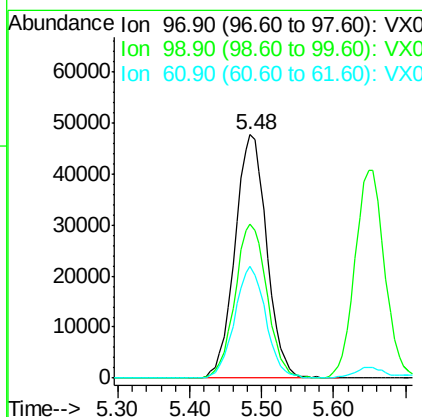
Manual Integrations
APPROVED

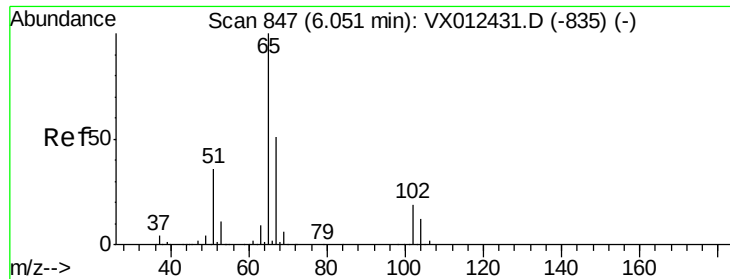
MMDadoda
9/20/2019 10:46:24 AM



#32
1,1,1-Trichloroethane
Concen: 50.395 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	51.3	76.9	
61	45.2	36.1	54.1	





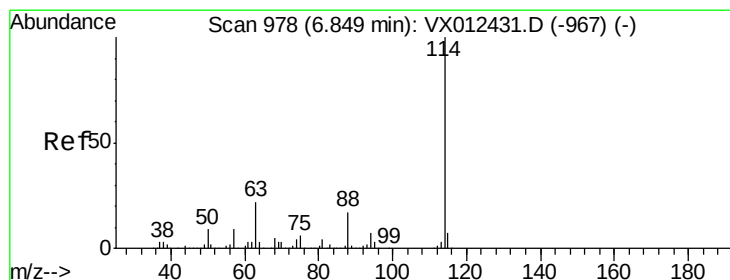
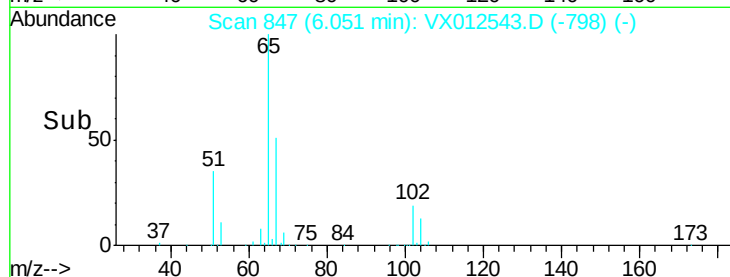
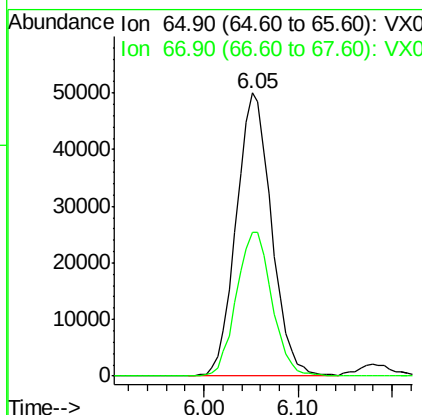
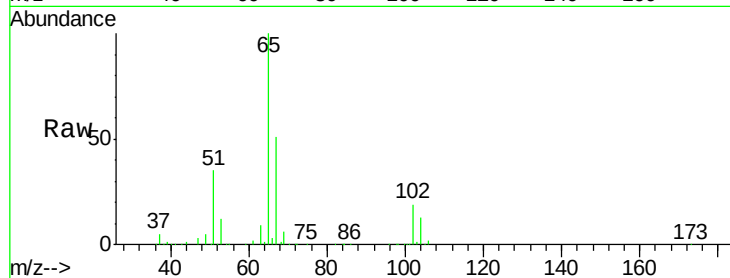
#33
 1,2-Dichloroethane-d4
 Concen: 49.711 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.2

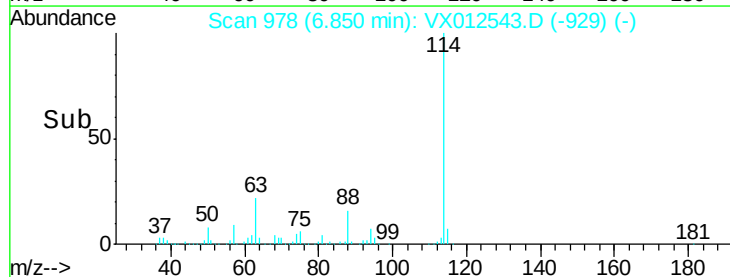
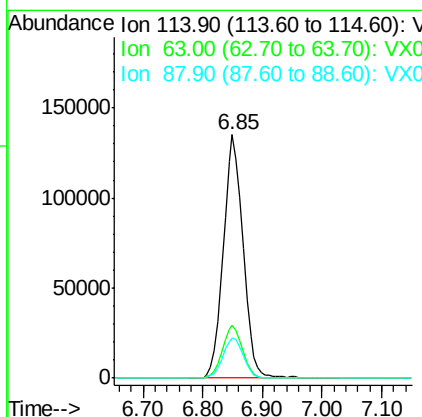
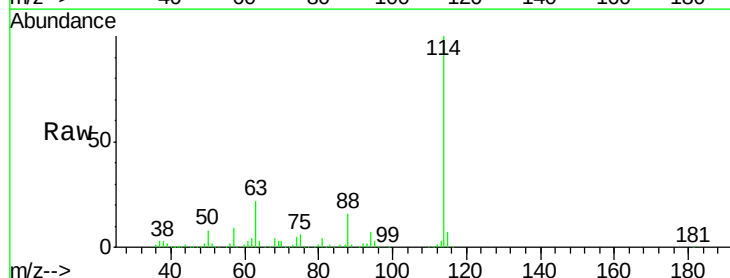
Manual Integrations
 APPROVED

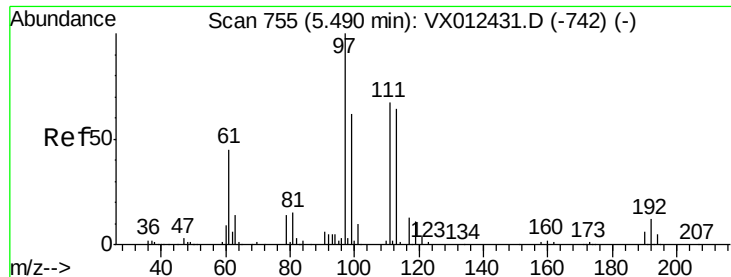
MMDadoda
 9/20/2019 10:46:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.5	0.0	33.2





#35

Dibromofluoromethane

Concen: 50.903 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

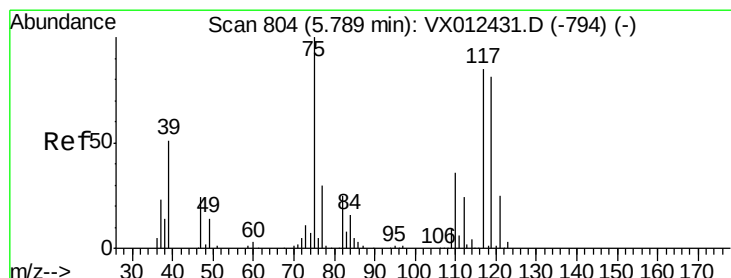
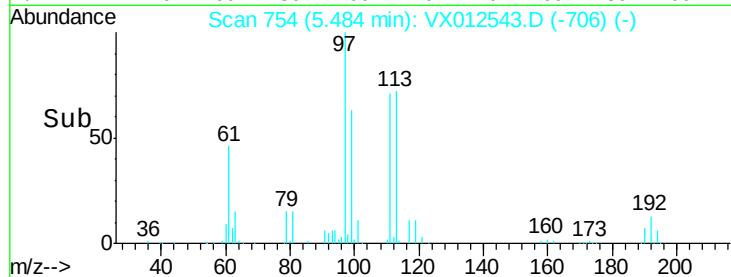
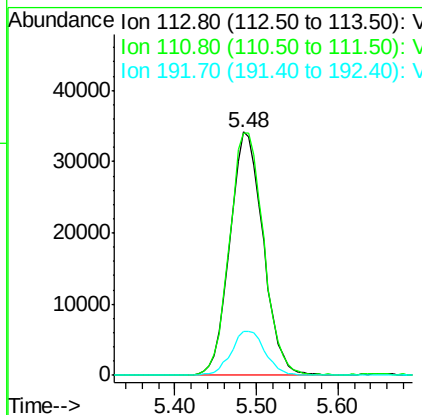
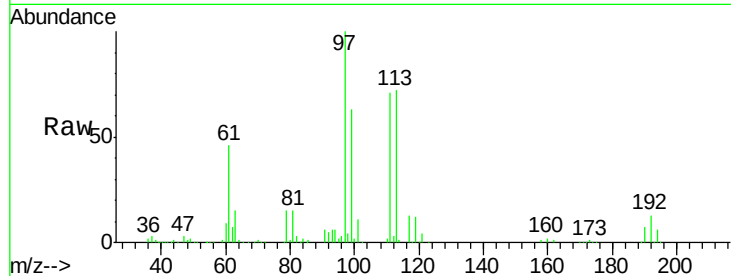
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	96307
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.4	125.2
192	18.4	14.4	21.6

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#36

1,1-Dichloropropene

Concen: 49.340 ug/l

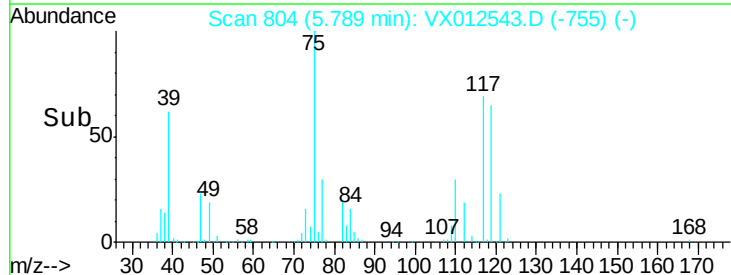
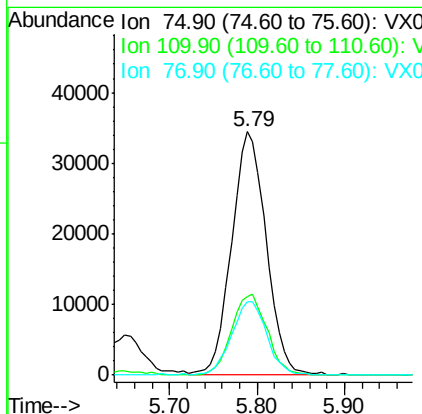
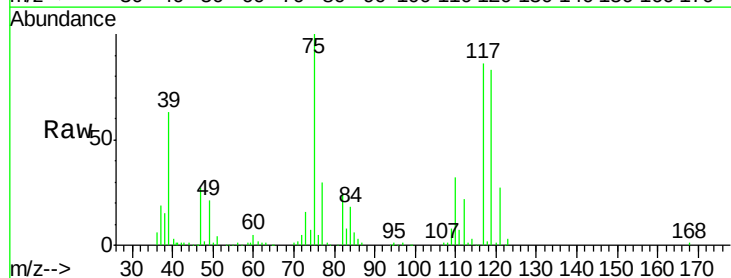
RT: 5.79 min Scan# 804

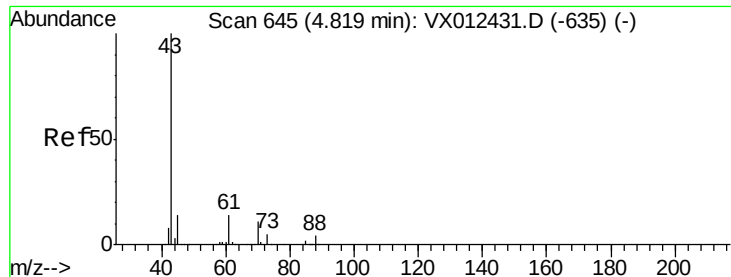
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	75	Resp:	93734
Ion Ratio	Lower	Upper	
75	100		
110	34.4	16.7	50.0
77	31.1	24.2	36.2





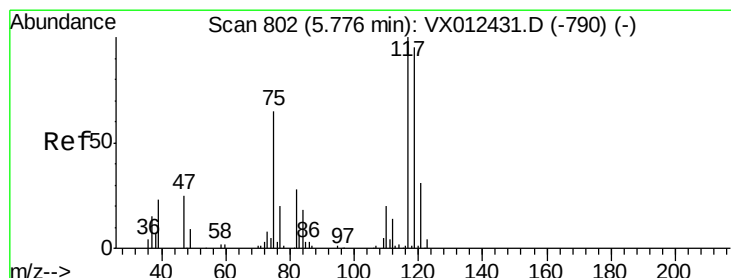
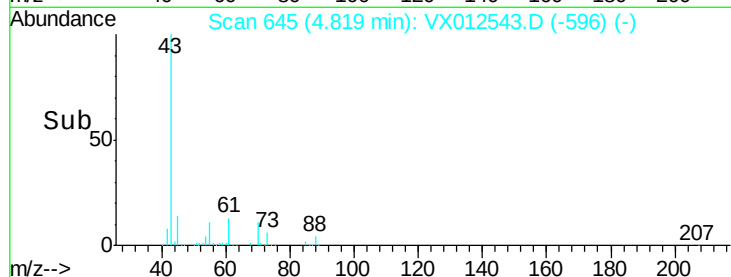
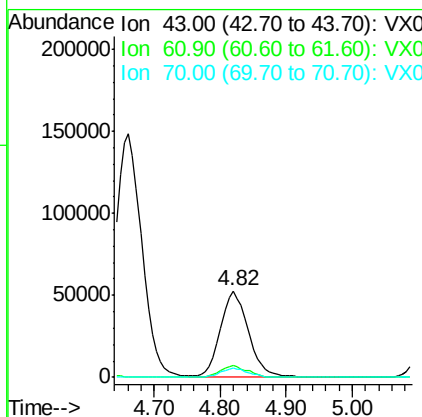
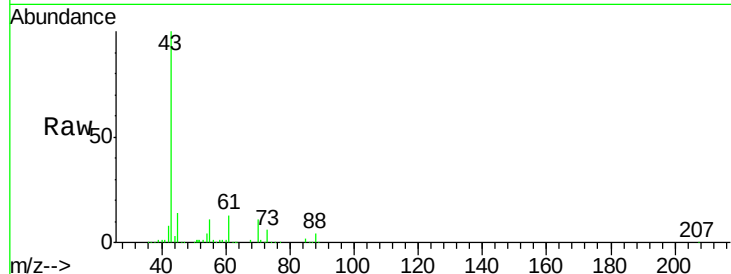
#37
Ethyl Acetate
Concen: 52.513 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	11.0	8.7	13.1

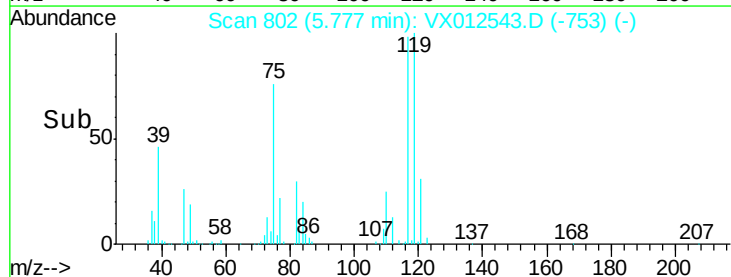
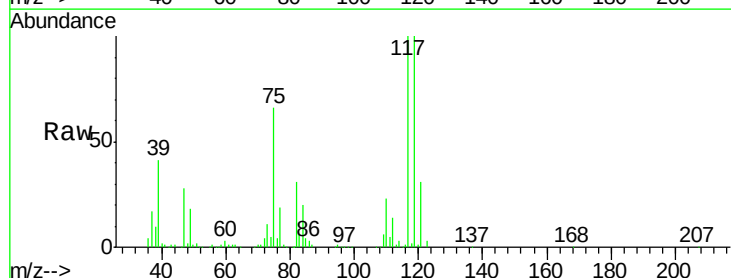
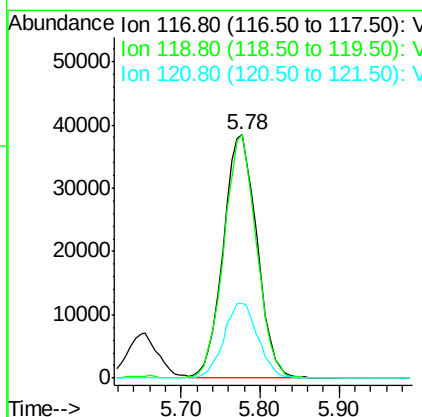
Manual Integrations
APPROVED

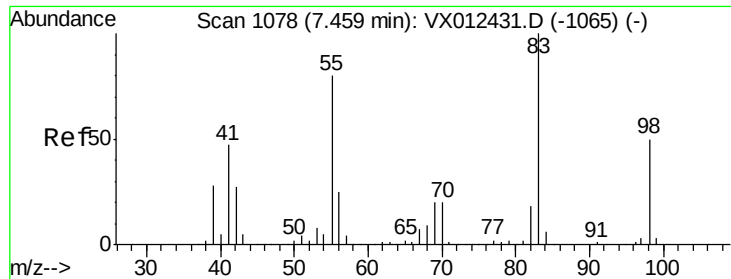
MMDadoda
9/20/2019 10:46:24 AM



#38
Carbon Tetrachloride
Concen: 48.343 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.7	113.5
121	30.8	24.2	36.4





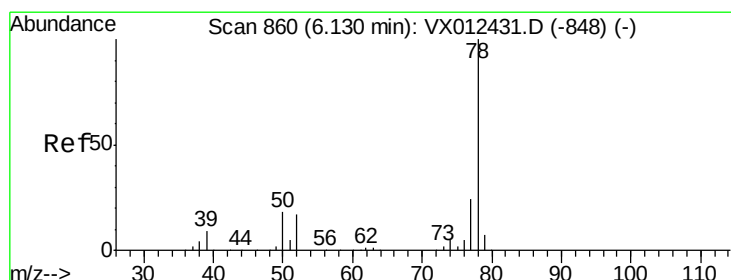
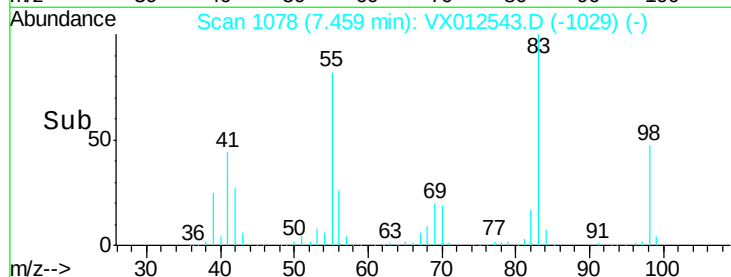
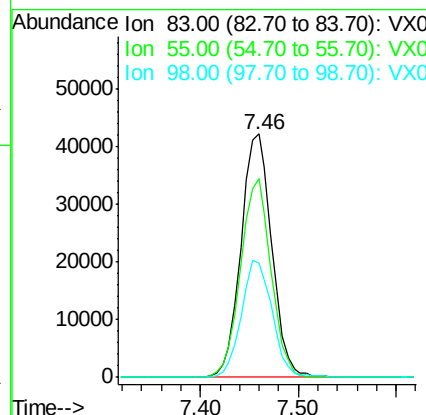
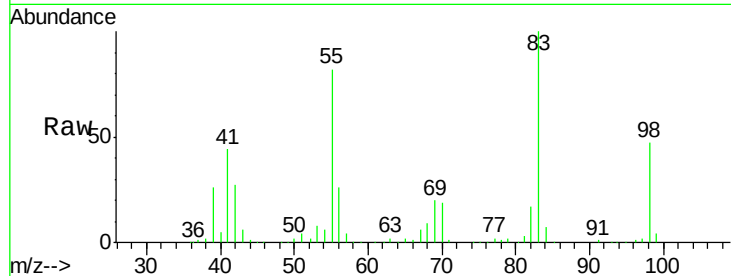
#39
Methylvlcyclohexane
Concen: 49.975 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	92296
Ion Ratio	100	Lower	Upper
83	100		
55	81.7	64.4	96.6
98	47.1	40.1	60.1

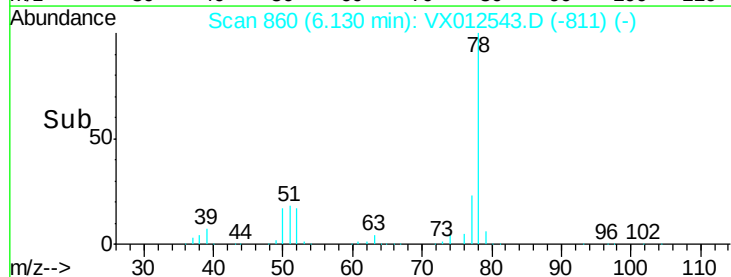
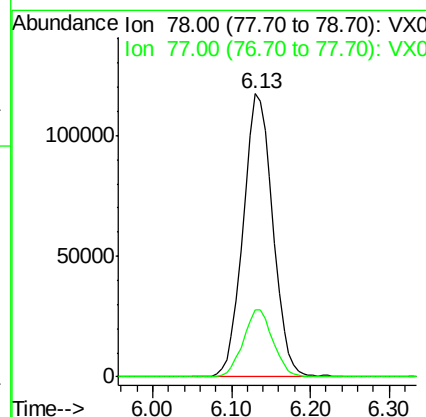
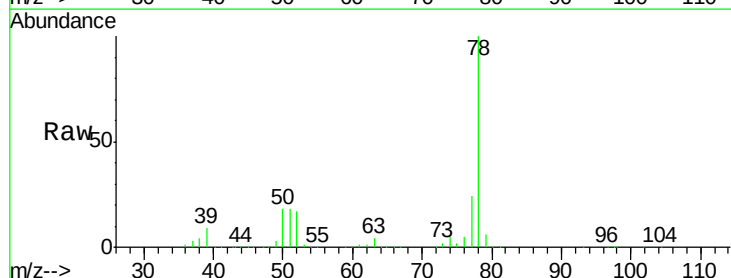
Manual Integrations
APPROVED

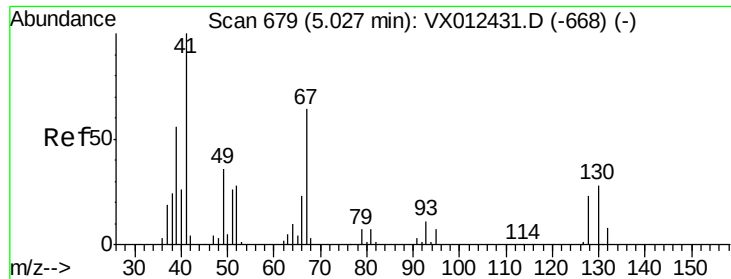
MMDadoda
9/20/2019 10:46:24 AM



#40
Benzene
Concen: 50.806 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	78	Resp	306930
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 49.720 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

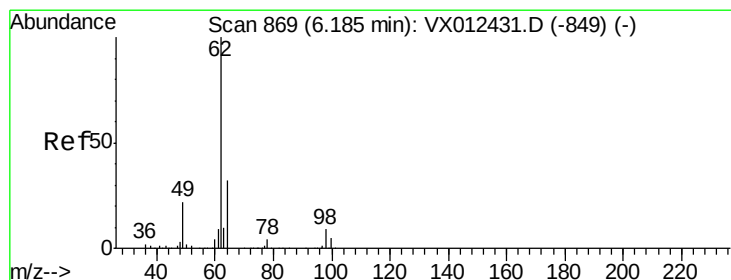
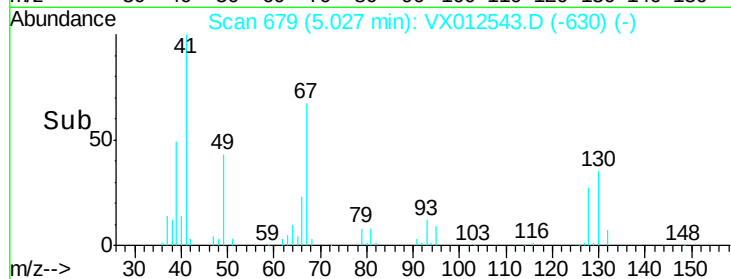
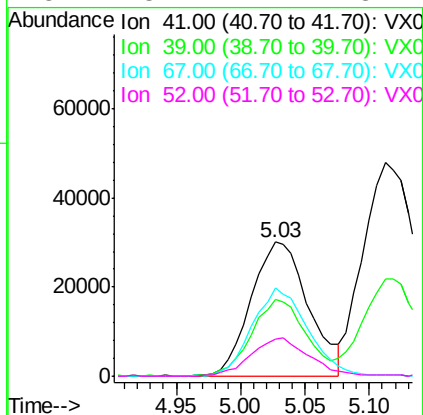
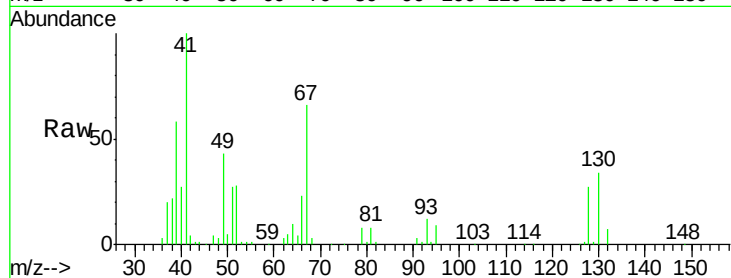
ClientSampled :

VSTDCCC050EC

Tot Ion:	41	Resp:	93360
Ion Ratio	Lower	Upper	
41	100		
39	53.3	46.0	69.0
67	64.0	52.2	78.2
52	28.1	22.7	34.1

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#42

1,2-Dichloroethane

Concen: 49.083 ug/l

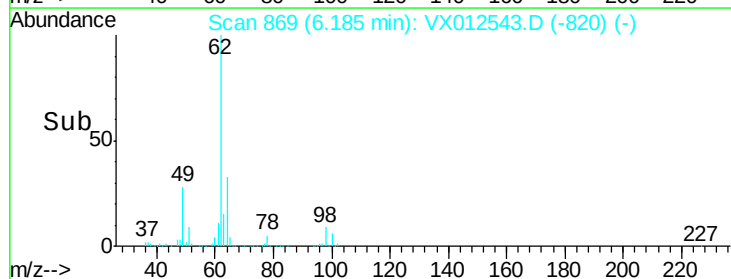
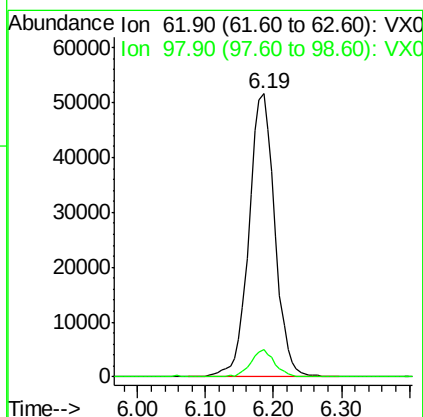
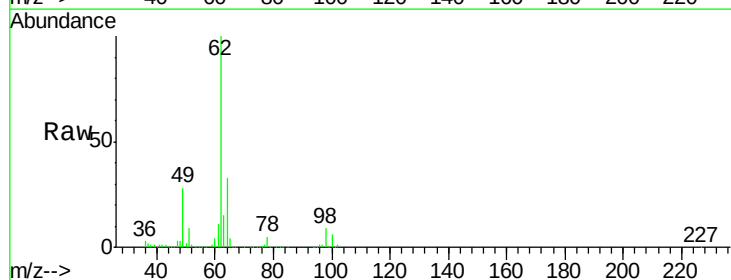
RT: 6.19 min Scan# 869

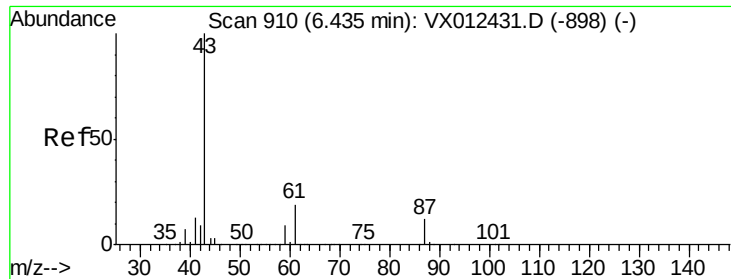
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	62	Resp:	137530
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	17.8





#43

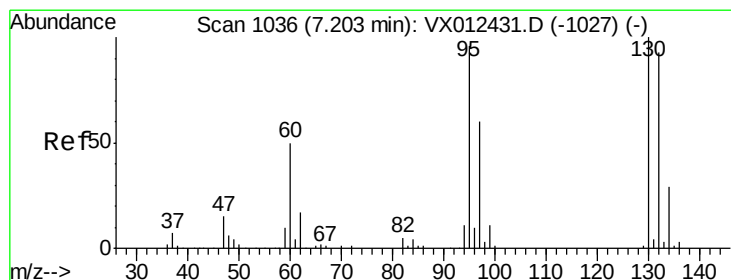
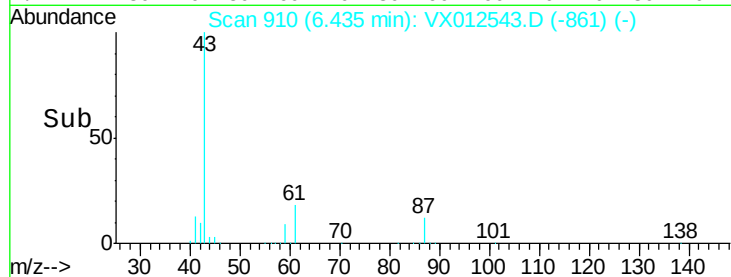
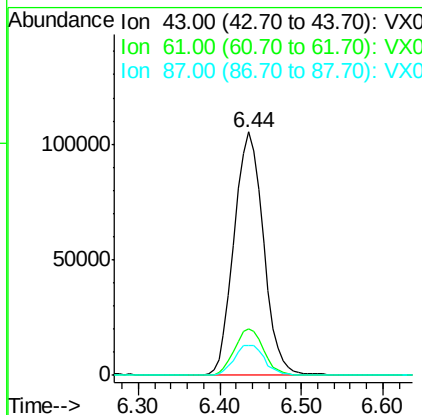
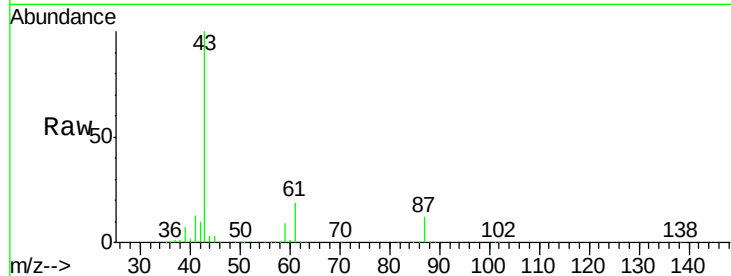
Isopropyl Acetate
 Concen: 50.387 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	12.7	9.8	14.8

Manual Integrations
 APPROVED

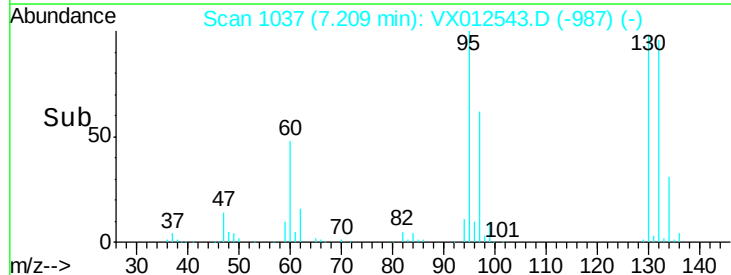
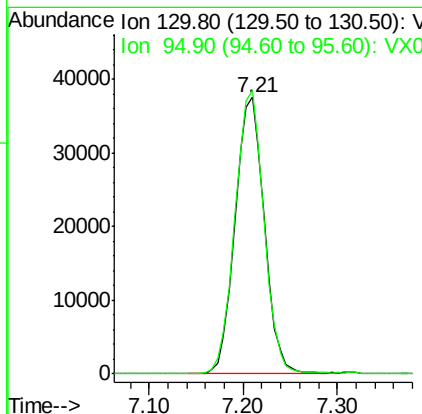
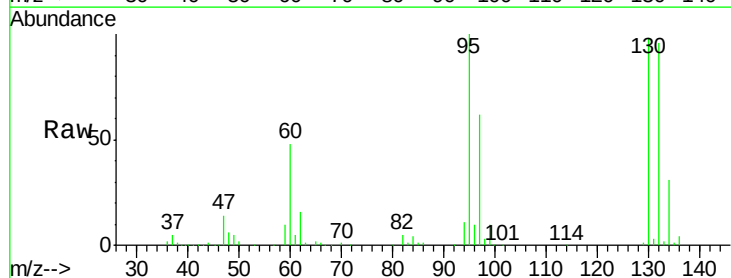
MMDadoda
 9/20/2019 10:46:24 AM

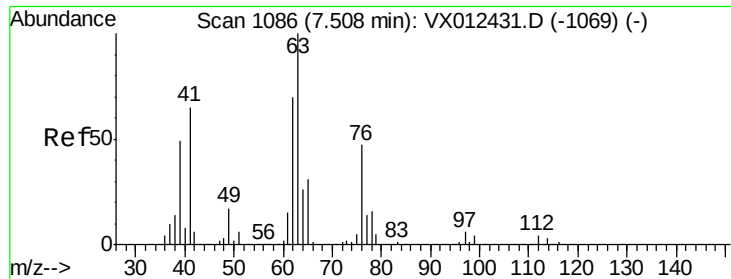


#44

Trichloroethene
 Concen: 51.151 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	193.0





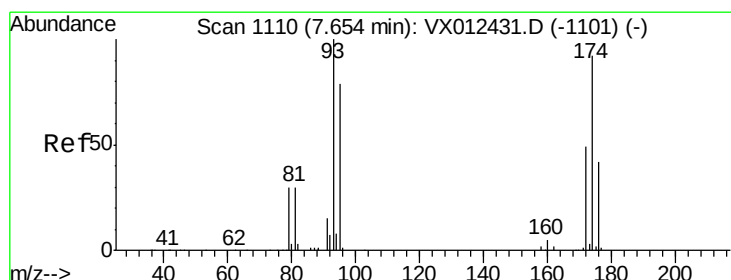
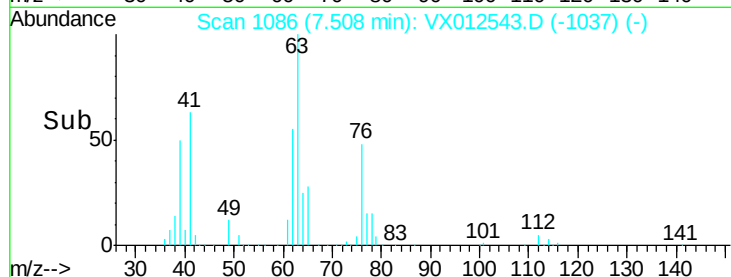
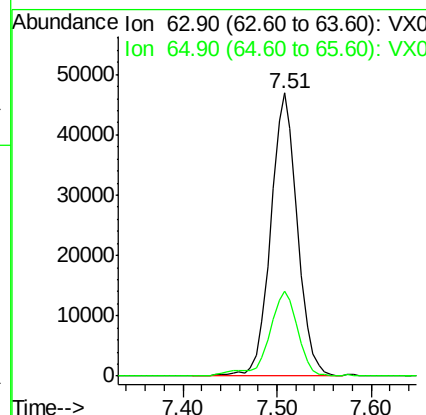
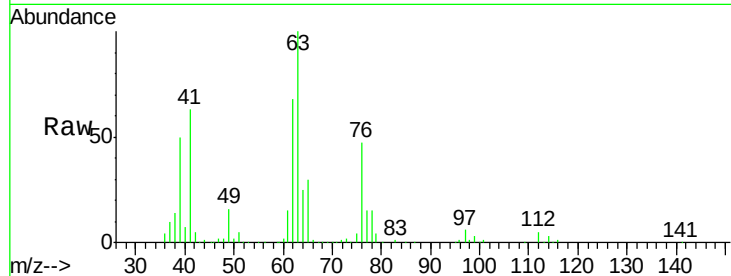
#45
 1,2-Dichloropropane
 Concen: 50.309 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 93374
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

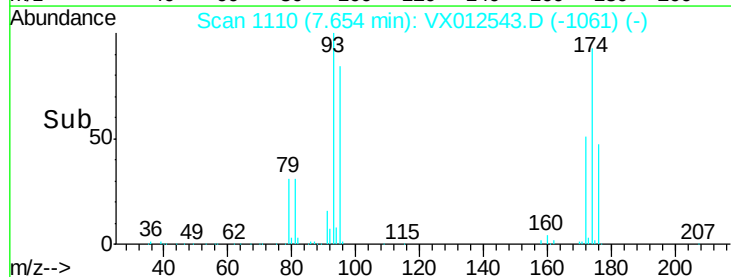
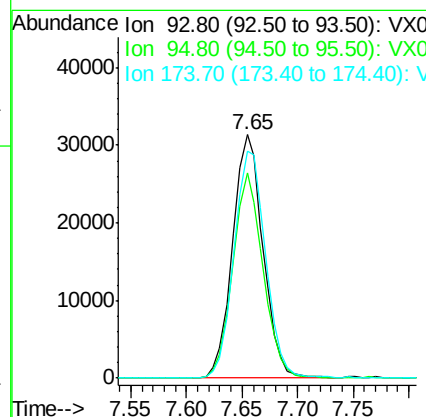
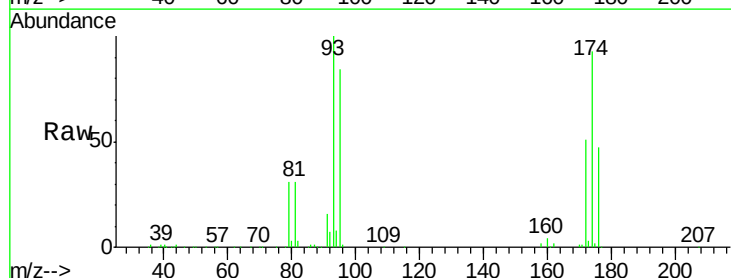
Manual Integrations
 APPROVED

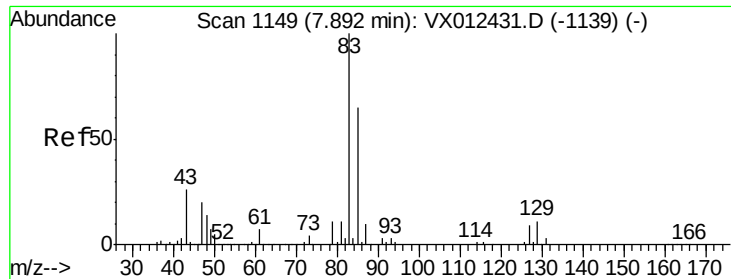
MMDadoda
 9/20/2019 10:46:24 AM



#46
 Dibromomethane
 Concen: 49.540 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 93 Resp: 59501
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 97.0 77.4 116.0





#47

Bromodichloromethane

Concen: 50.586 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

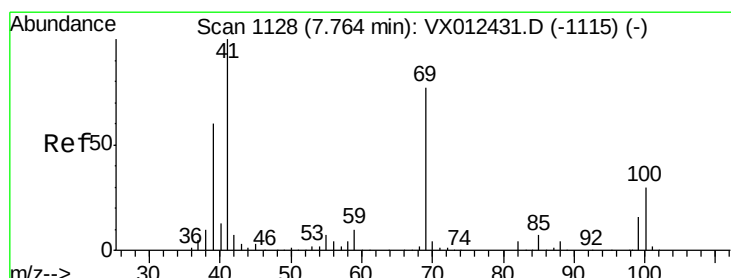
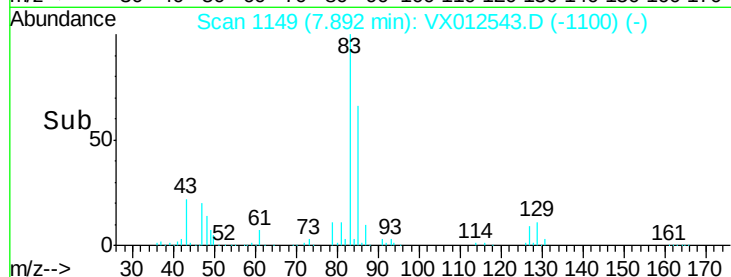
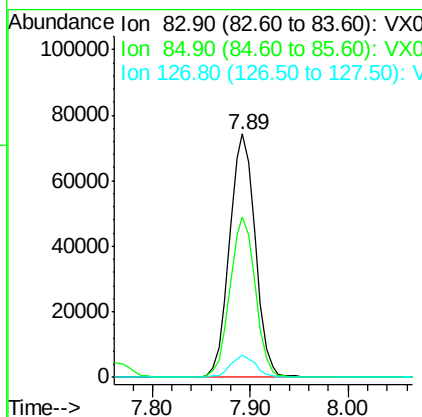
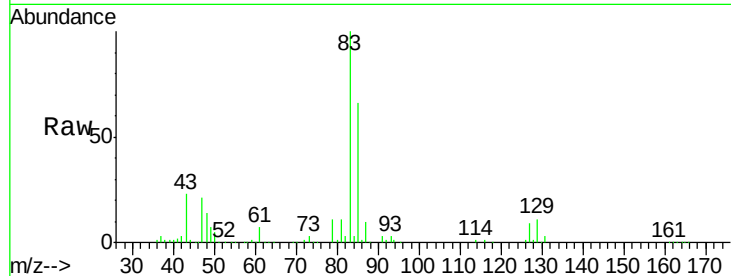
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	135281
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.8	77.6
127	8.9	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#48

Methyl methacrylate

Concen: 50.227 ug/l

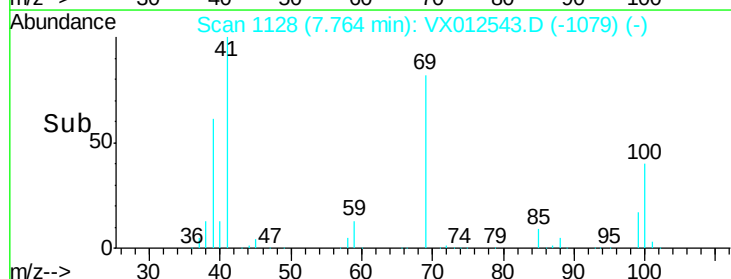
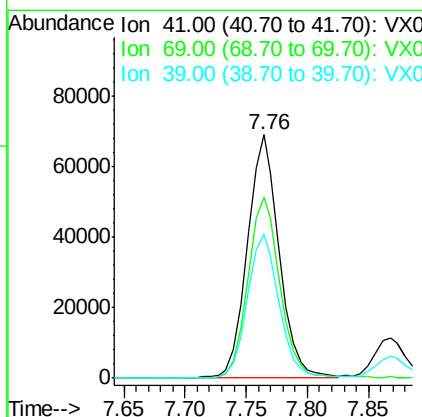
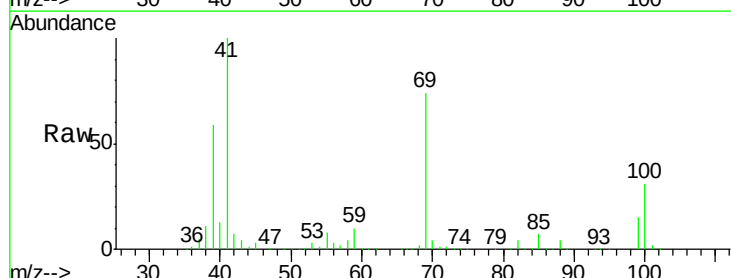
RT: 7.76 min Scan# 1128

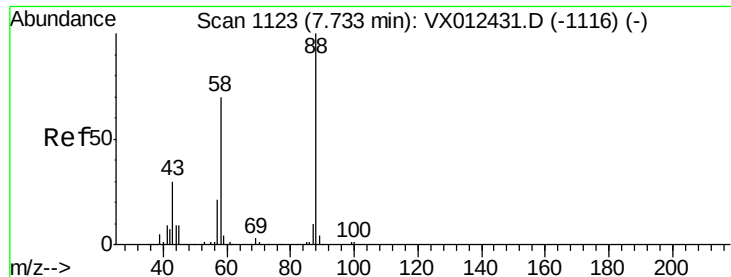
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	41	Resp:	123922
Ion Ratio	Lower	Upper	
41	100		
69	75.8	59.9	89.9
39	59.3	47.8	71.6





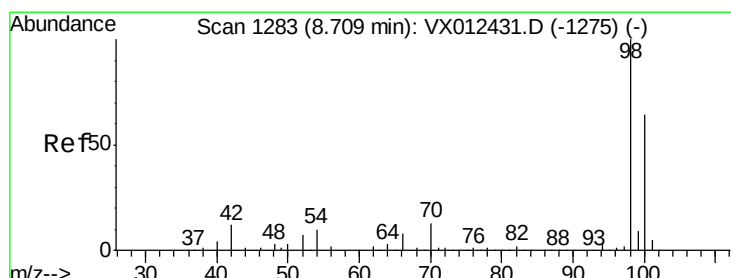
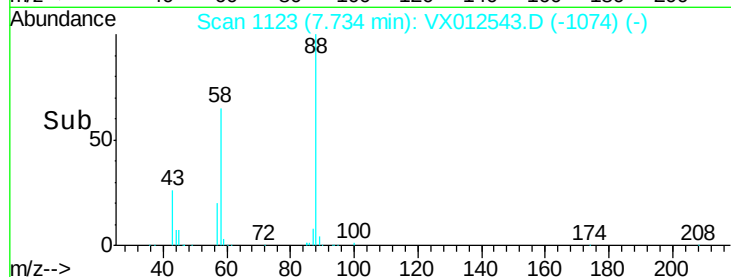
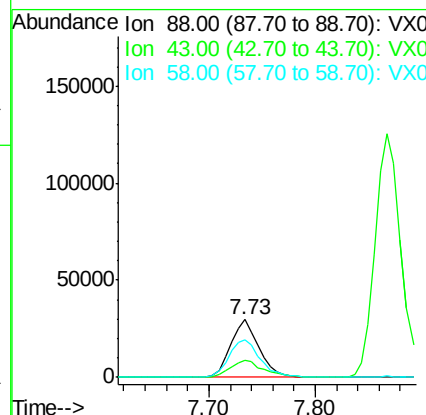
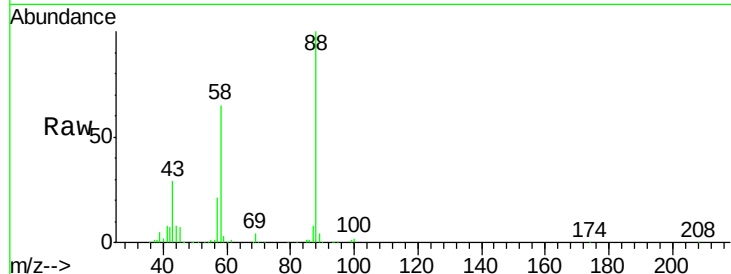
#49
 1,4-Dioxane
 Concen: 929.108 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	29.4	44.0
58	72.4	57.5	86.3

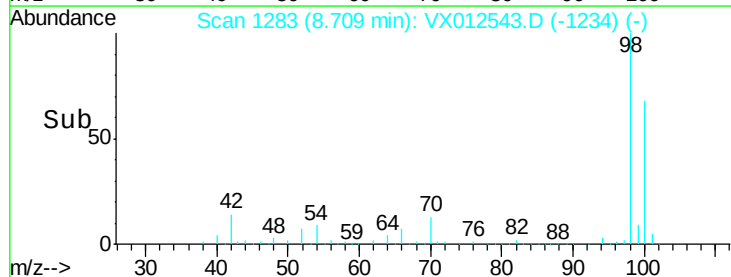
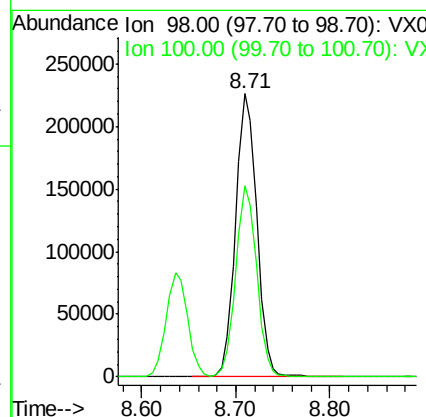
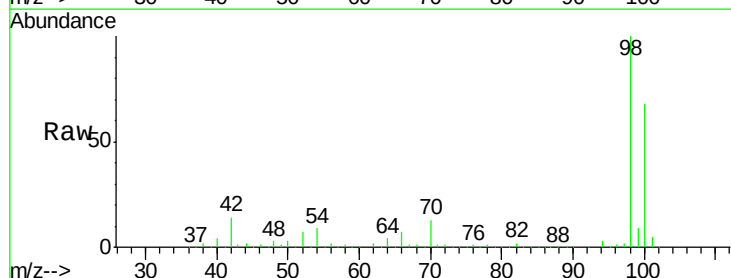
Manual Integrations
 APPROVED

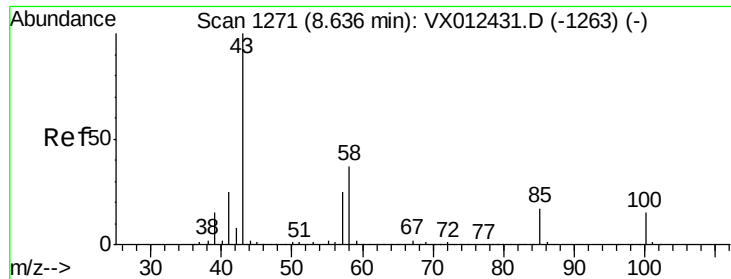
MMDadoda
 9/20/2019 10:46:24 AM



#50
 Toluene-d8
 Concen: 50.608 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 248.269 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 852151

Ion Ratio Lower Upper

43 100

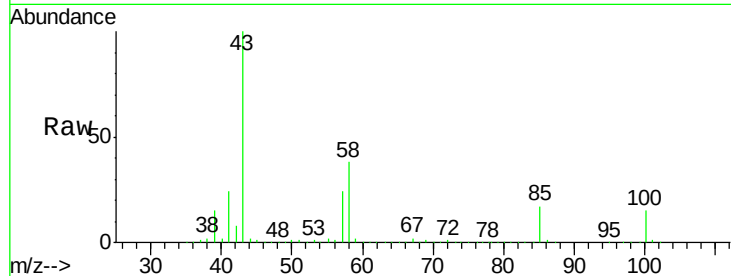
58 37.8 29.8 44.6

Manual Integrations

APPROVED

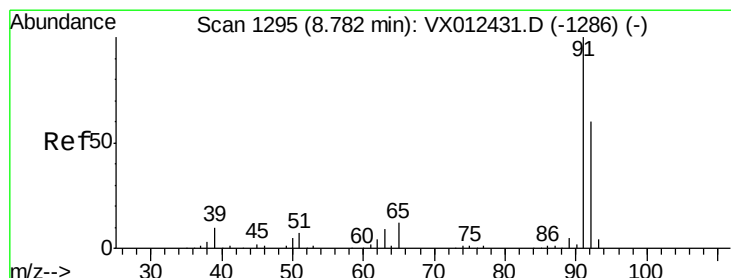
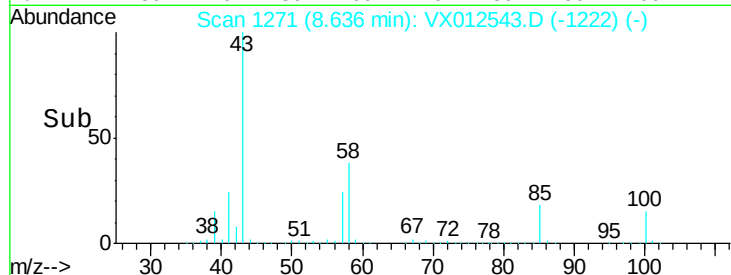
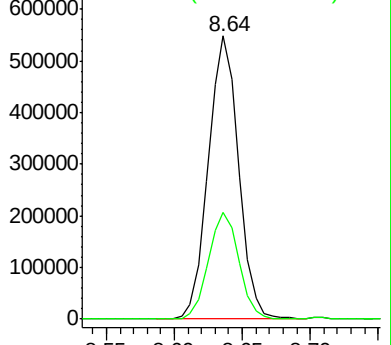
MMDadoda

9/20/2019 10:46:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.414 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012543.D

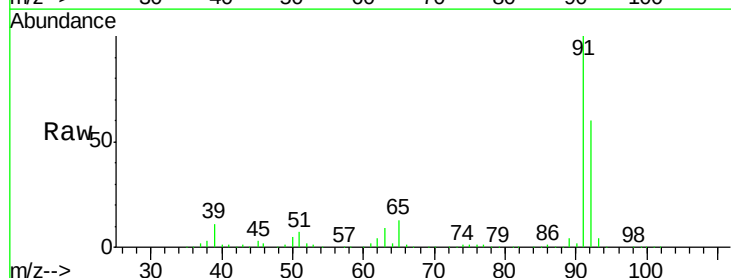
Acq: 19 Sep 2019 21:00

Tgt Ion: 92 Resp: 196251

Ion Ratio Lower Upper

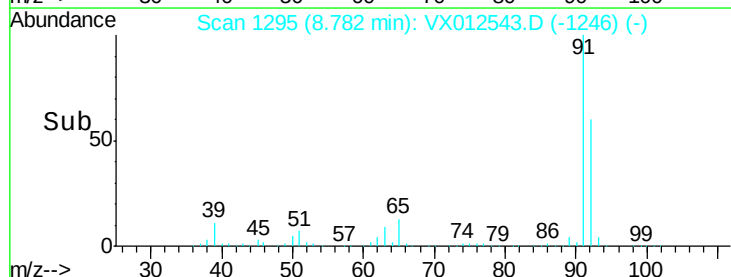
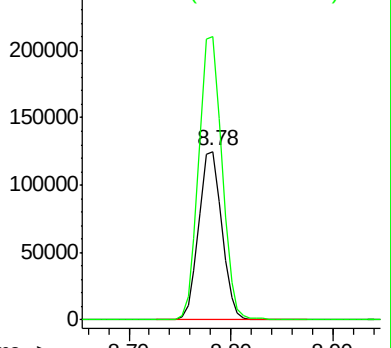
92 100

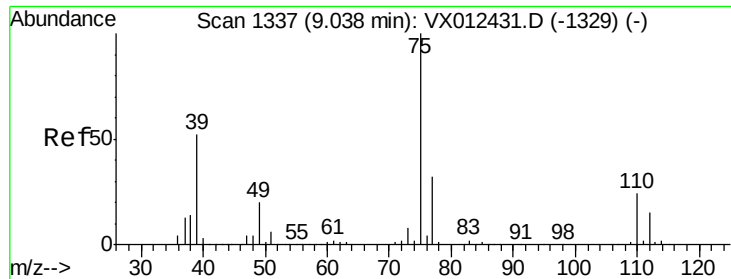
91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





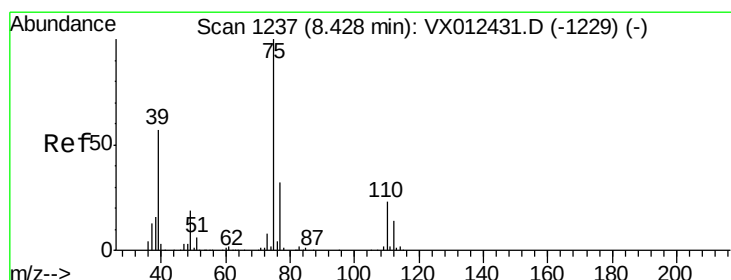
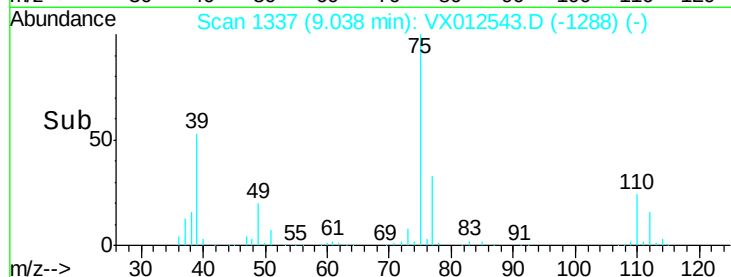
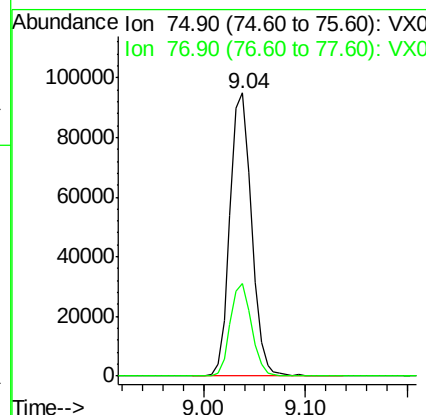
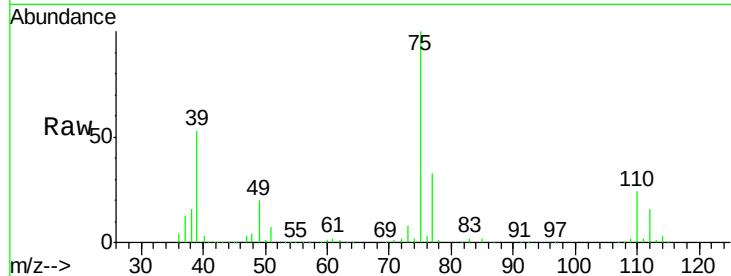
#53
 t-1,3-Dichloropropene
 Concen: 50.143 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 139393
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8

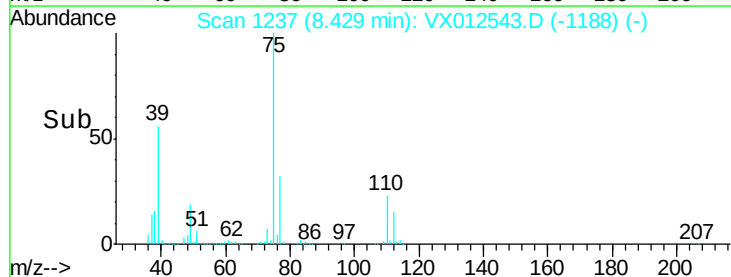
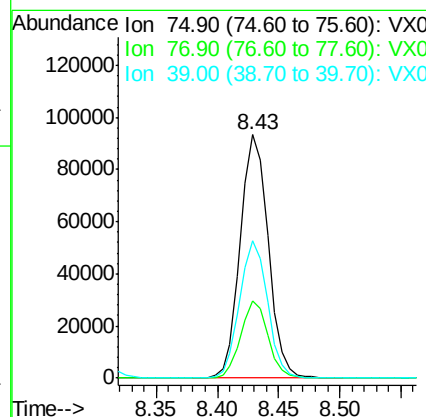
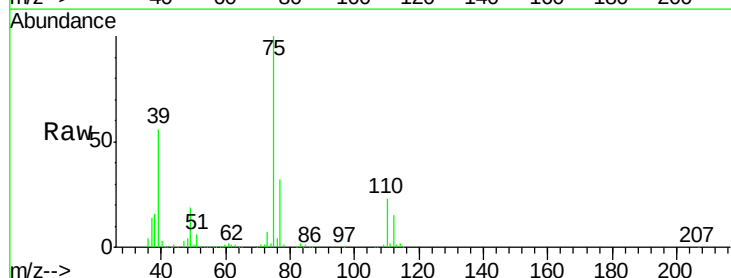
Manual Integrations
 APPROVED

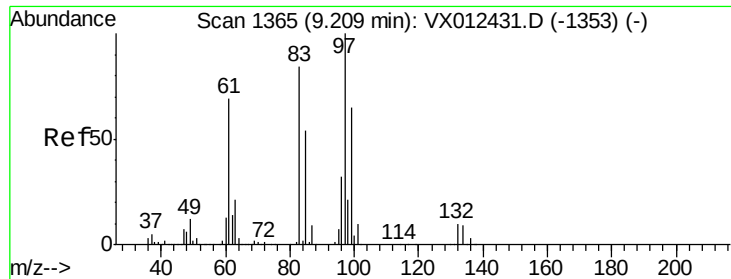
MMDadoda
 9/20/2019 10:46:24 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.509 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 75 Resp: 148241
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 56.4 45.5 68.3





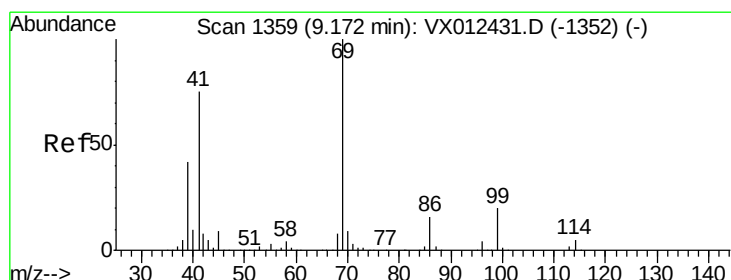
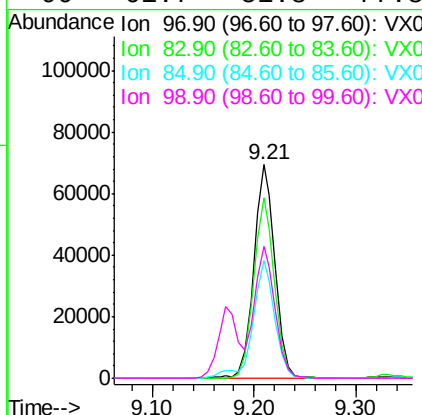
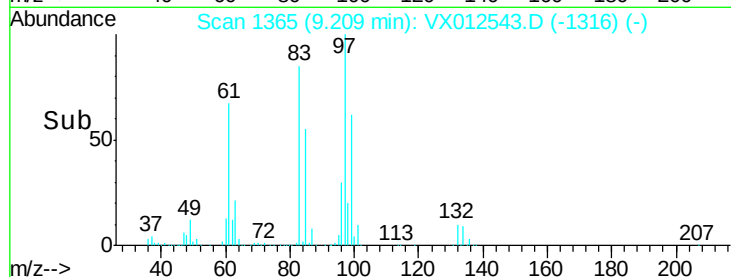
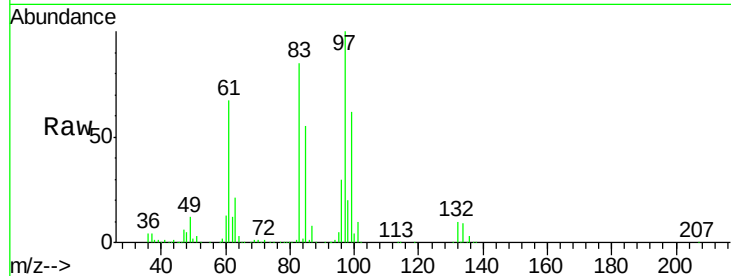
#55
 1,1,2-Trichloroethane
 Concen: 50.338 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion:	97	Resp:	100954
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.2
85	55.3	43.5	65.3
99	61.7	51.8	77.8

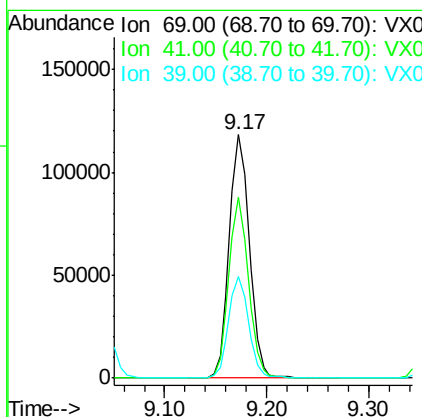
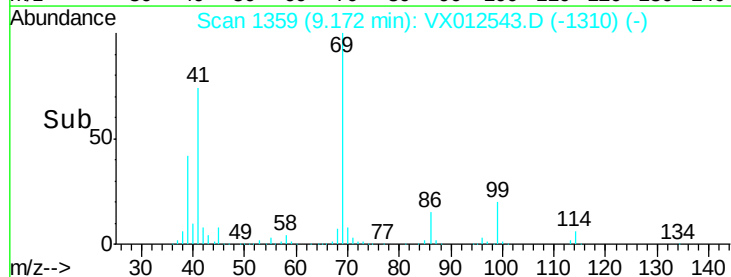
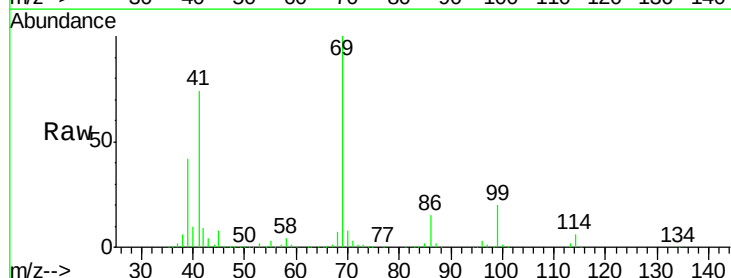
Manual Integrations
 APPROVED

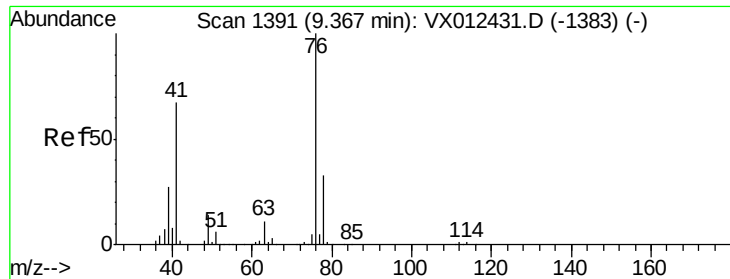
MMDadoda
 9/20/2019 10:46:24 AM



#56
 Ethyl methacrylate
 Concen: 51.765 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion:	69	Resp:	162316
Ion	Ratio	Lower	Upper
69	100		
41	72.8	58.4	87.6
39	41.1	33.4	50.0





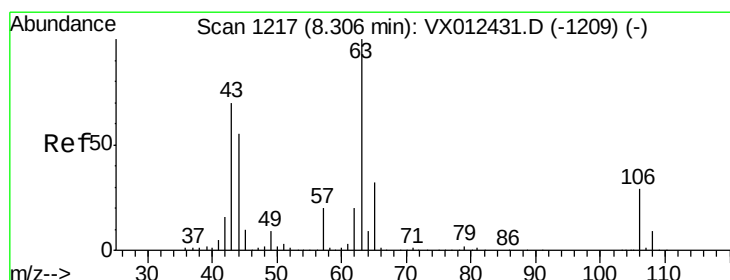
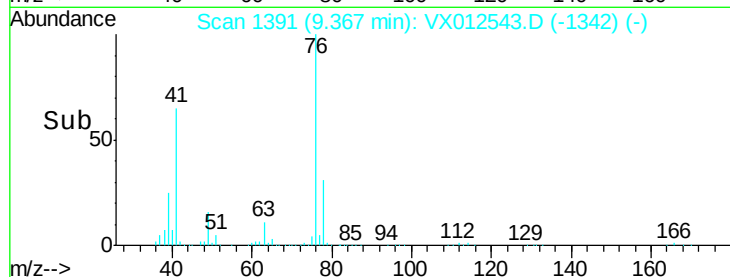
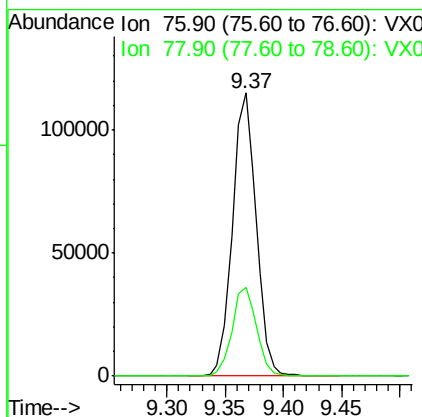
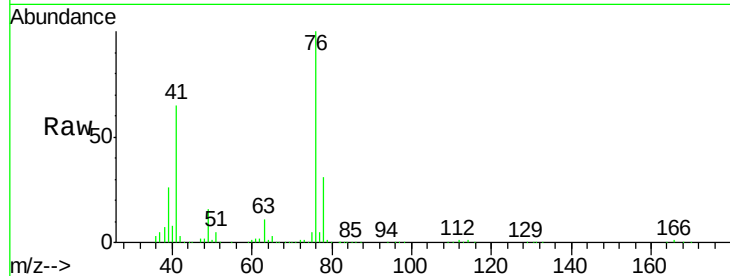
#57
 1,3-Dichloropropane
 Concen: 51.279 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 164086
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

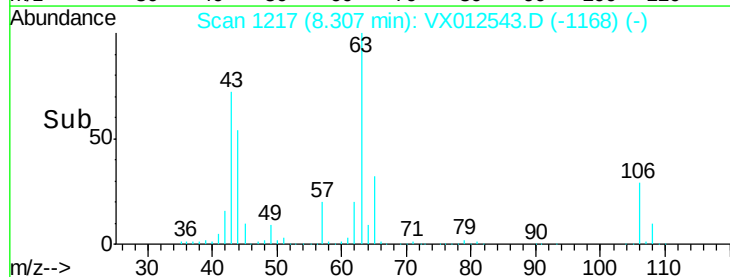
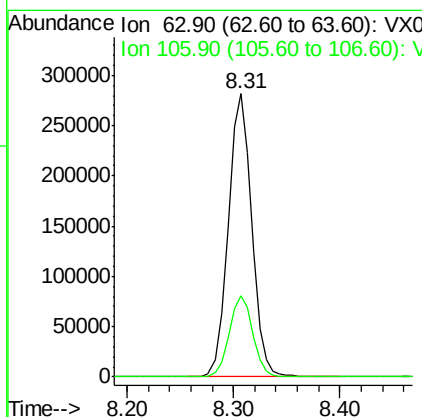
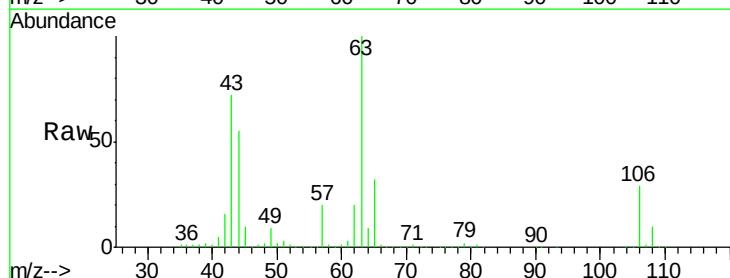
Manual Integrations
 APPROVED

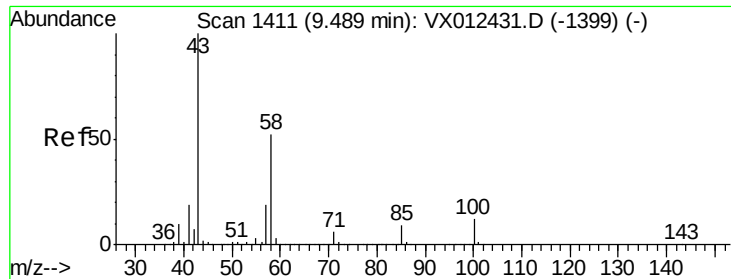
MMDadoda
 9/20/2019 10:46:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.353 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 63 Resp: 433947
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.6





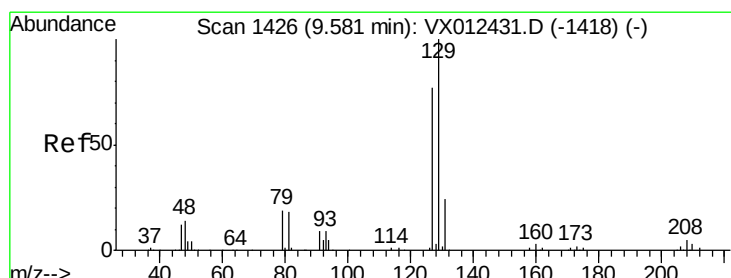
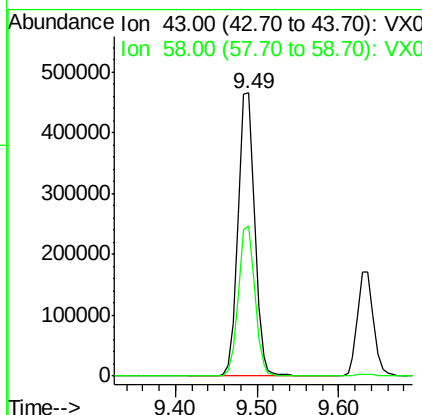
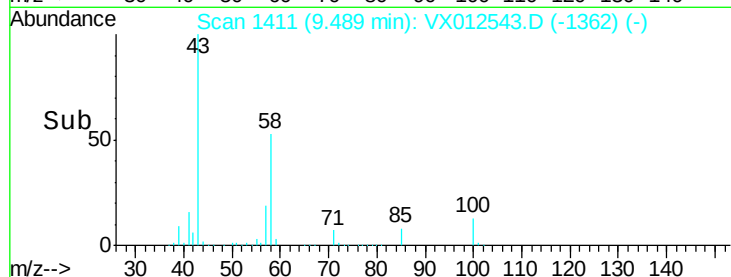
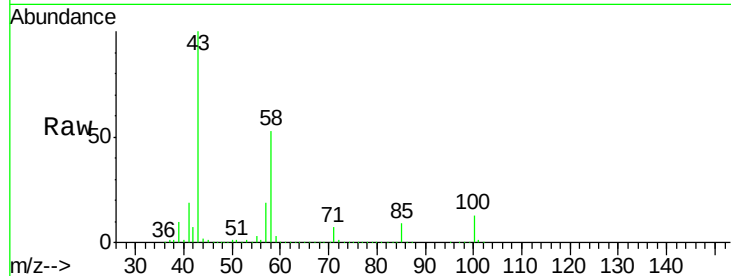
#59
2-Hexanone
Concen: 241.300 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 43 Resp: 646158
Ion Ratio Lower Upper
43 100
58 52.8 25.7 77.1

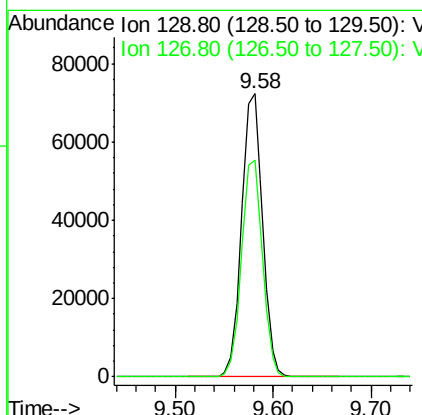
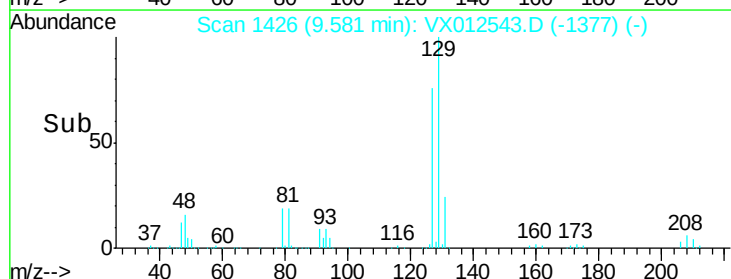
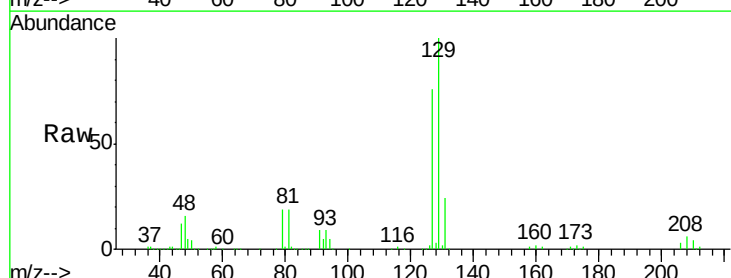
Manual Integrations
APPROVED

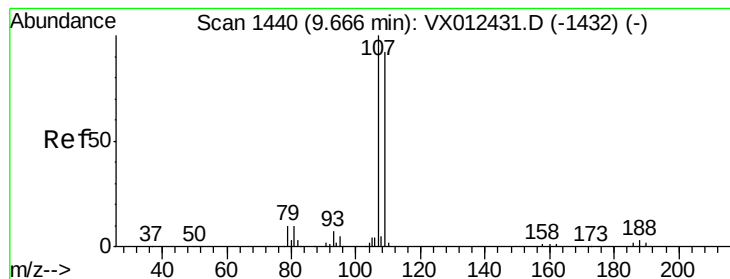
MMDadoda
9/20/2019 10:46:24 AM



#60
Dibromochloromethane
Concen: 52.708 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 129 Resp: 107675
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.307 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 93977

Ion Ratio Lower Upper

107 100

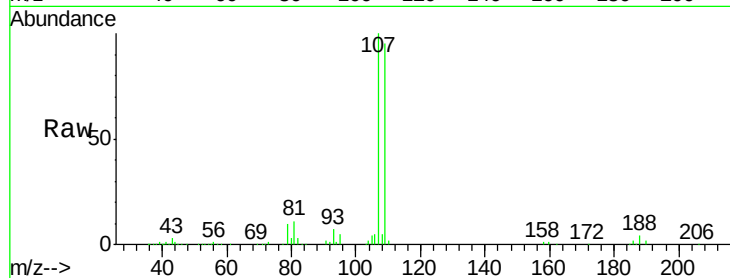
109 95.5 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

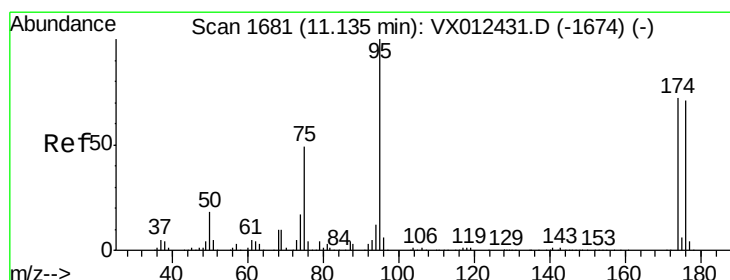
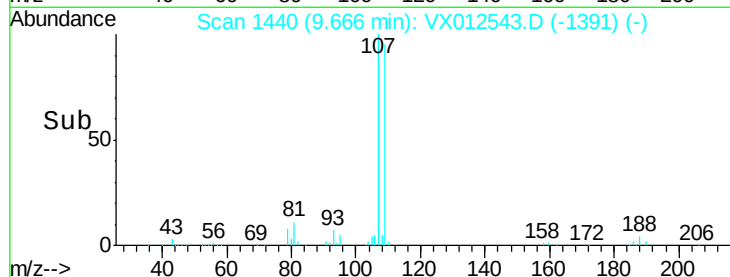
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.366 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

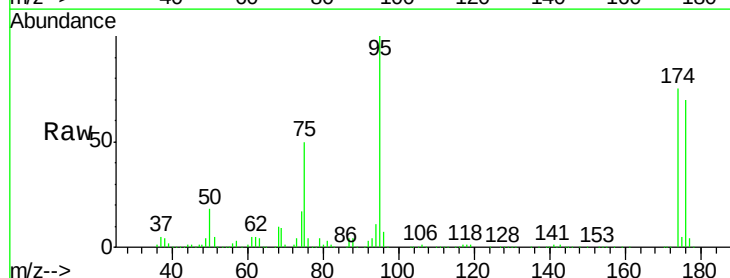
Tgt Ion: 95 Resp: 143542

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.0

176 68.7 0.0 135.4



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

11.14

150000

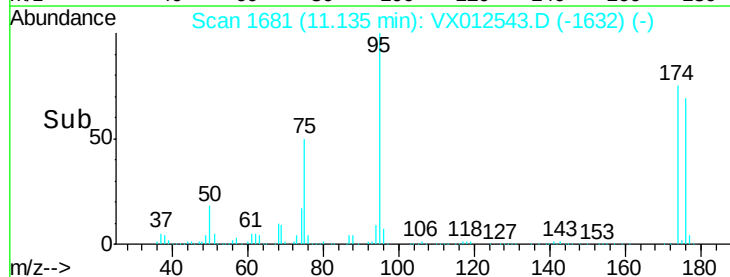
100000

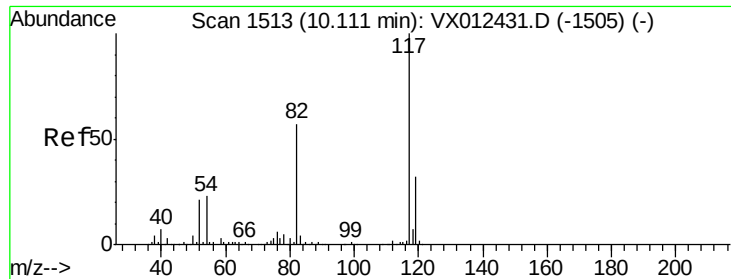
50000

0

Time-->

11.10 11.20





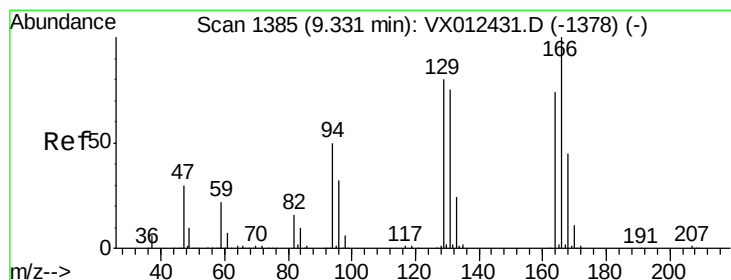
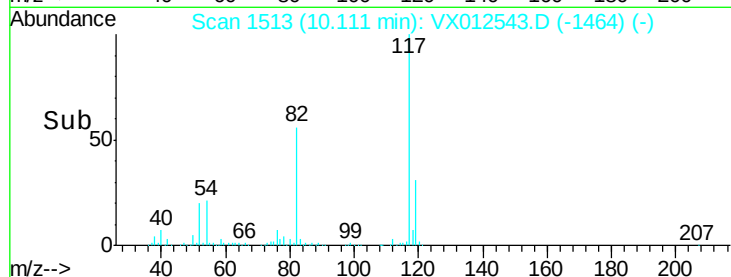
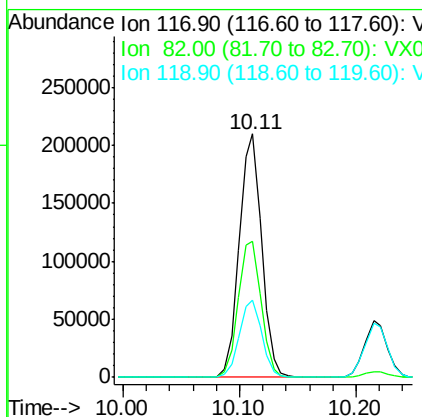
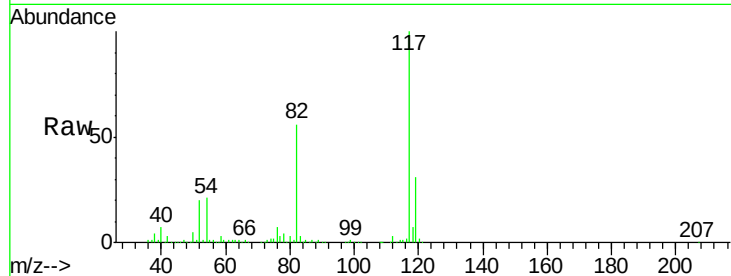
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	282232		
82	56.1	45.9	68.9	
119	31.5	25.3	37.9	

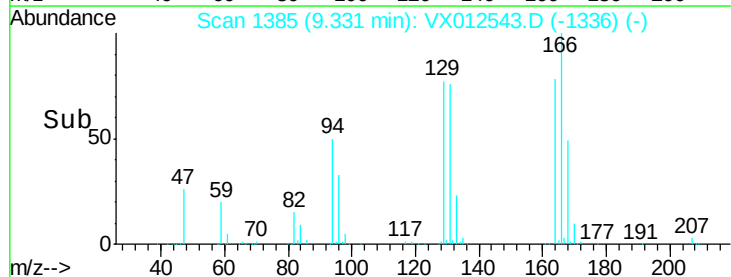
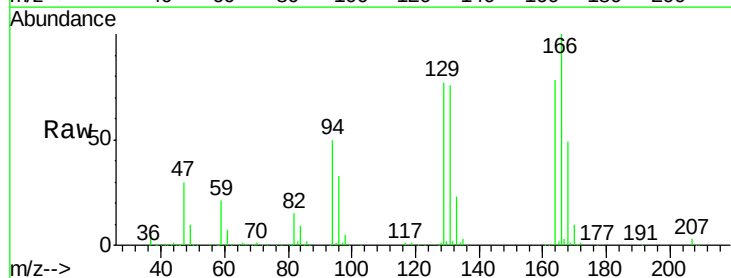
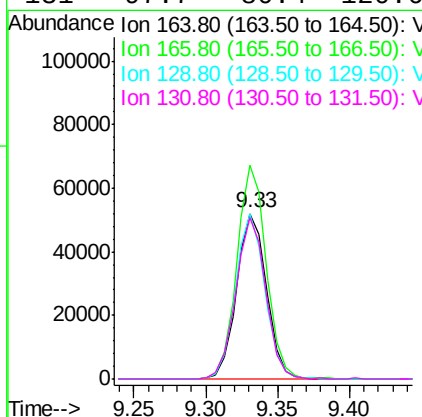
Manual Integrations
APPROVED

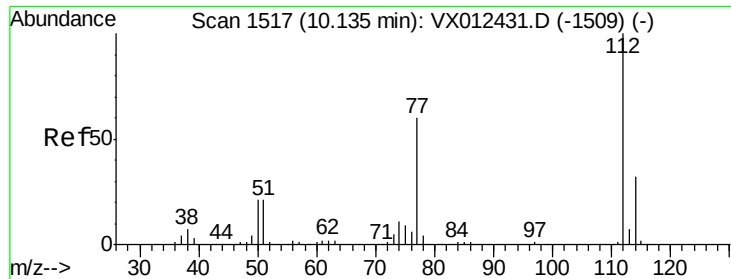
MMDadoda
9/20/2019 10:46:24 AM



#64
Tetrachloroethene
Concen: 58.049 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75074		
166	129.0	107.8	161.6	
129	99.6	86.2	129.2	
131	97.7	80.4	120.6	





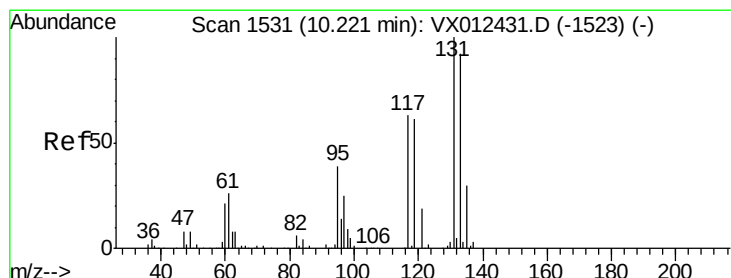
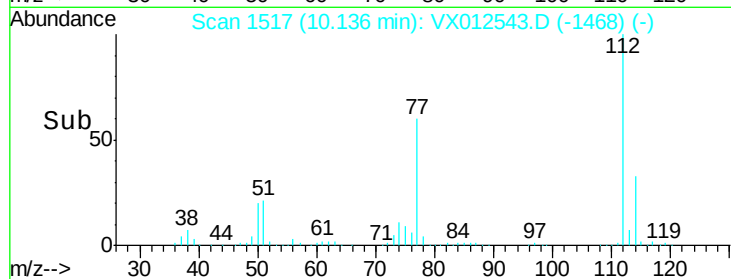
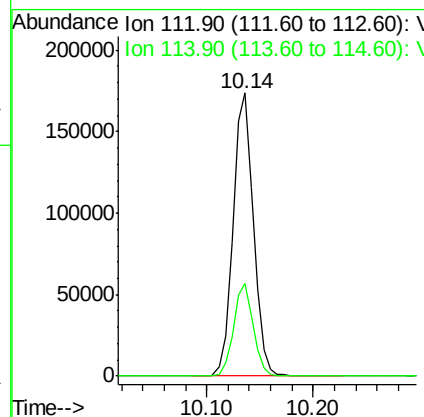
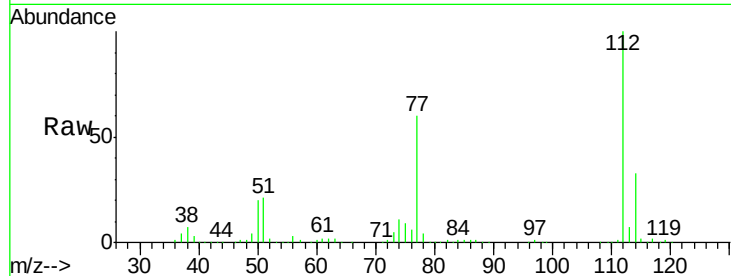
#65
Chlorobenzene
Concen: 50.086 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	233313		
114	32.8	25.4	38.0	

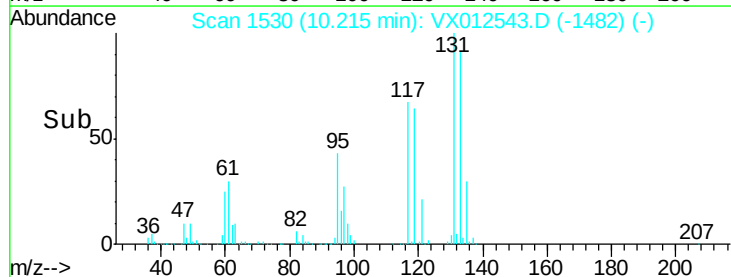
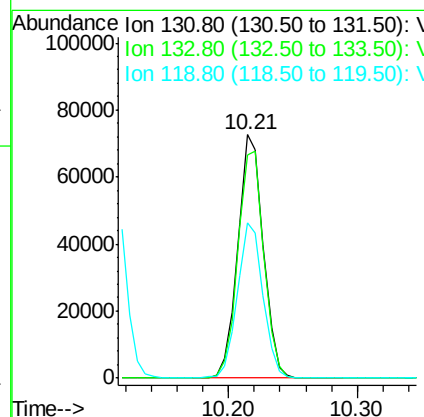
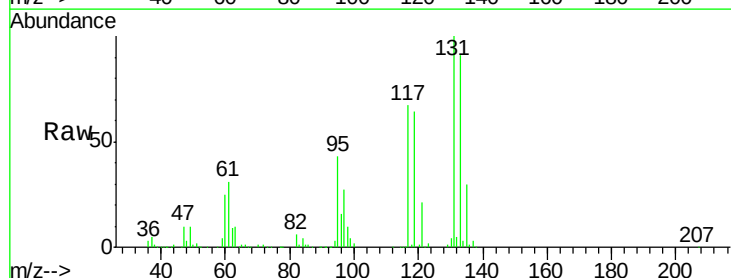
Manual Integrations
APPROVED

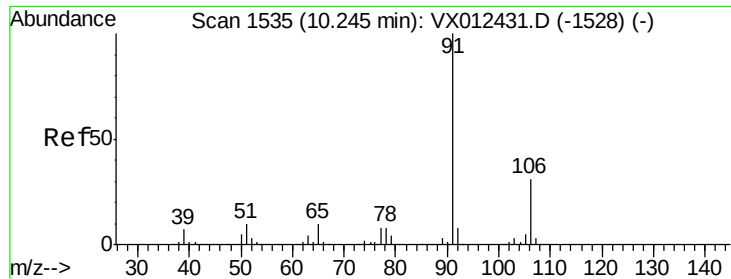
MMDadoda
9/20/2019 10:46:24 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.718 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	99986		
133	95.2	47.6	142.9	
119	64.1	31.3	93.8	





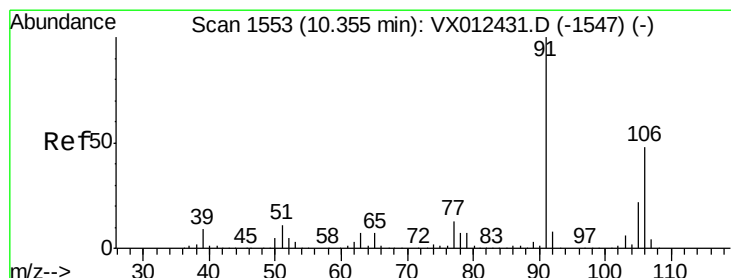
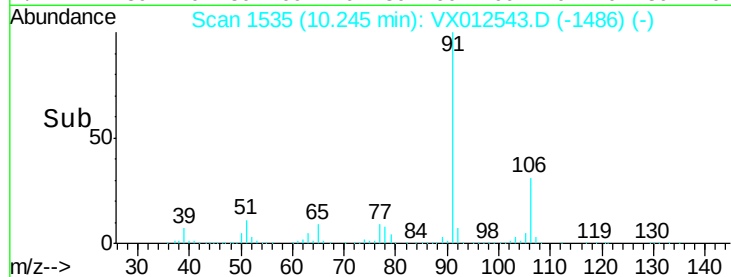
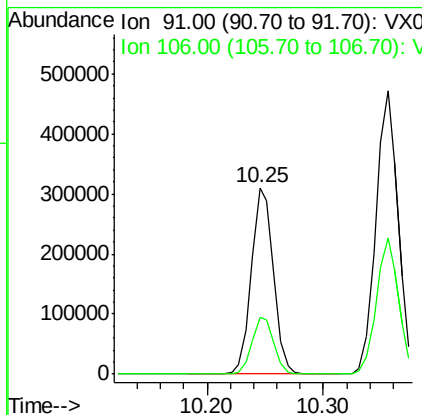
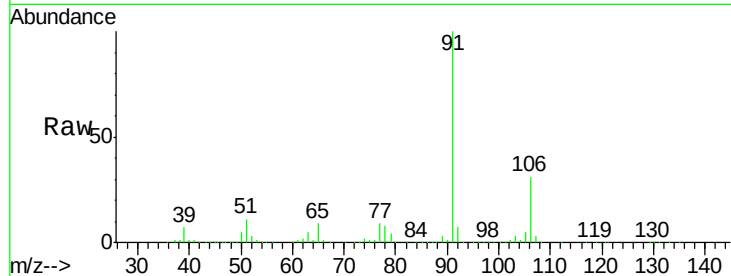
#67
Ethyl Benzene
Concen: 51.297 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 410537
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

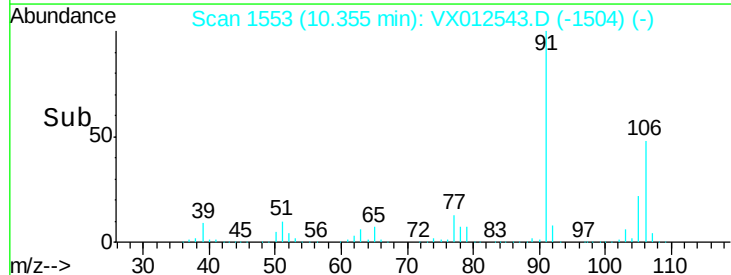
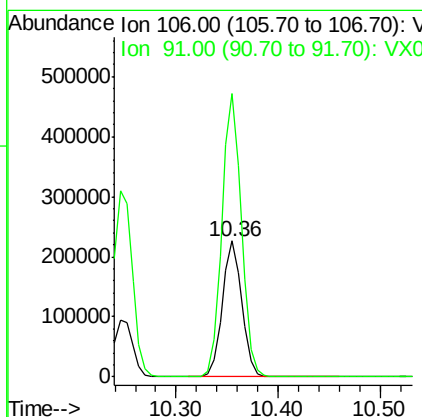
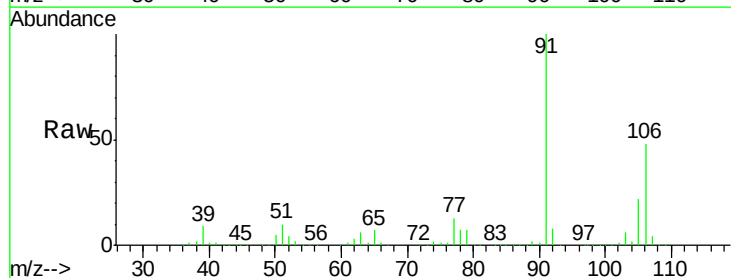
Manual Integrations
APPROVED

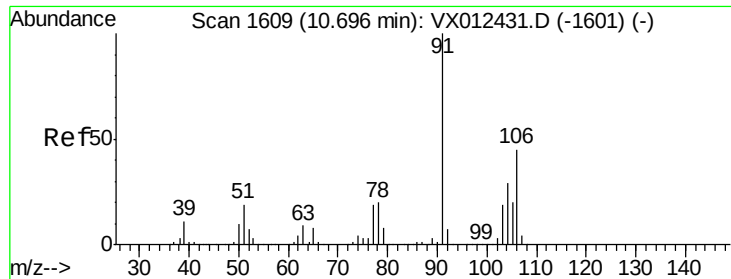
MMDadoda
9/20/2019 10:46:24 AM



#68
m/p-Xylenes
Concen: 102.810 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 106 Resp: 299377
Ion Ratio Lower Upper
106 100
91 208.7 166.6 250.0





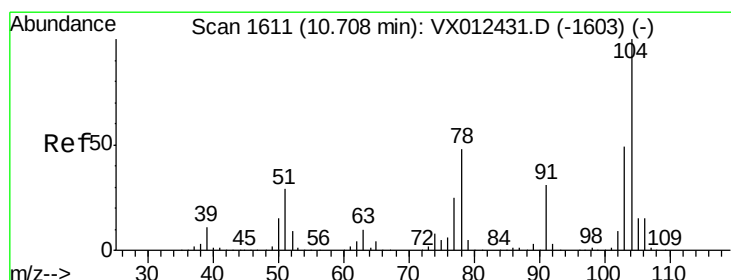
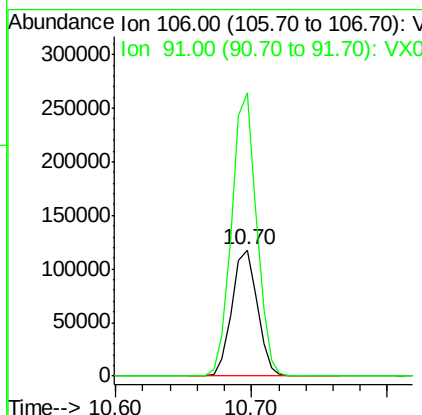
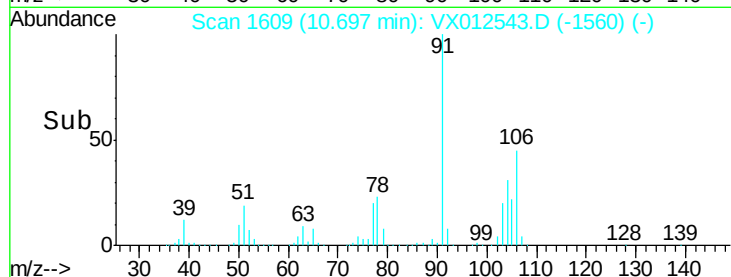
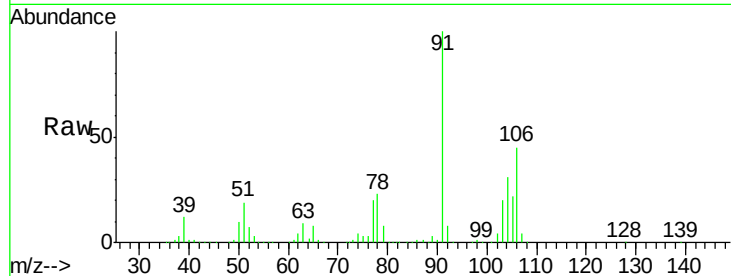
#69
o-Xylene
Concen: 51.299 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 153623
Ion Ratio Lower Upper
106 100
91 219.8 109.4 328.2

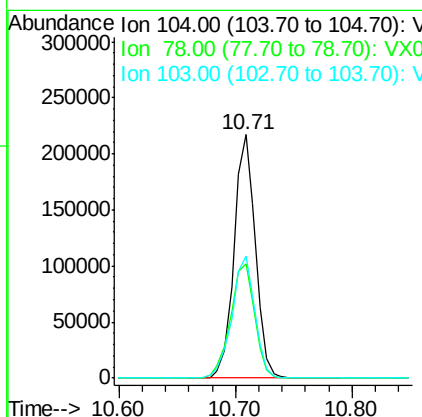
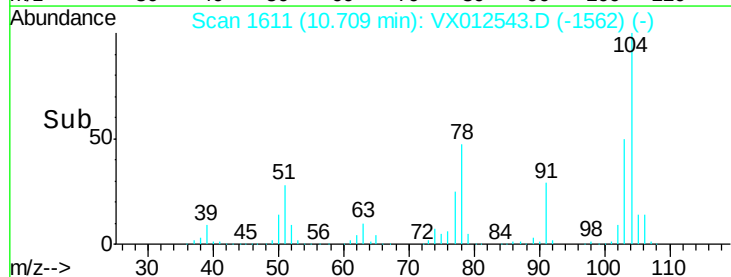
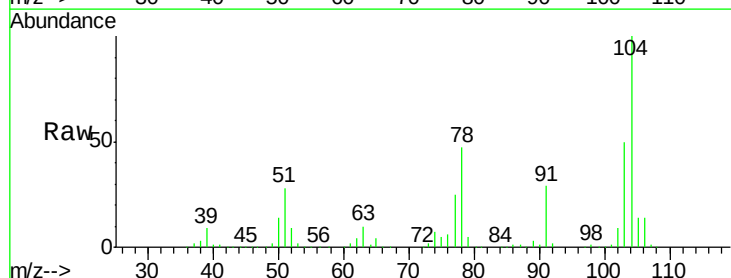
Manual Integrations
APPROVED

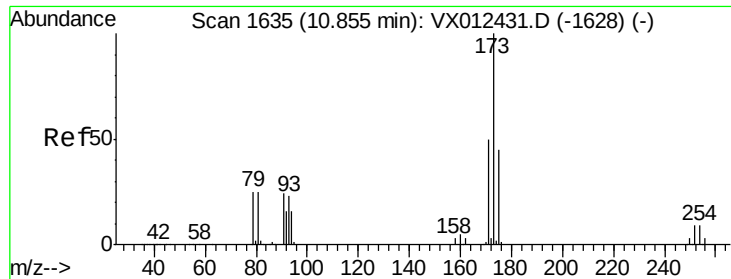
MMDadoda
9/20/2019 10:46:24 AM



#70
Styrene
Concen: 52.237 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:104 Resp: 276776
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 54.1 43.3 64.9





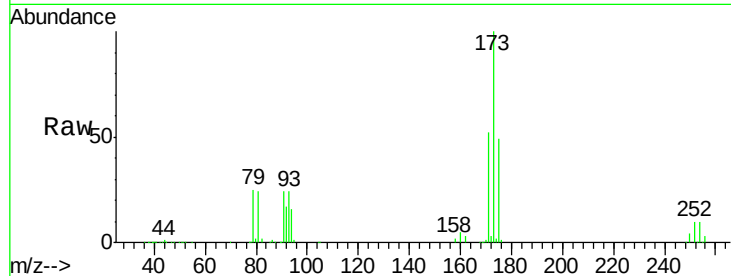
#71
Bromoform
Concen: 46.006 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

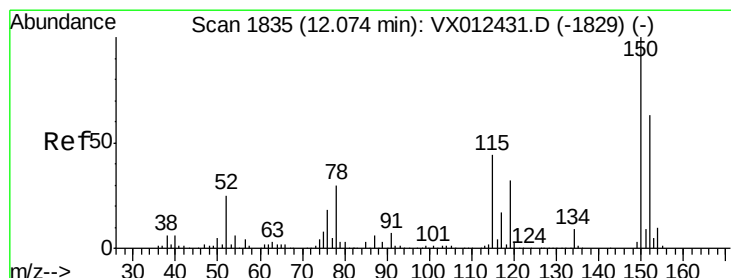
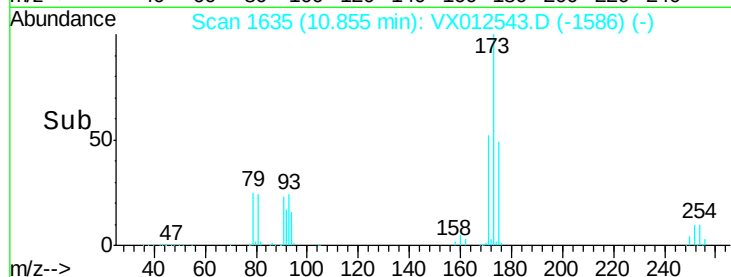
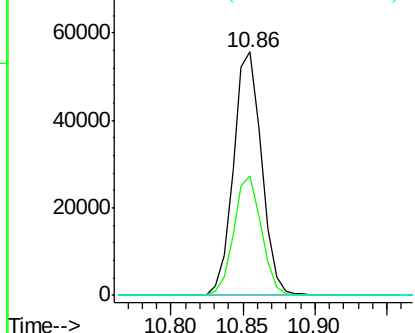
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.7	71.1
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM

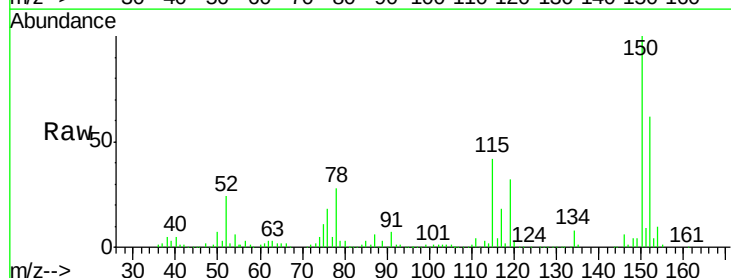


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

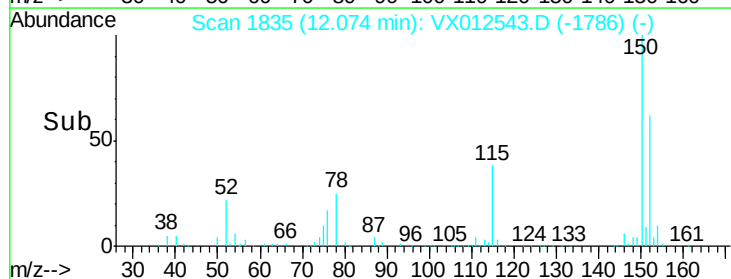
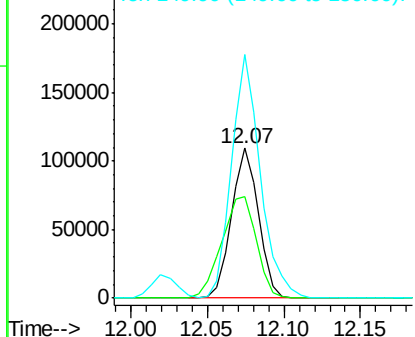


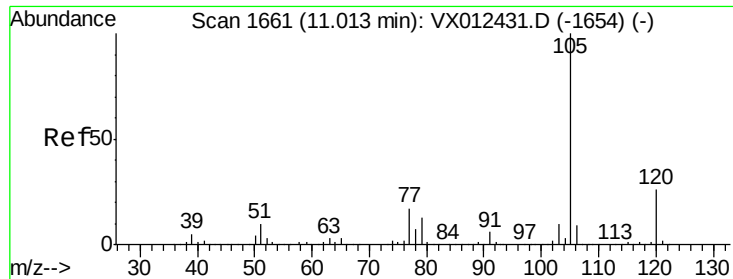
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.5	44.1	132.3
150	174.5	0.0	343.8



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: 51.455 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 429743

Ion Ratio Lower Upper

105 100

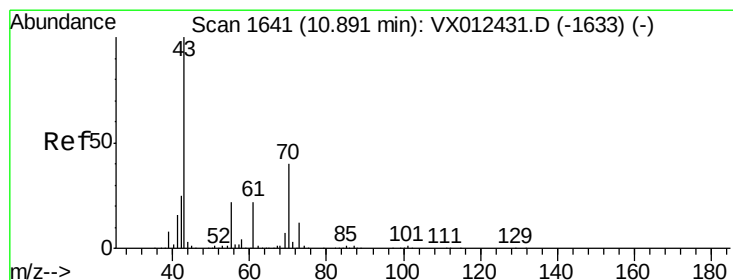
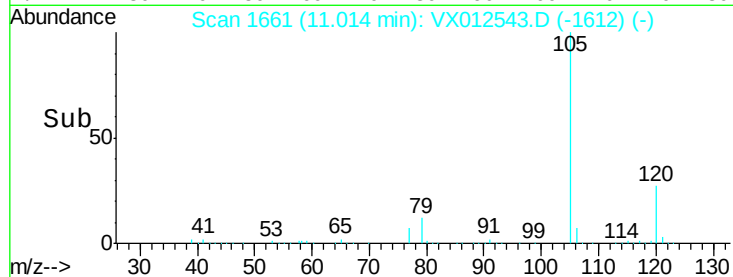
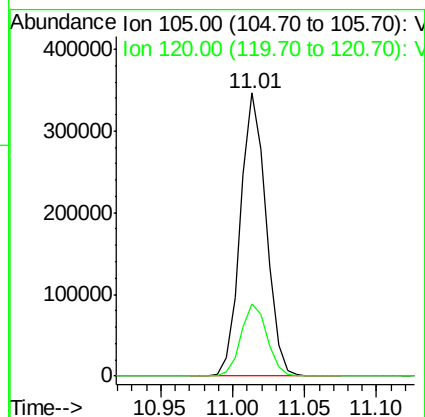
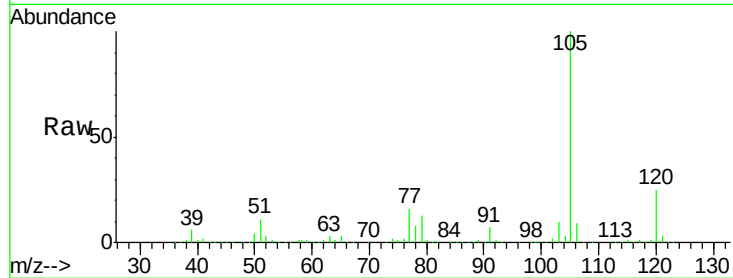
120 25.9 12.9 38.7

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#74

N-ethyl acetate

Concen: 52.558 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion: 43 Resp: 236328

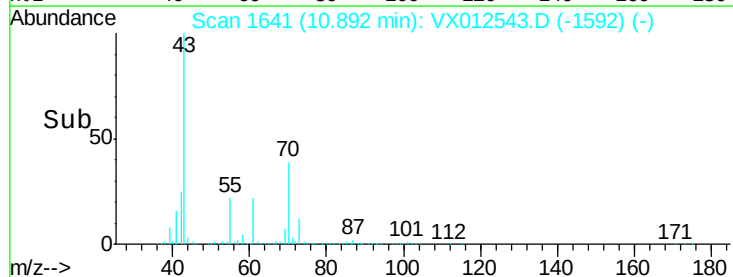
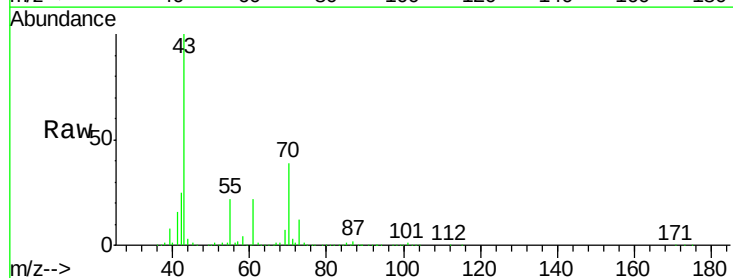
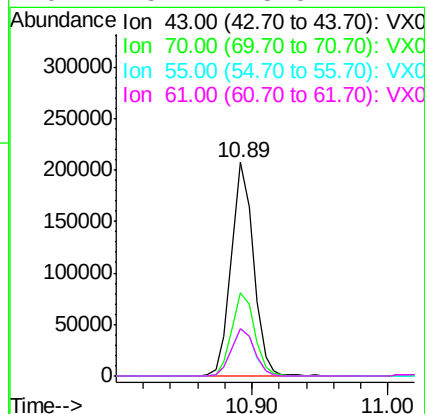
Ion Ratio Lower Upper

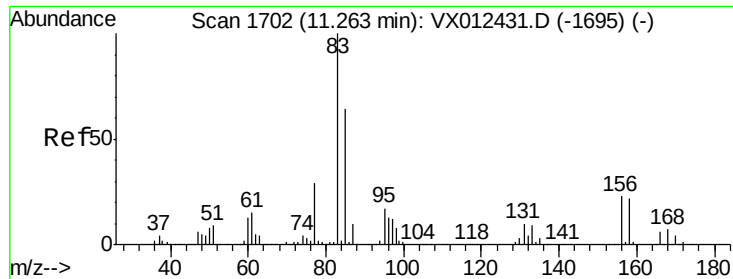
43 100

70 40.2 32.4 48.6

55 23.3 18.2 27.4

61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.290 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

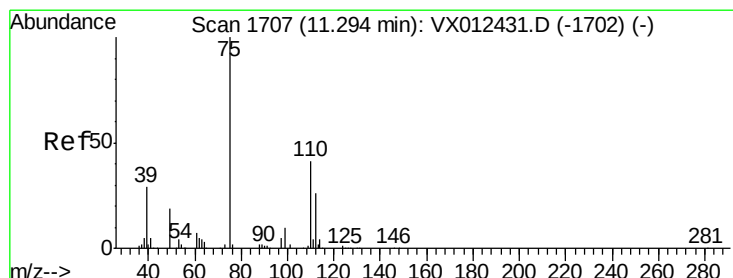
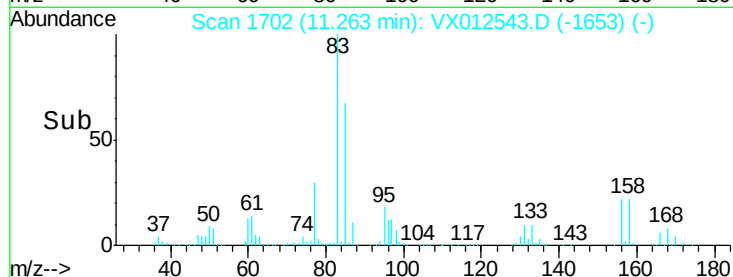
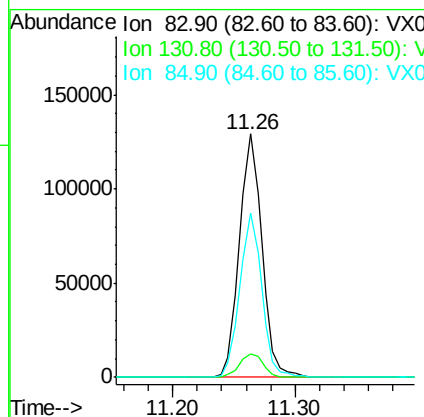
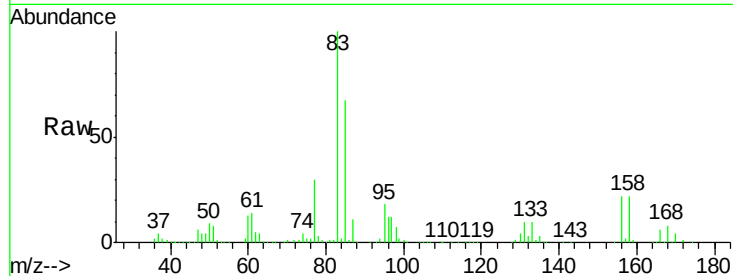
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	164762
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.8	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#76

1,2,3-Trichloropropane

Concen: 51.999 ug/l m

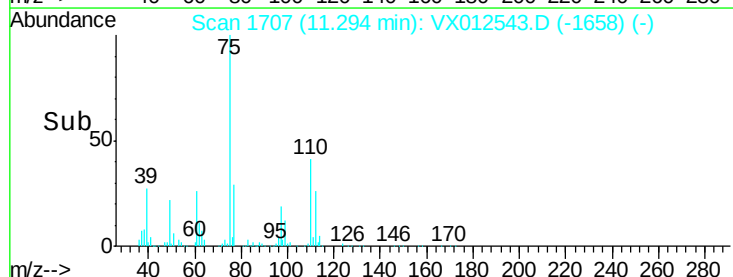
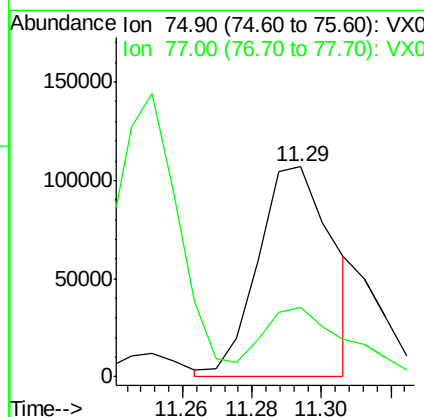
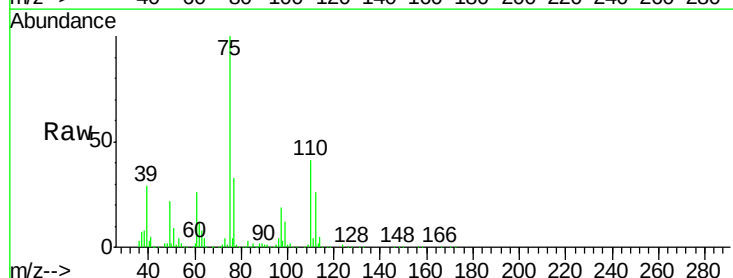
RT: 11.29 min Scan# 1707

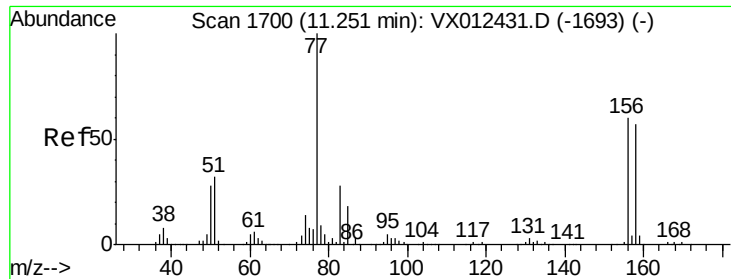
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	75	Resp:	158993
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.7	59.0





#77

Bromobenzene

Concen: 50.771 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

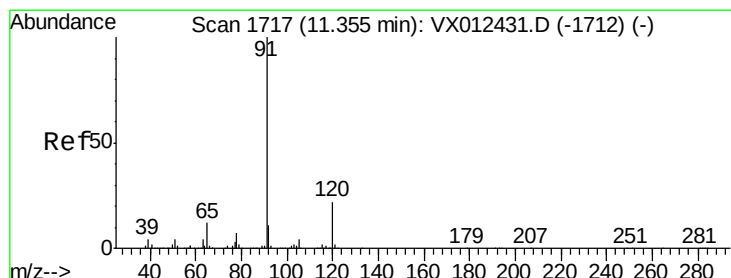
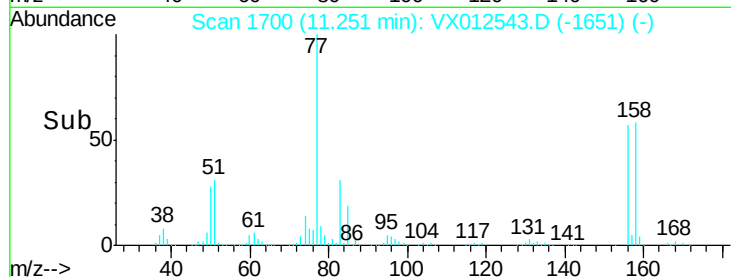
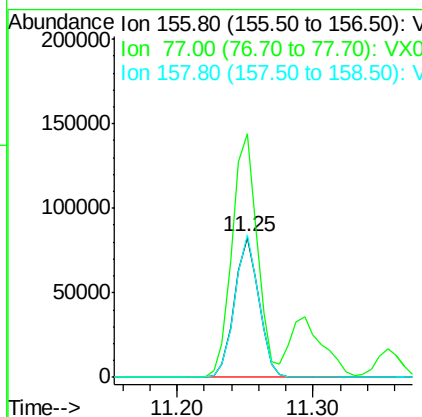
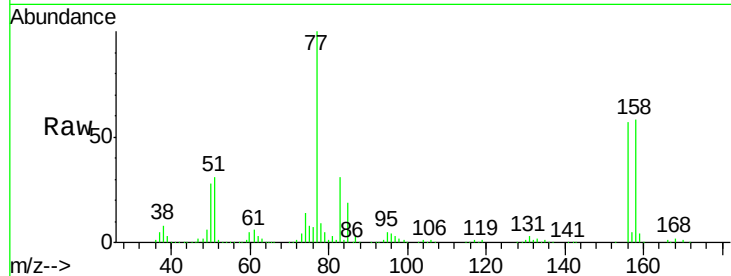
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	103413
Ion Ratio	Lower	Upper	
156	100		
77	181.4	87.3	261.8
158	100.0	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#78

n-propylbenzene

Concen: 51.789 ug/l

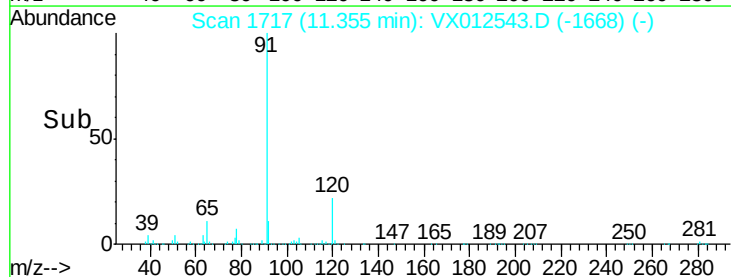
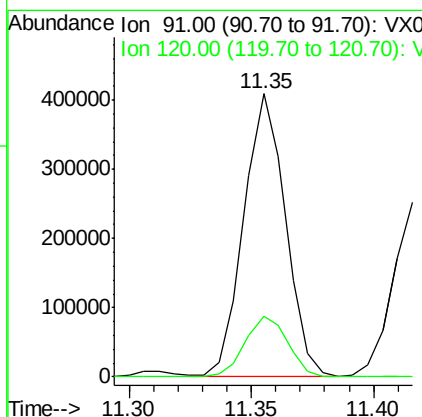
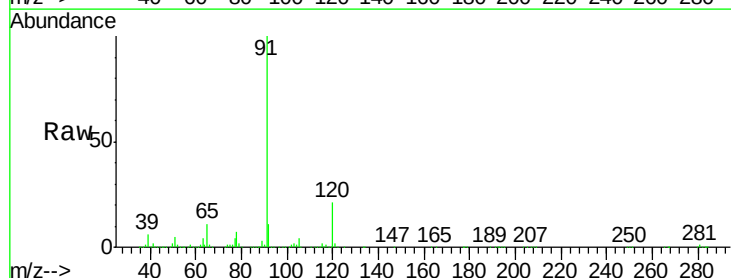
RT: 11.35 min Scan# 1717

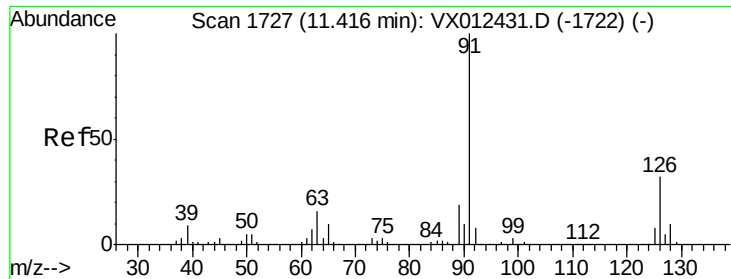
Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	91	Resp:	482075
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





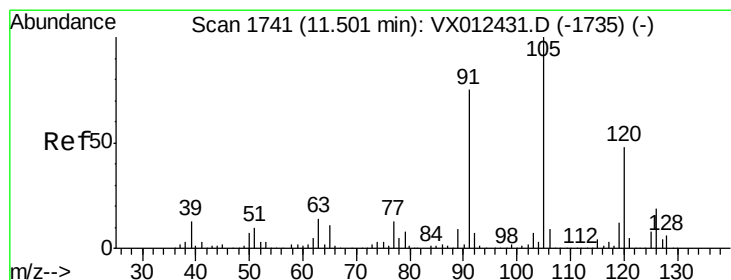
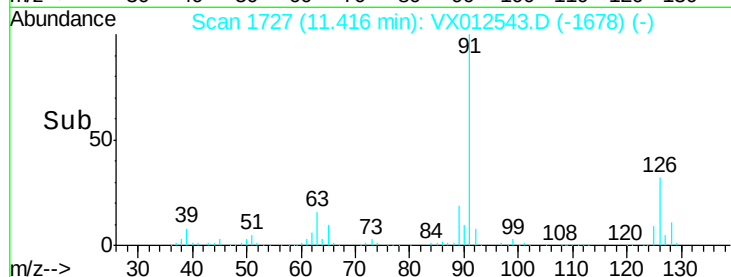
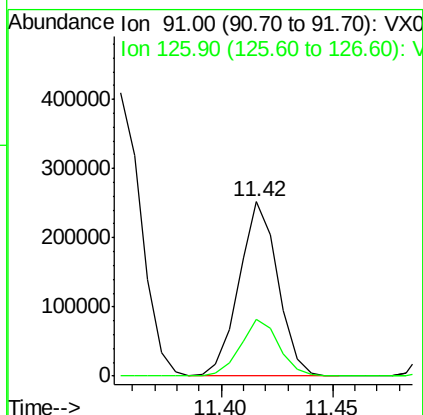
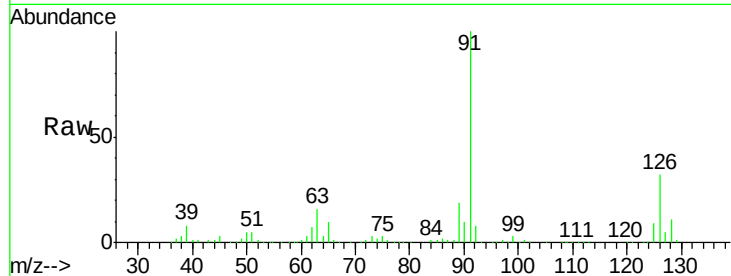
#79
 2-Chlorotoluene
 Concen: 50.356 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 304942
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.4

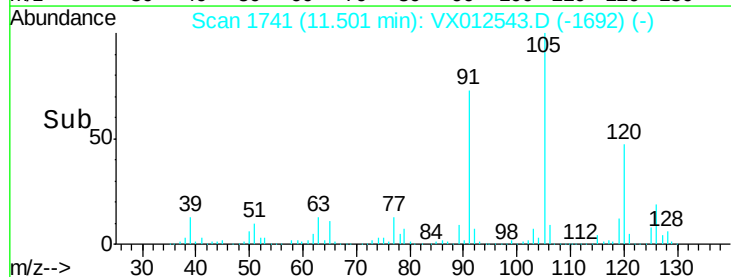
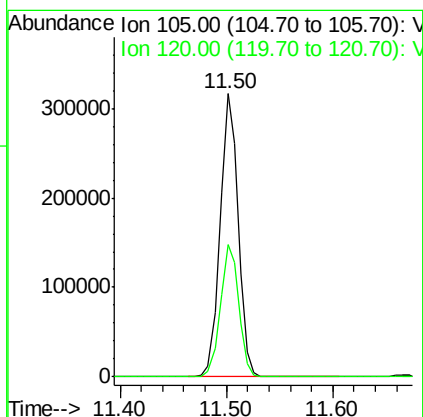
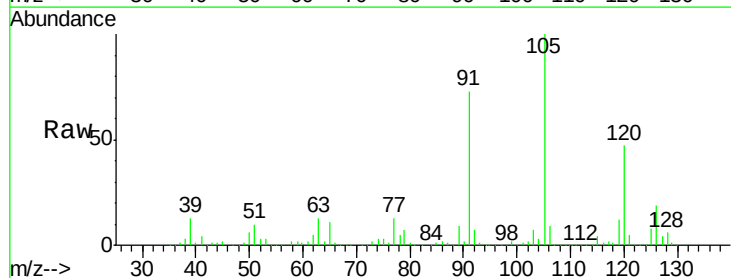
Manual Integrations
 APPROVED

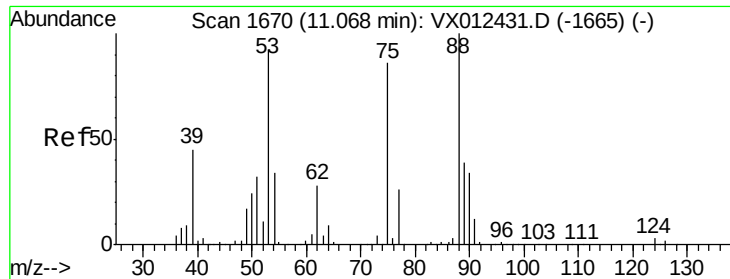
MMDadoda
 9/20/2019 10:46:24 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.367 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 105 Resp: 373001
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.8





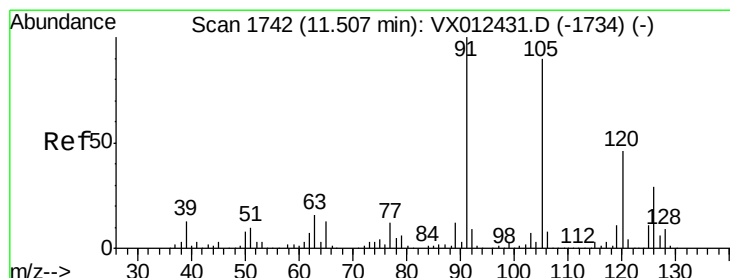
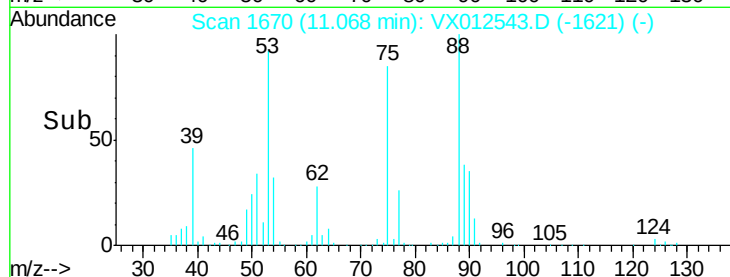
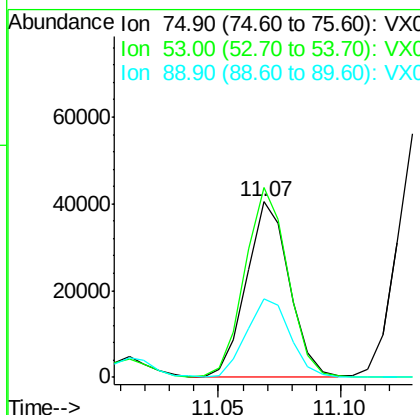
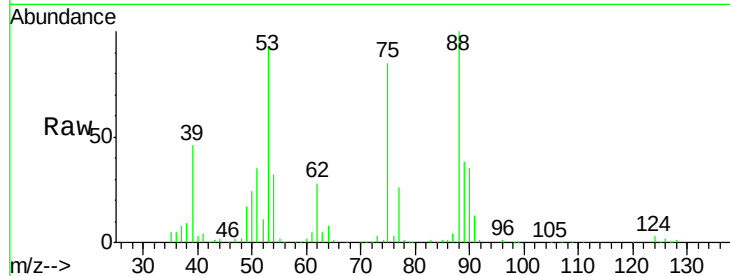
#81
trans-1,4-Dichloro-2-butene
Concen: 44.658 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 49345
Ion Ratio Lower Upper
75 100
53 108.6 83.6 125.4
89 46.2 36.3 54.5

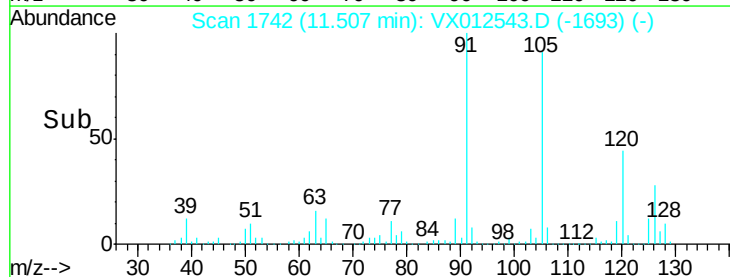
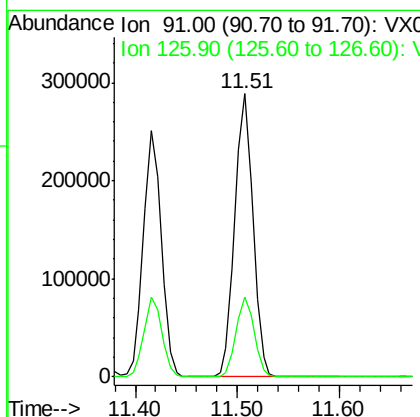
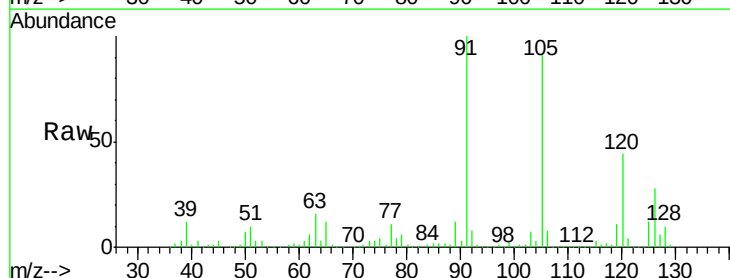
Manual Integrations
APPROVED

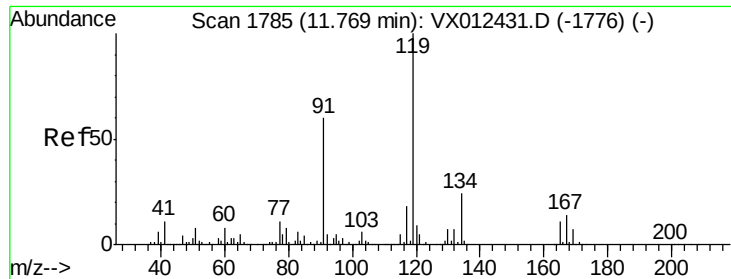
MMDadoda
9/20/2019 10:46:24 AM



#82
4-Chlorotoluene
Concen: 51.021 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 91 Resp: 354604
Ion Ratio Lower Upper
91 100
126 28.1 14.4 43.0





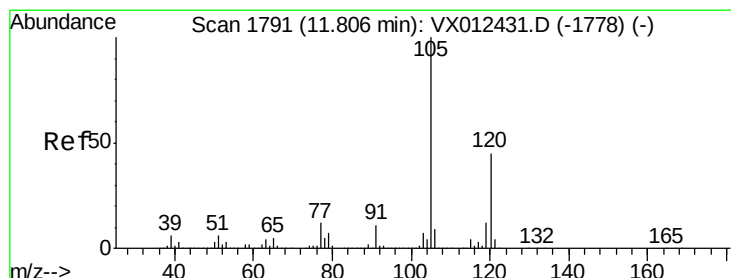
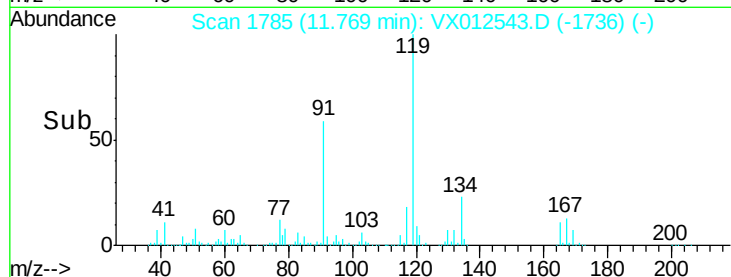
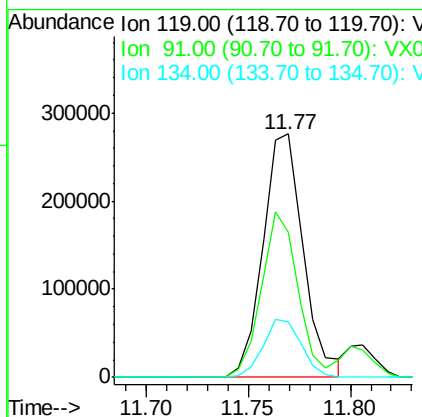
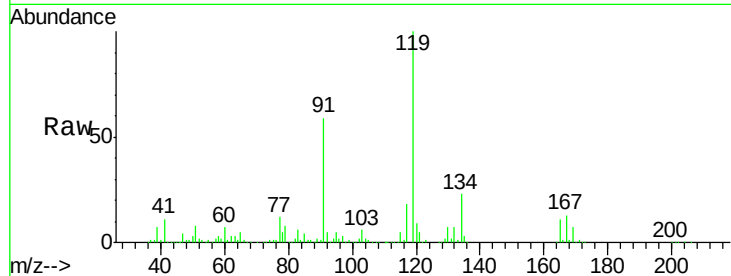
#83
 tert-Butylbenzene
 Concen: 49.877 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	380682		
91	61.0		30.0	90.0
134	22.7		11.3	33.9

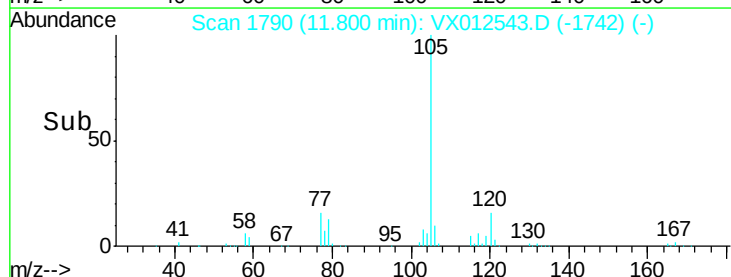
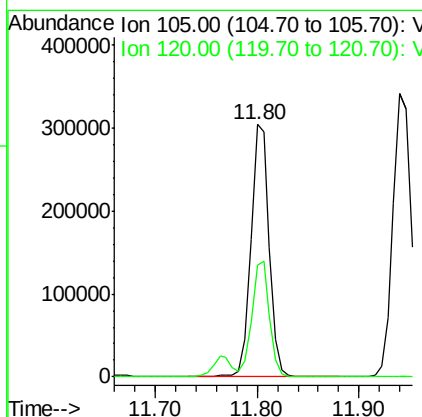
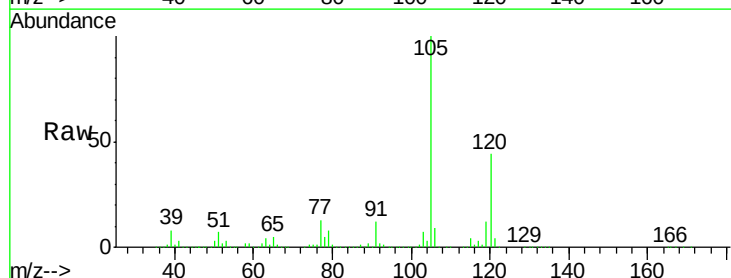
Manual Integrations
 APPROVED

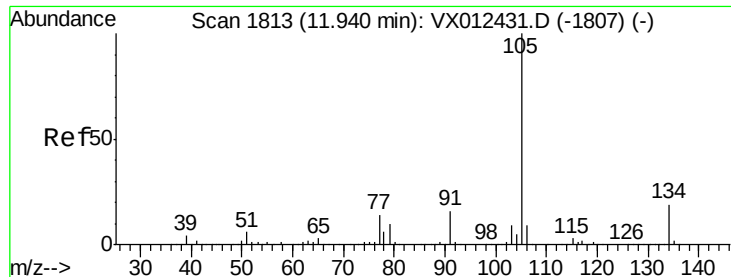
MMDadoda
 9/20/2019 10:46:24 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.961 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380017		
120	44.3		22.2	66.6





#85

sec-Butylbenzene

Concen: 50.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 427119

Ion Ratio Lower Upper

105 100

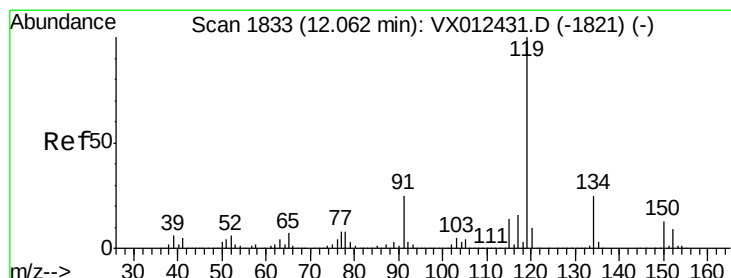
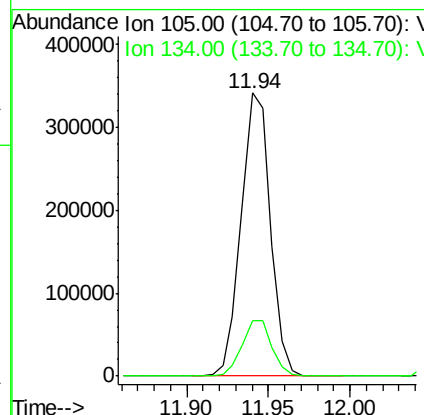
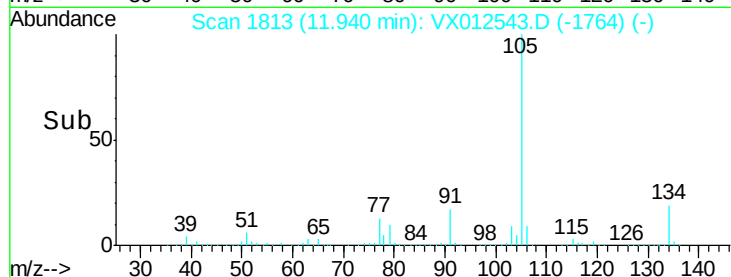
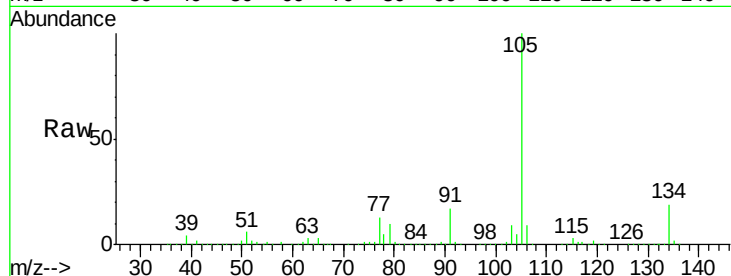
134 20.0 9.8 29.4

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM



#86

p-Isopropyltoluene

Concen: 50.615 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

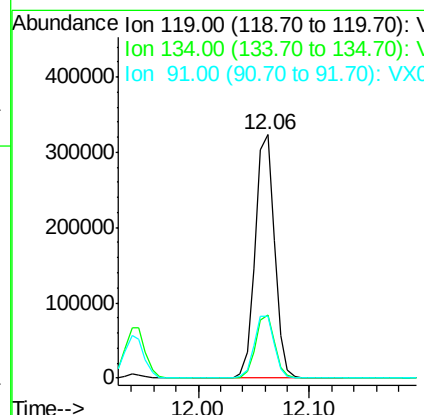
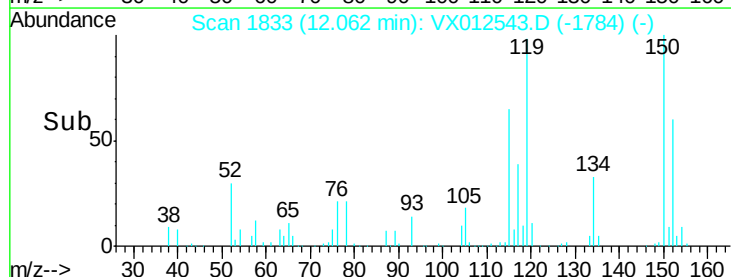
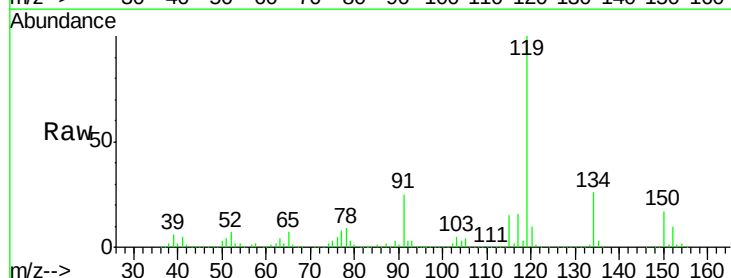
Tgt Ion:119 Resp: 390892

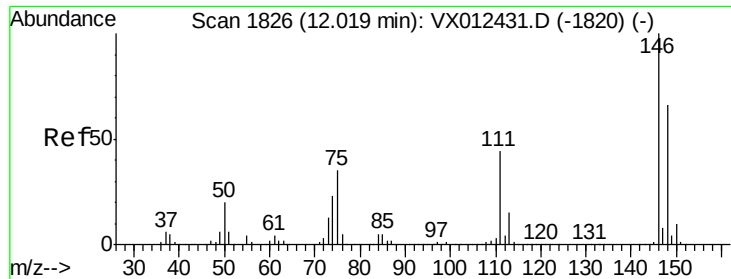
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 26.1 12.8 38.4





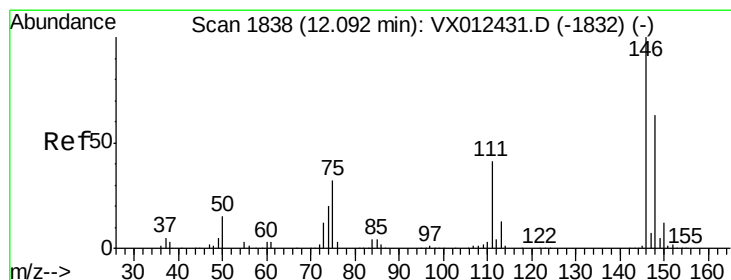
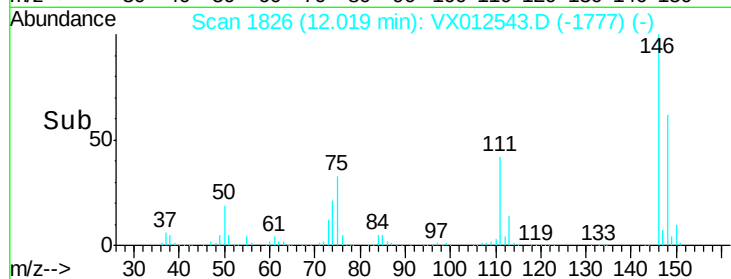
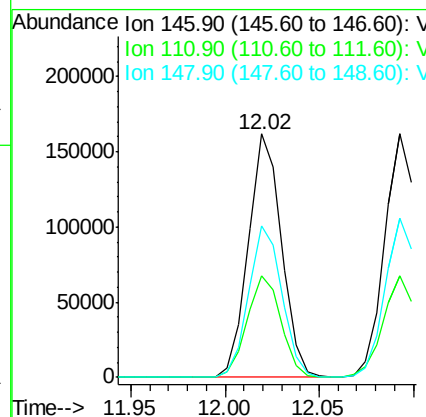
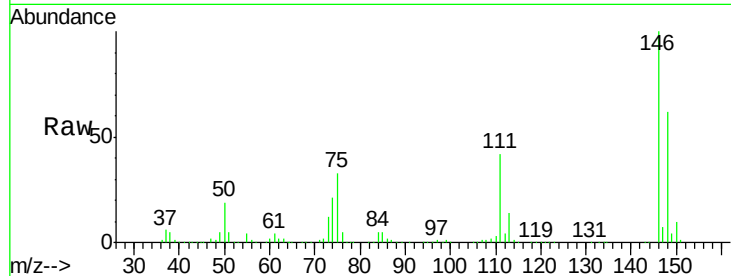
#87
 1,3-Dichlorobenzene
 Concen: 51.715 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	64.0
148	62.3	32.4	97.2

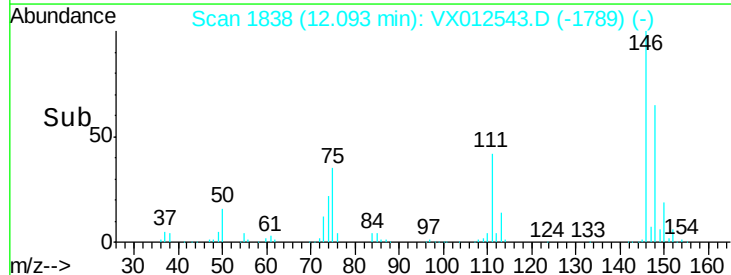
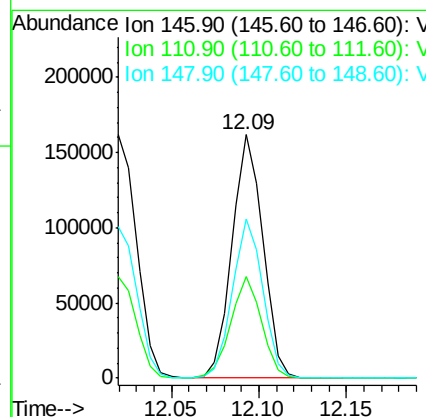
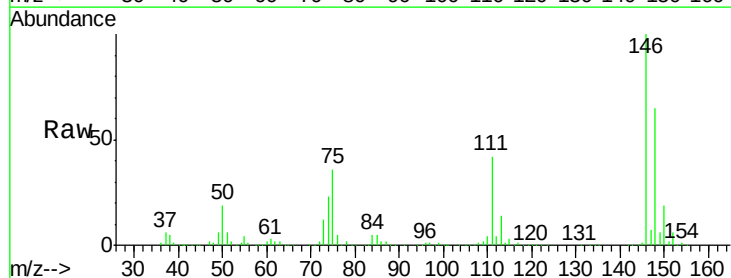
Manual Integrations
 APPROVED

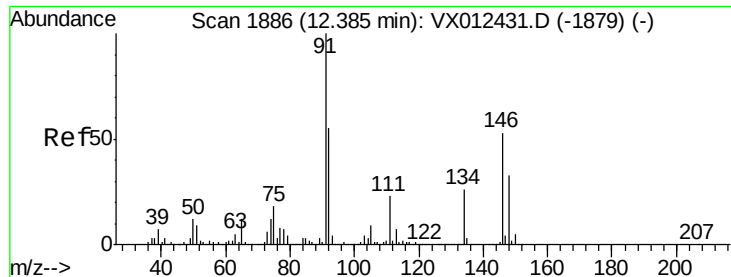
MMDadoda
 9/20/2019 10:46:24 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.407 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	64.7	32.1	96.5





#89

n-Butylbenzene

Concen: 48.631 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 335096

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

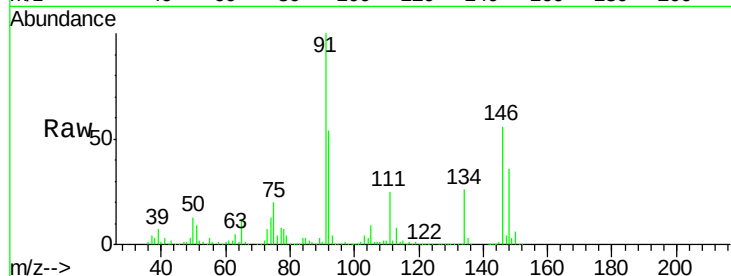
134 25.7 12.9 38.6

Manual Integrations

APPROVED

MMDadoda

9/20/2019 10:46:24 AM

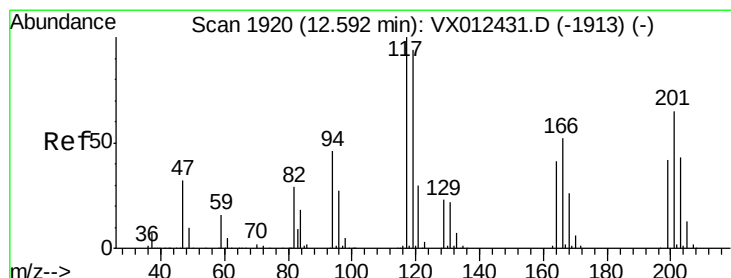
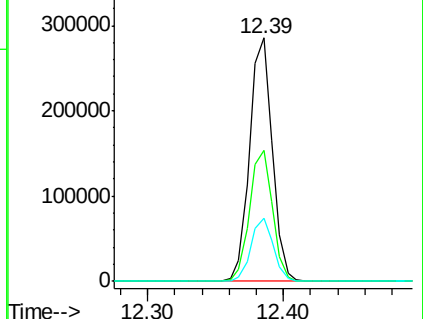
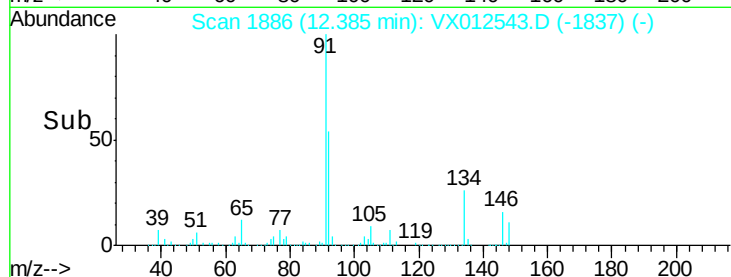


Abundance Ion 91.00 (90.70 to 91.70): VX012543.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012543.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012543.D (-1879) (-)

Time-->



#90

Hexachloroethane

Concen: 50.541 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012543.D

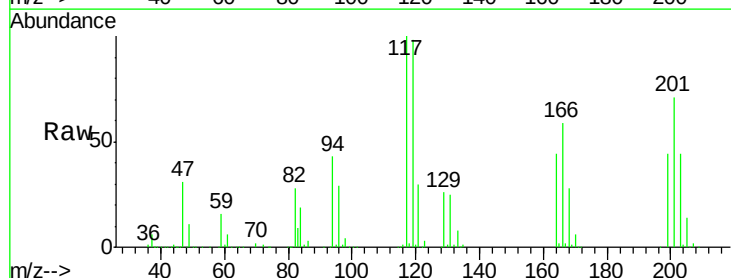
Acq: 19 Sep 2019 21:00

Tgt Ion: 117 Resp: 71568

Ion Ratio Lower Upper

117 100

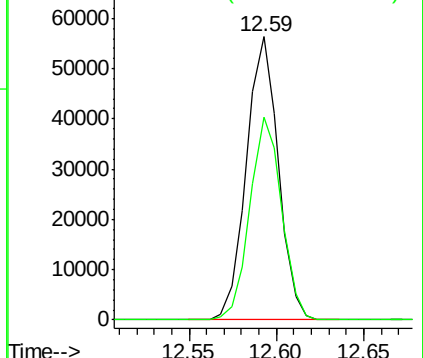
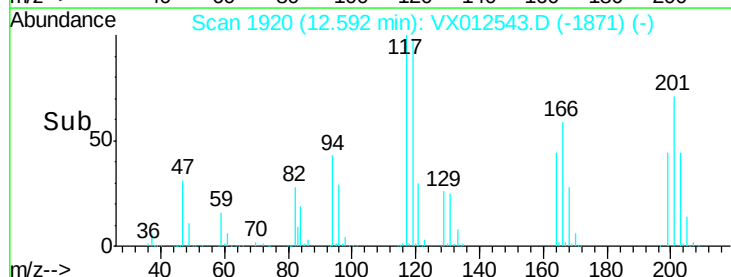
201 71.1 33.3 99.8

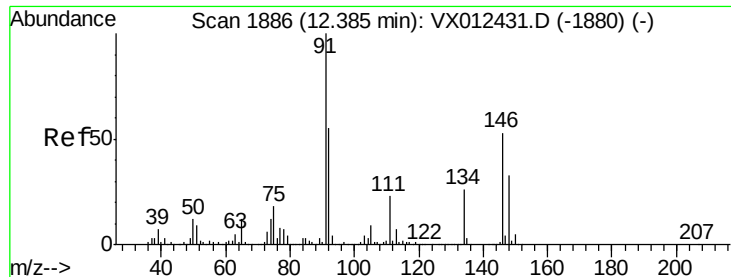


Abundance Ion 116.80 (116.50 to 117.50): VX012543.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012543.D (-1871) (-)

Time-->





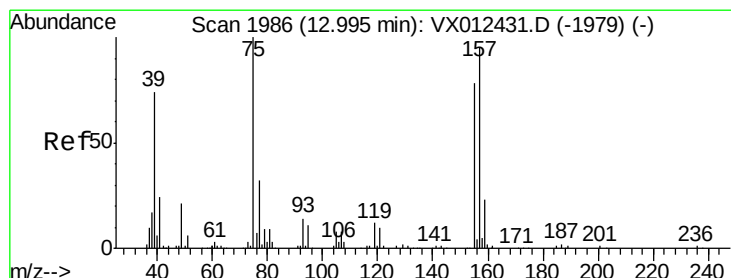
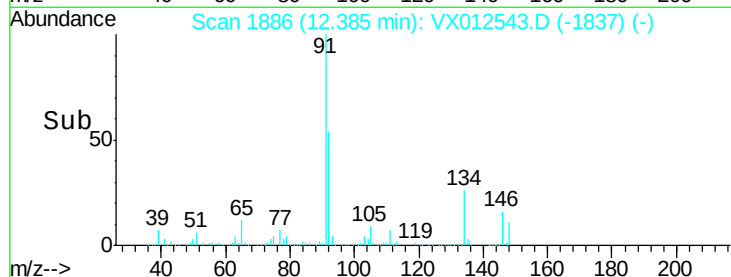
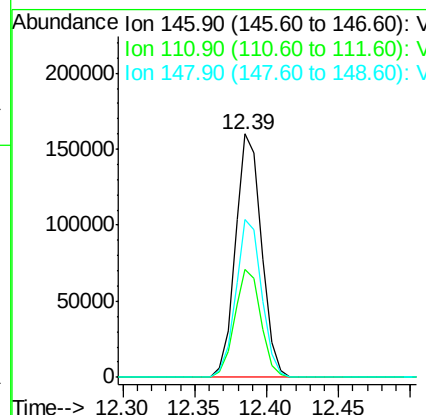
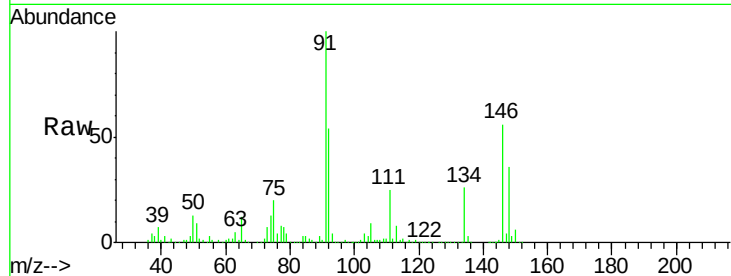
#91
 1,2-Dichlorobenzene
 Concen: 50.775 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203336		
111	44.4	22.1	66.1	
148	64.5	31.3	93.9	

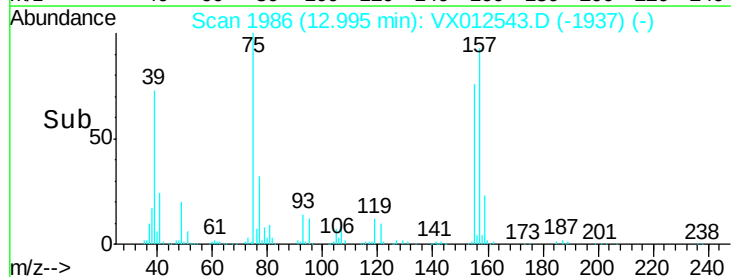
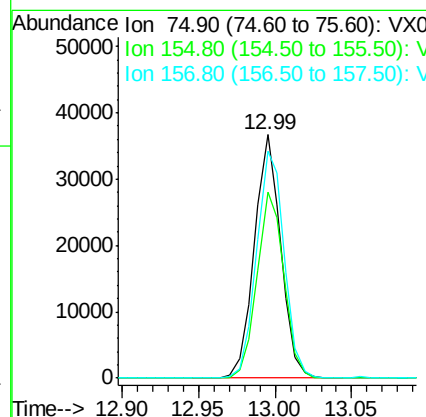
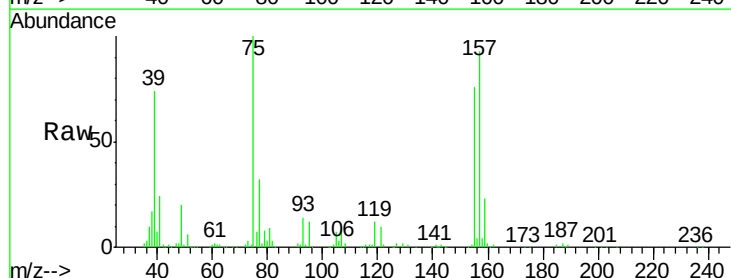
Manual Integrations
 APPROVED

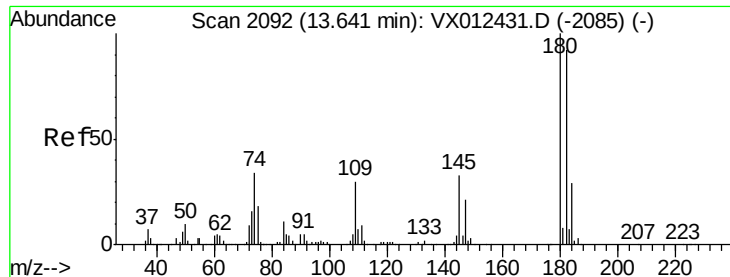
MMDadoda
 9/20/2019 10:46:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.559 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43793		
155	78.1	38.6	115.8	
157	98.2	50.6	151.9	





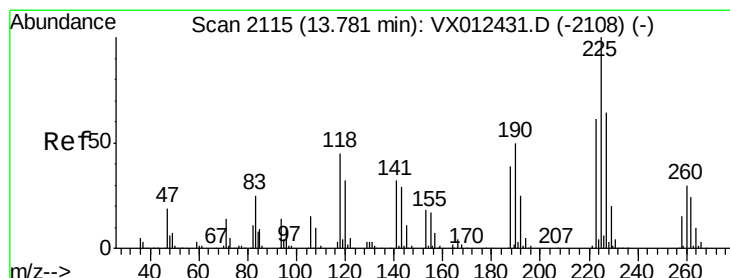
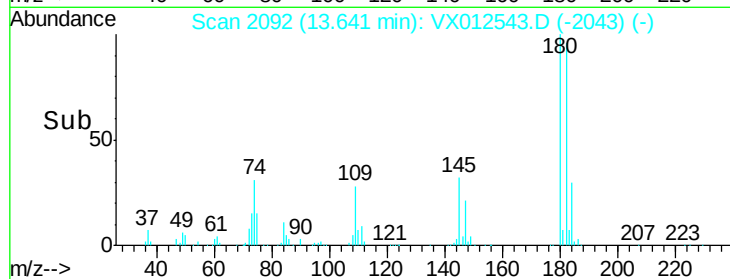
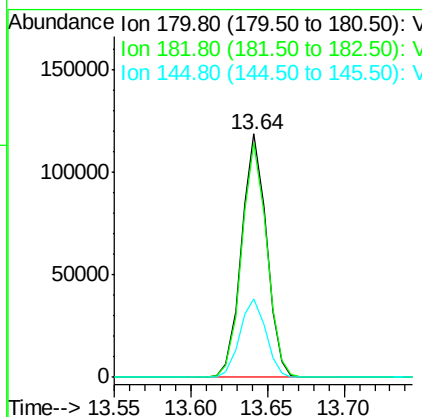
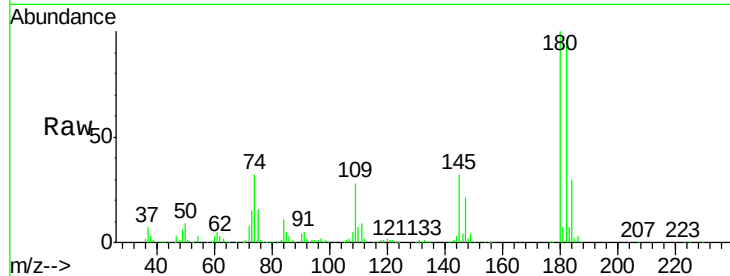
#93
 1,2,4-Trichlorobenzene
 Concen: 51.976 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134069		
182	97.1	47.0	141.0	
145	33.6	16.8	50.4	

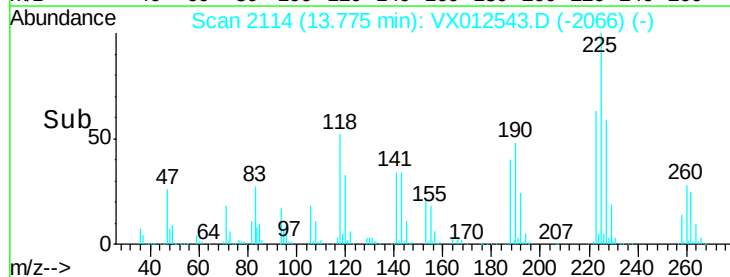
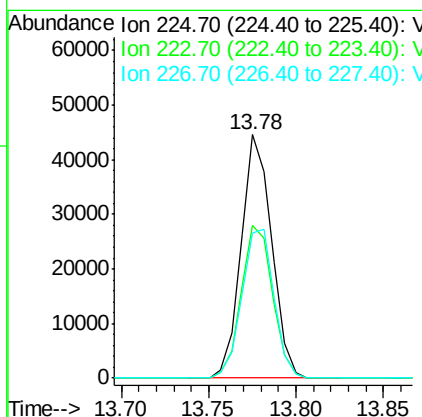
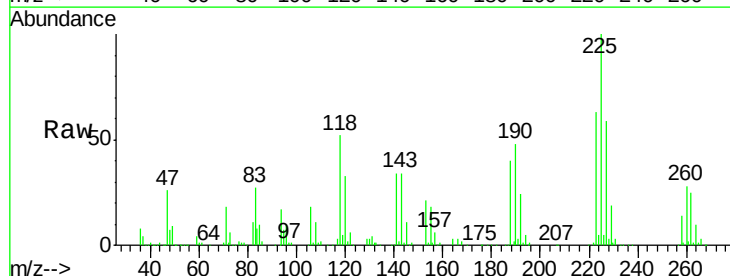
Manual Integrations
 APPROVED

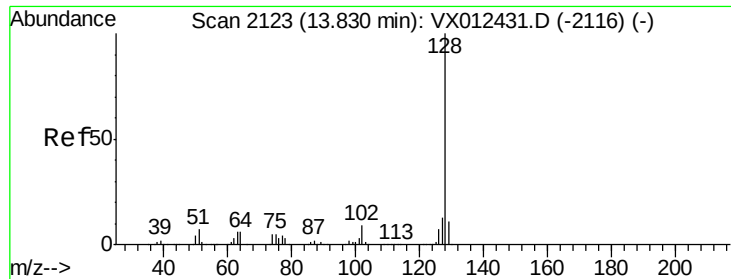
MMDadoda
 9/20/2019 10:46:24 AM



#94
 Hexachlorobutadiene
 Concen: 44.340 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53906		
223	64.7	32.0	96.2	
227	64.7	31.9	95.5	





#95

Naphthalene

Concen: 55.151 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

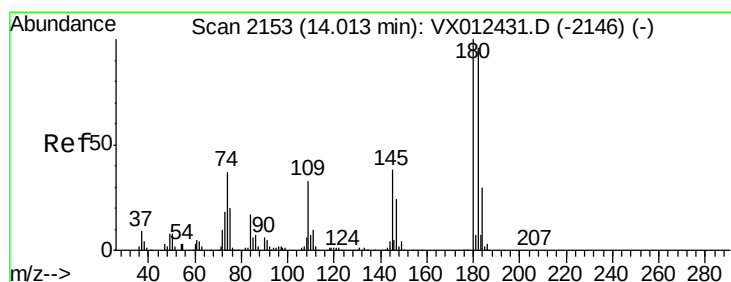
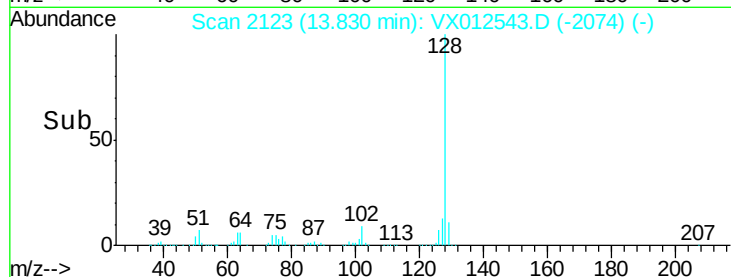
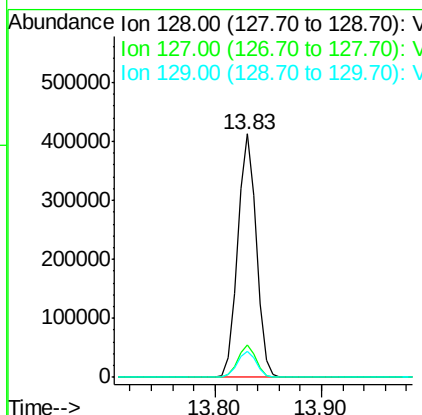
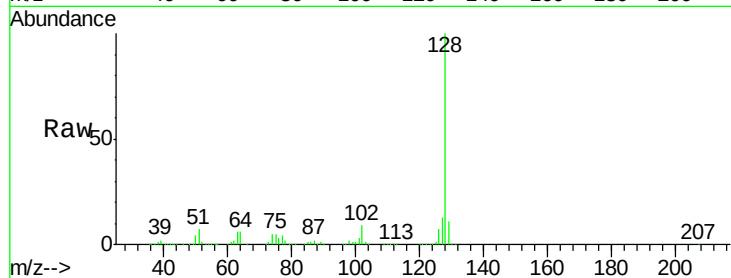
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	506191
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.788 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion:	180	Resp:	141383
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.1	141.3
145	35.0	18.0	54.0

