

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014786.D
 Acq On : 03 Feb 2020 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:31:57 PM

Quant Time: Feb 03 11:28:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	579339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297646	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	247096	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	5.48	113	200988	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	763552	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	271286	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	267463	46.598	ug/l	99
3) Chloromethane	1.32	50	269773	46.597	ug/l	100
4) Vinyl Chloride	1.41	62	313378	50.062	ug/l	100
5) Bromomethane	1.63	94	192824	45.350	ug/l	99
6) Chloroethane	1.72	64	176142	49.159	ug/l	99
7) Trichlorofluoromethane	1.92	101	353908	48.555	ug/l	99
8) Diethyl Ether	2.18	74	152221	47.846	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215129	50.277	ug/l	99
10) Methyl Iodide	2.50	142	285622	50.872	ug/l	99
11) Tert butyl alcohol	3.03	59	224570	200.151	ug/l	100
12) 1,1-Dichloroethene	2.37	96	203778	47.899	ug/l	99
13) Acrolein	2.28	56	215834	243.970	ug/l	99
14) Allyl chloride	2.72	41	378757	49.531	ug/l	98
15) Acrylonitrile	3.13	53	619213	238.521	ug/l	100
16) Acetone	2.43	43	795803	290.522	ug/l	99
17) Carbon Disulfide	2.56	76	536375	46.130	ug/l	100
18) Methyl Acetate	2.76	43	378055	48.355	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	708150	50.820	ug/l	98
20) Methylene Chloride	2.84	84	238434	47.045	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	220228	47.015	ug/l	95
22) Diisopropyl ether	3.84	45	785945	51.660	ug/l	94
23) Vinyl Acetate	3.80	43	3025046	260.840	ug/l	99
24) 1,1-Dichloroethane	3.69	63	412369	49.910	ug/l	99
25) 2-Butanone	4.65	43	968388	246.768	ug/l	100
26) 2,2-Dichloropropane	4.57	77	341899	51.699	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	255836	48.800	ug/l	99
28) Bromochloromethane	5.00	49	165782	45.661	ug/l	99
29) Tetrahydrofuran	5.11	42	534478	229.475	ug/l	99
30) Chloroform	5.19	83	412368	50.383	ug/l	98
31) Cyclohexane	5.56	56	370046	47.619	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	347820	50.276	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307846	52.022	ug/l	99
37) Ethyl Acetate	4.81	43	330830	48.812	ug/l	99
38) Carbon Tetrachloride	5.77	117	301886	53.416	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\
 Data File : VX014786.D
 Acq On : 03 Feb 2020 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:31:57 PM

Quant Time: Feb 03 11:28:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	378568	51.065	ug/l	97
40) Benzene	6.13	78	925035	50.592	ug/l	99
41) Methacrylonitrile	5.02	41	188077	48.633	ug/l	99
42) 1,2-Dichloroethane	6.18	62	332209	52.615	ug/l	99
43) Isopropyl Acetate	6.43	43	549739	49.532	ug/l	100
44) Trichloroethene	7.20	130	256594	49.683	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247109	52.460	ug/l	100
46) Dibromomethane	7.65	93	161367	52.894	ug/l	99
47) Bromodichloromethane	7.89	83	325301	54.366	ug/l	98
48) Methyl methacrylate	7.76	41	275338	51.922	ug/l	98
49) 1,4-Dioxane	7.73	88	94908	844.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1720621	245.629	ug/l	100
52) Toluene	8.78	92	586809	52.210	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	354521	55.026	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	393881	55.573	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	241116	52.397	ug/l	98
56) Ethyl methacrylate	9.17	69	369948	47.513	ug/l	98
57) 1,3-Dichloropropane	9.36	76	407467	51.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	634691	274.258	ug/l	99
59) 2-Hexanone	9.48	43	1359378	250.082	ug/l	99
60) Dibromochloromethane	9.57	129	262547	54.661	ug/l	100
61) 1,2-Dibromoethane	9.67	107	252674	51.934	ug/l	99
64) Tetrachloroethene	9.33	164	272109	47.449	ug/l	96
65) Chlorobenzene	10.13	112	636192	51.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241479	52.853	ug/l	100
67) Ethyl Benzene	10.25	91	1129948	53.403	ug/l	99
68) m/p-Xylenes	10.36	106	865424	107.963	ug/l	100
69) o-Xylene	10.69	106	411665	53.197	ug/l	99
70) Styrene	10.71	104	722200	55.635	ug/l	99
71) Bromoform	10.85	173	202131	55.632	ug/l #	99
73) Isopropylbenzene	11.01	105	1112576	53.161	ug/l	100
74) N-amyl acetate	10.89	43	471911	51.456	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	358509	47.977	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	305604m	44.131	ug/l	
77) Bromobenzene	11.25	156	287946	51.214	ug/l	98
78) n-propylbenzene	11.35	91	1289331	54.274	ug/l	100
79) 2-Chlorotoluene	11.42	91	751607	52.290	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	943262	54.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	125930	51.751	ug/l	99
82) 4-Chlorotoluene	11.51	91	868907	53.099	ug/l	100
83) tert-Butylbenzene	11.76	119	890829	54.578	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	942803	54.113	ug/l	100
85) sec-Butylbenzene	11.94	105	1095674	54.796	ug/l	100
86) p-Isopropyltoluene	12.06	119	1017445	55.060	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	516831	51.149	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519277	51.304	ug/l	100
89) n-Butylbenzene	12.39	91	895226	55.624	ug/l	99
90) Hexachloroethane	12.59	117	184622	53.789	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	514211	51.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76467	47.629	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
Data File : VX014786.D
Acq On : 03 Feb 2020 09:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

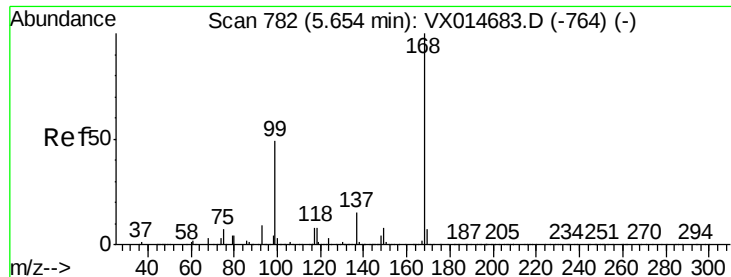
Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM

Quant Time: Feb 03 11:28:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	352061	54.413	ug/l	99
94) Hexachlorobutadiene	13.78	225	177896	53.420	ug/l	97
95) Naphthalene	13.83	128	1017263	48.779	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	349025	53.349	ug/l	97

(#) = 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. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 427959

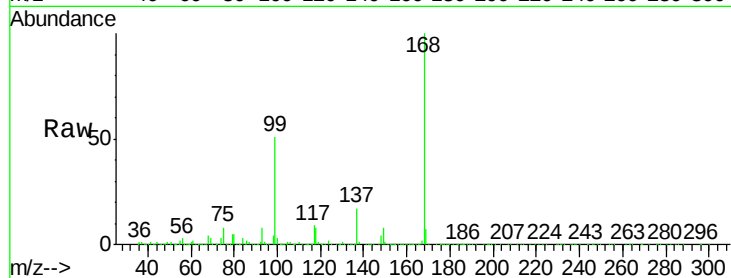
Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.6

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

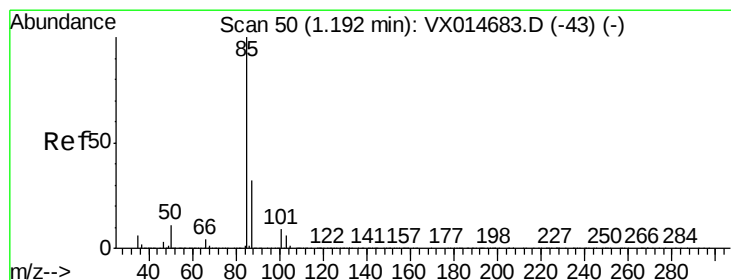
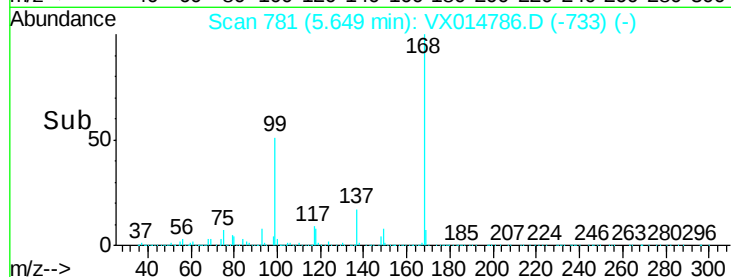
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.598 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014786.D

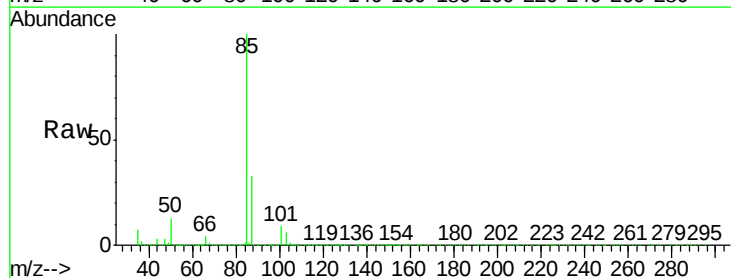
Acq: 03 Feb 2020 09:57

Tgt Ion: 85 Resp: 267463

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

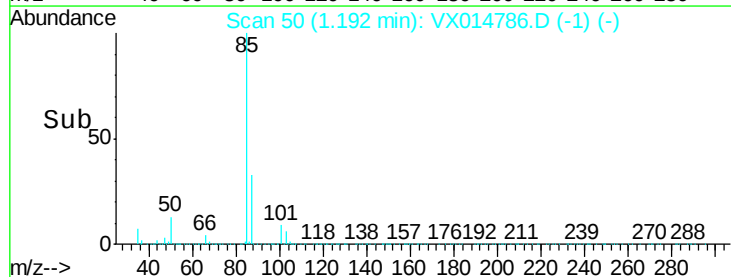
300000

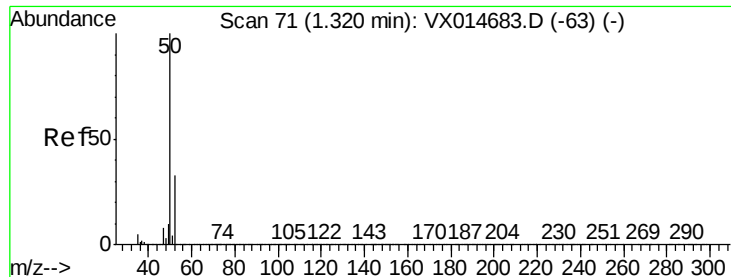
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.597 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 269773

Ion Ratio Lower Upper

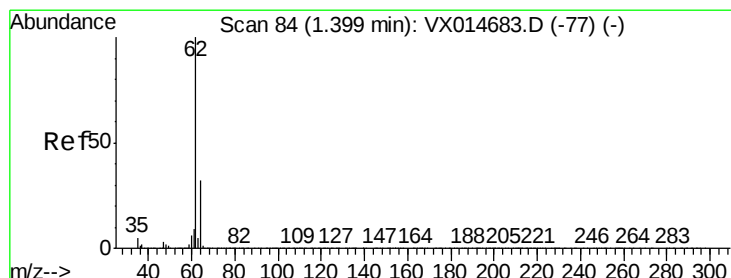
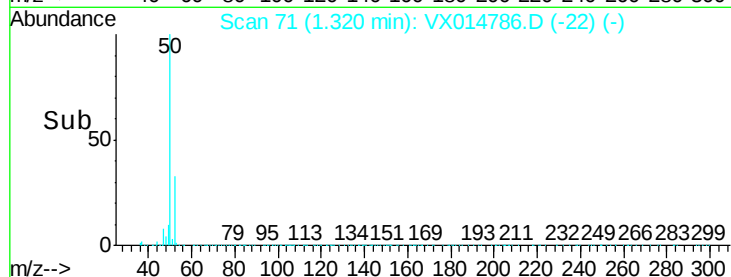
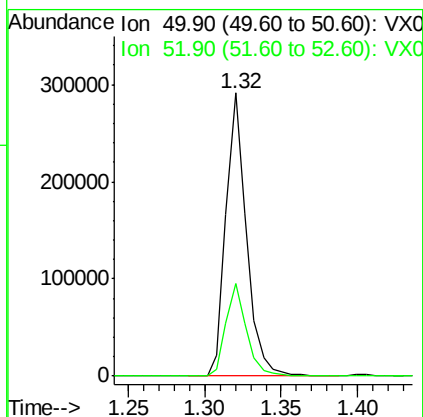
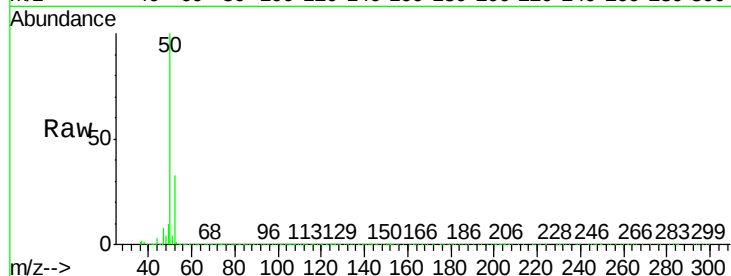
50 100

52 32.7 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

2/4/2020 3:31:57 PM



#4

Vinyl Chloride

Concen: 50.062 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014786.D

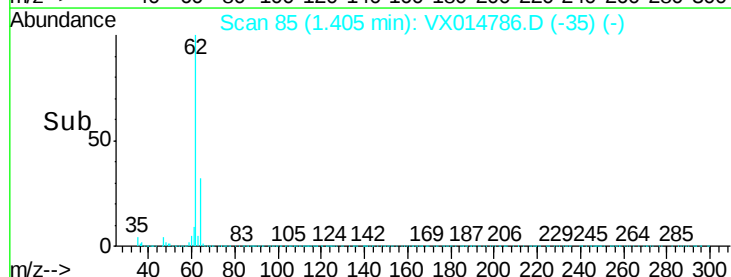
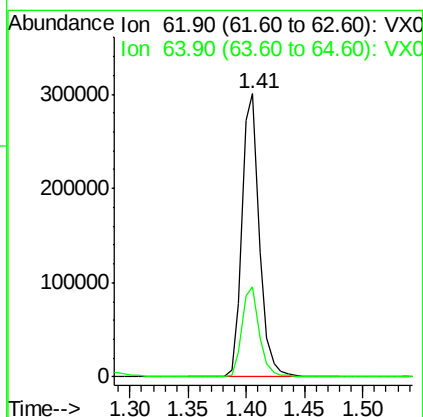
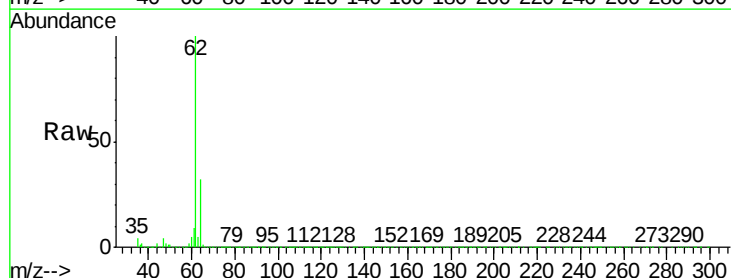
Acq: 03 Feb 2020 09:57

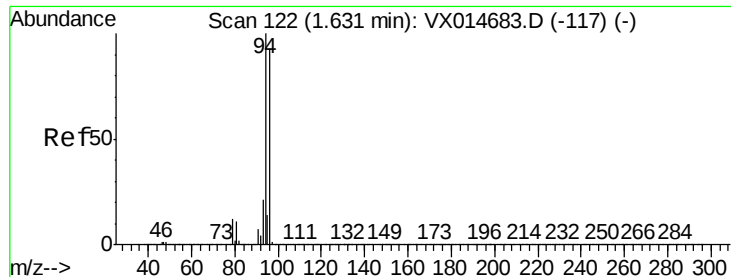
Tgt Ion: 62 Resp: 313378

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 45.350 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 192824

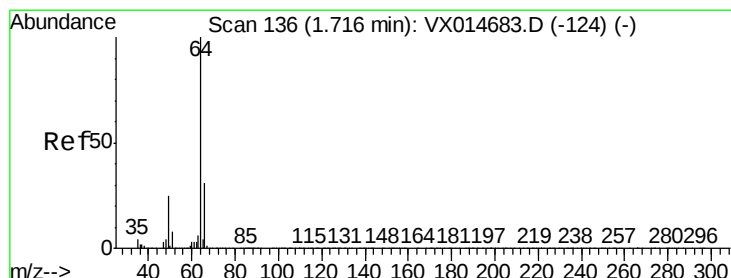
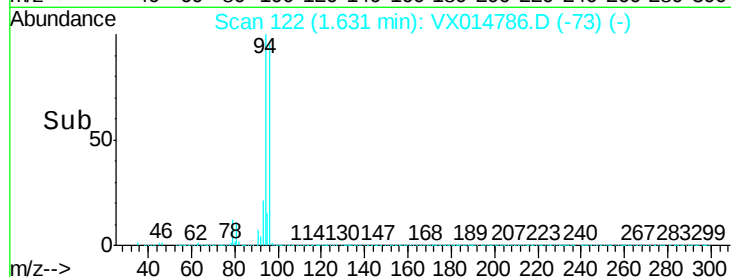
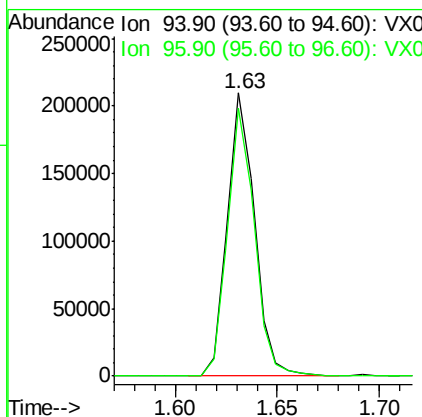
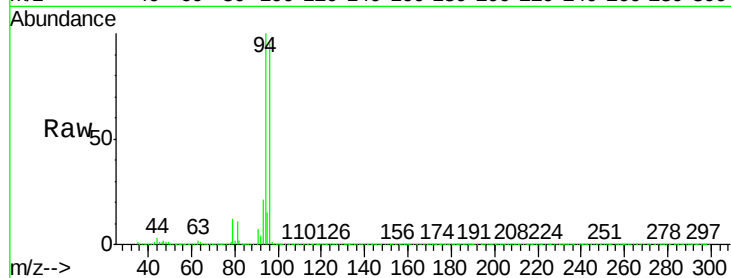
Ion Ratio Lower Upper

94 100

96 94.5 74.7 112.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#6

Chloroethane

Concen: 49.159 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014786.D

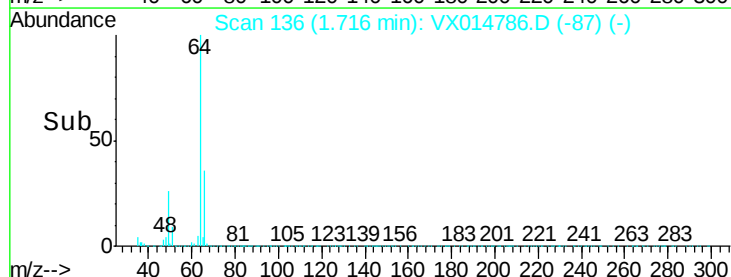
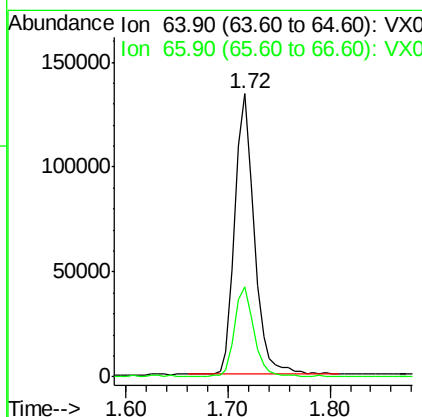
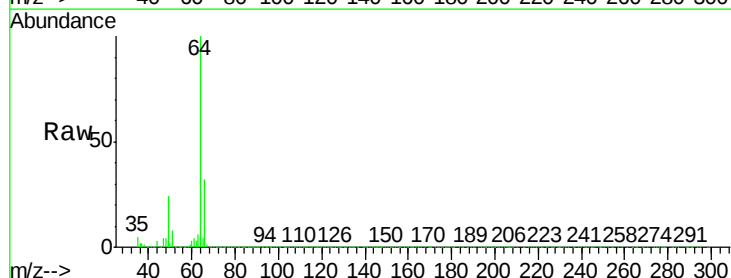
Acq: 03 Feb 2020 09:57

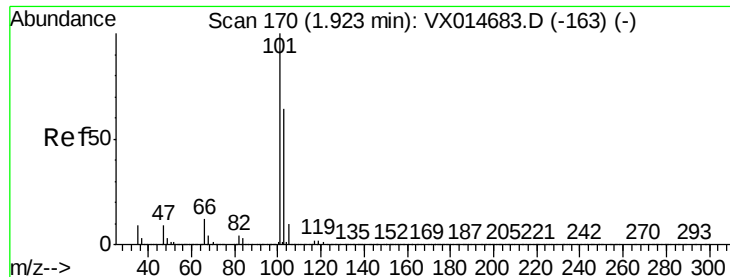
Tgt Ion: 64 Resp: 176142

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

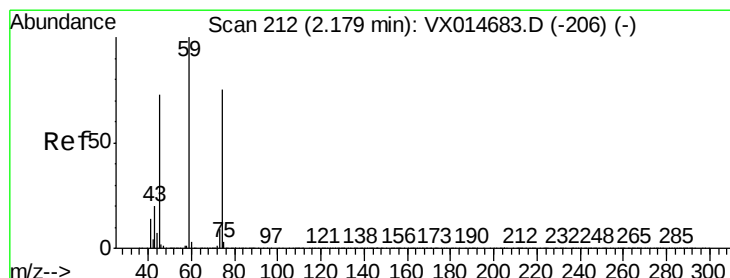
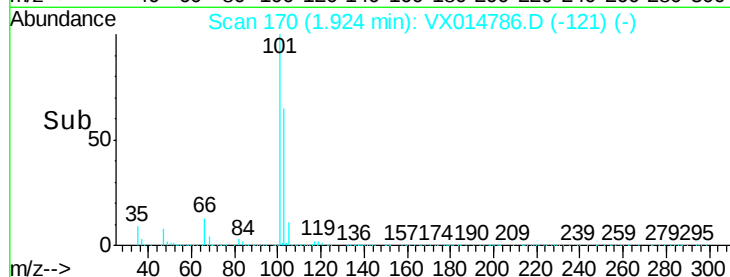
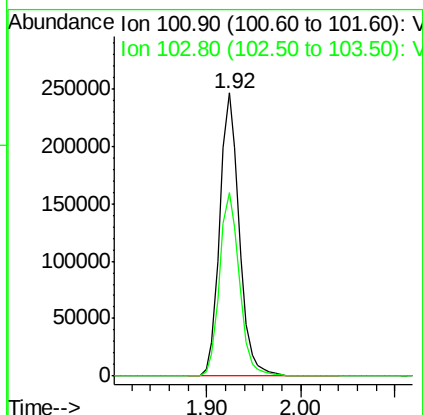
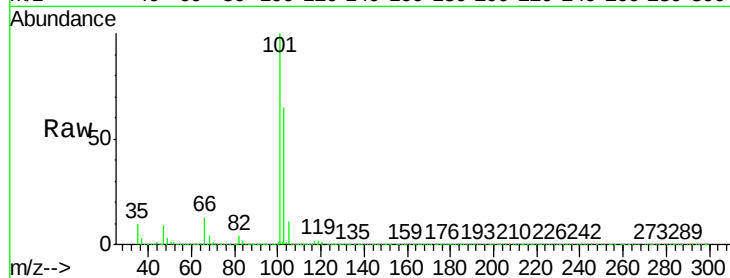
Trichlorofluoromethane
Concen: 48.555 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.0	76.6

Manual Integrations
APPROVED

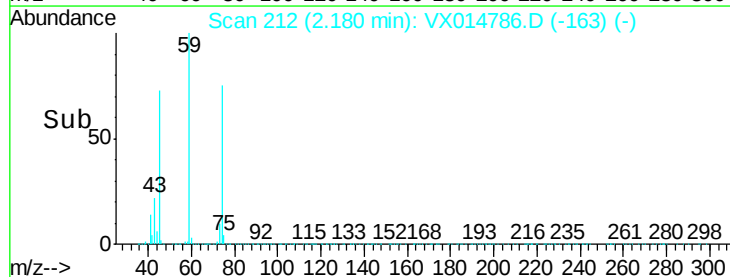
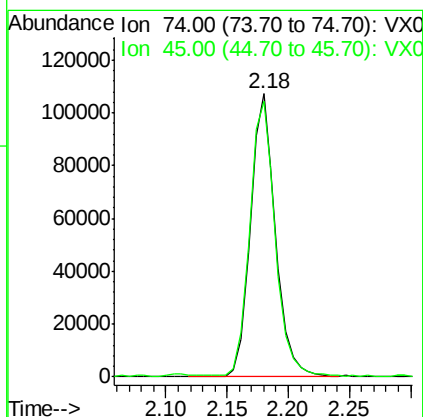
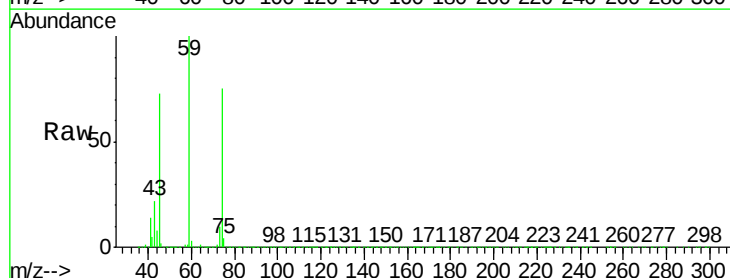
MMDadoda
2/4/2020 3:31:57 PM

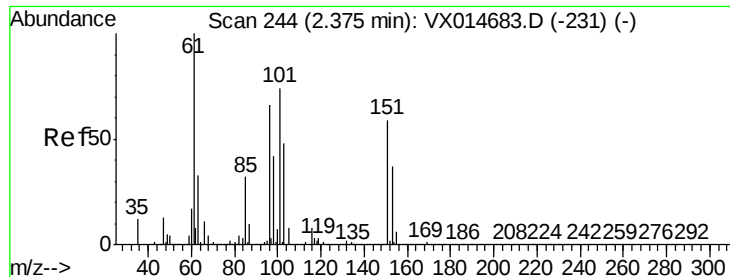


#8

Diethyl Ether
Concen: 47.846 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.277 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

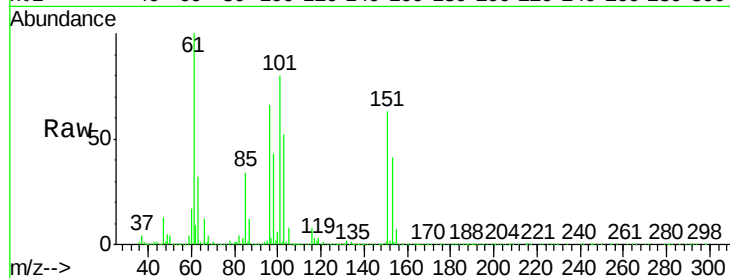
ClientSampled :

VSTDCCC050

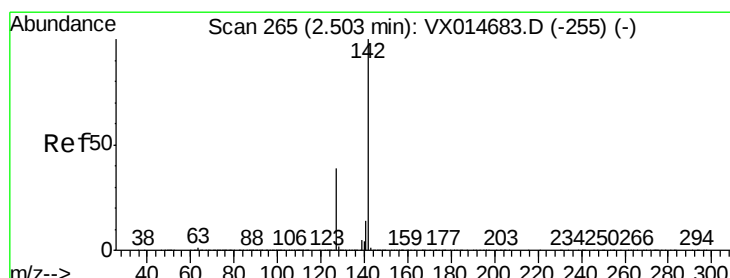
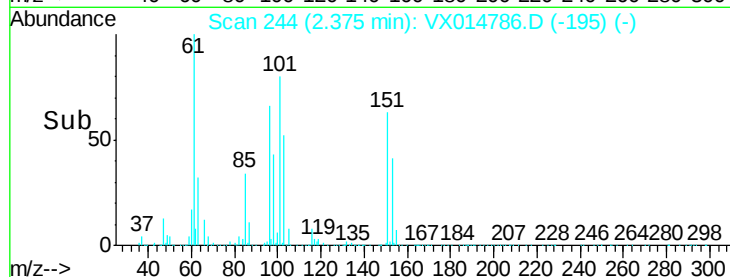
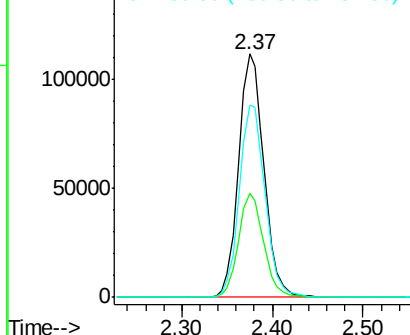
Tot Ion:	101	Resp:	215129
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.7	52.1
151	80.8	64.7	97.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.872 ug/l

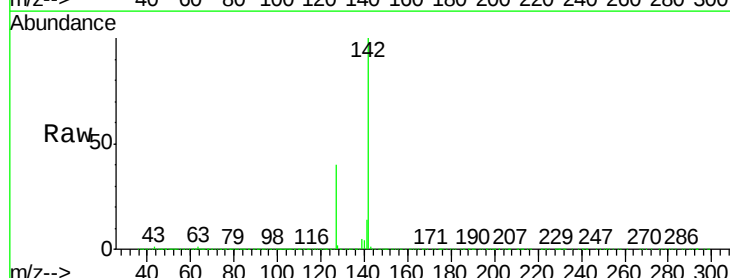
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

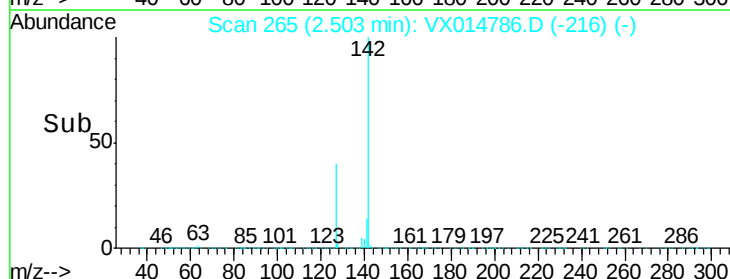
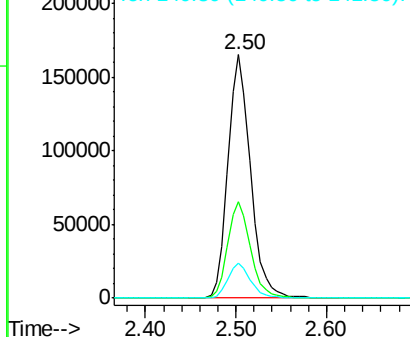
Lab File: VX014786.D

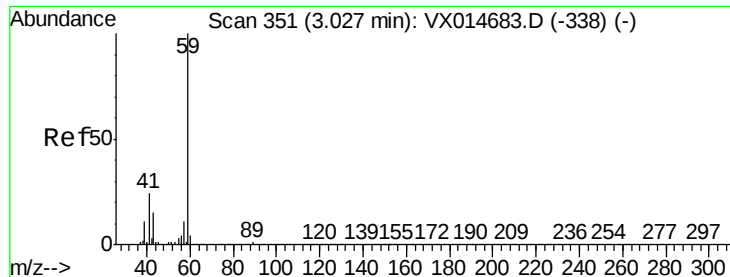
Acq: 03 Feb 2020 09:57

Tgt Ion:	142	Resp:	285622
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

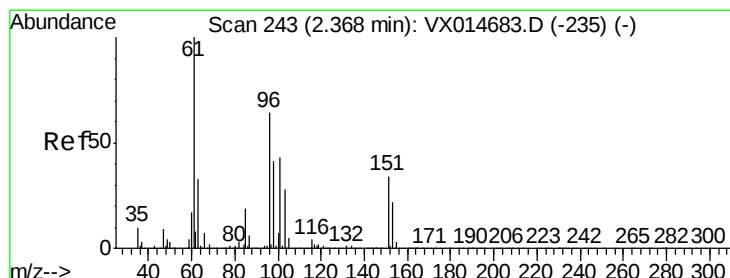
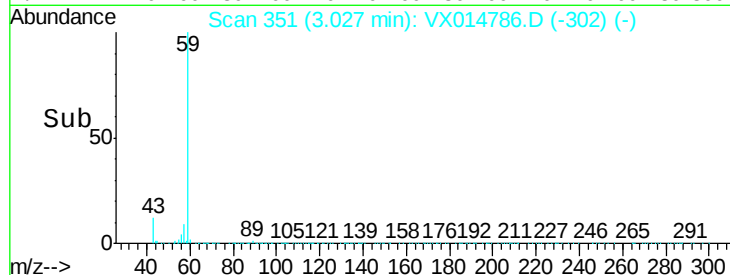
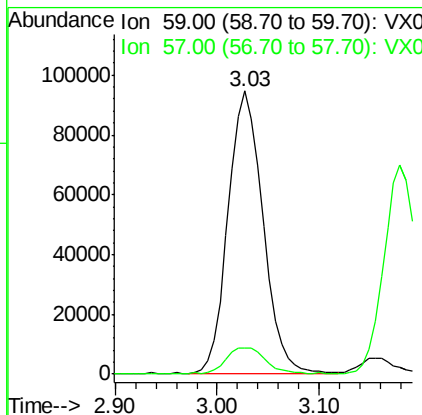
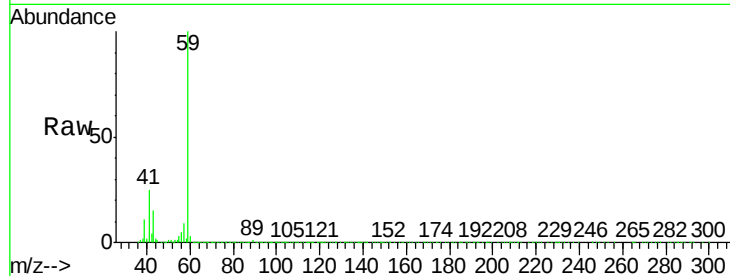
Tert butyl alcohol
Concen: 200.151 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

Manual Integrations
APPROVED

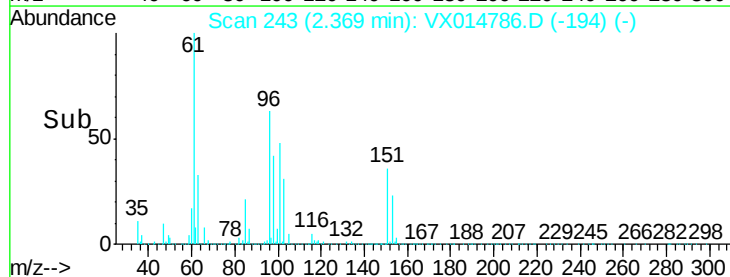
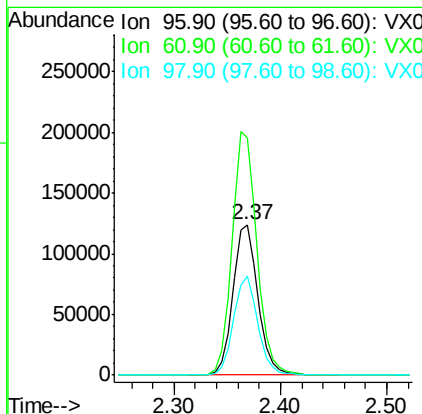
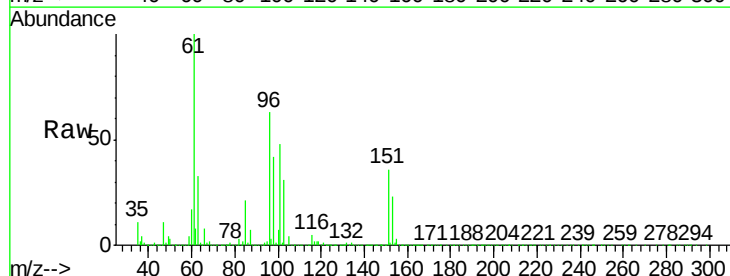
MMDadoda
2/4/2020 3:31:57 PM

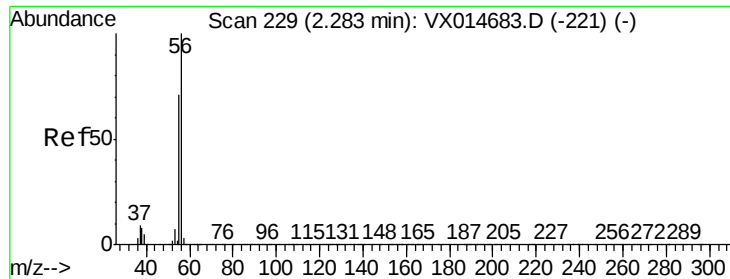


#12

1,1-Dichloroethene
Concen: 47.899 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	125.8	188.8
98	65.5	51.5	77.3





#13

Acrolein

Concen: 243.970 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 215834

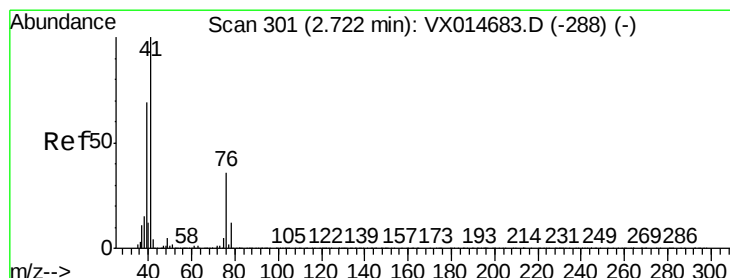
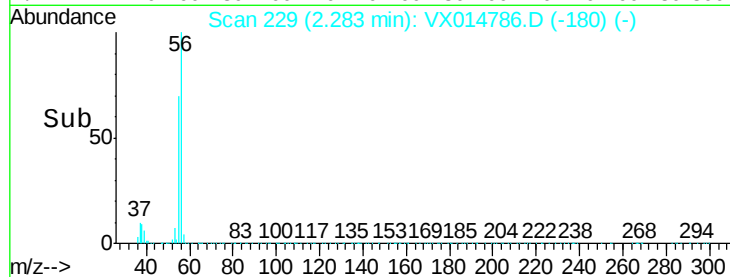
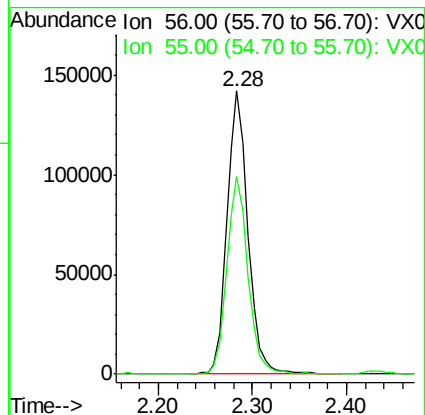
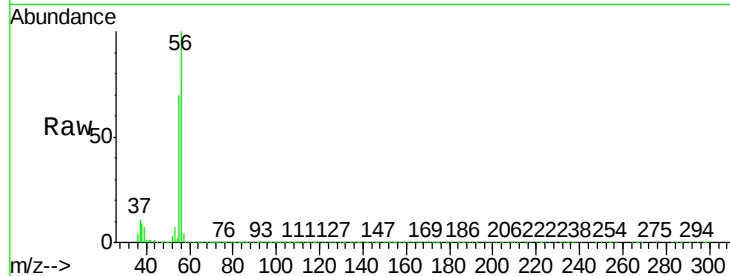
Ion Ratio Lower Upper

56 100

55 70.2 56.6 84.8

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#14

Allyl chloride

Concen: 49.531 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

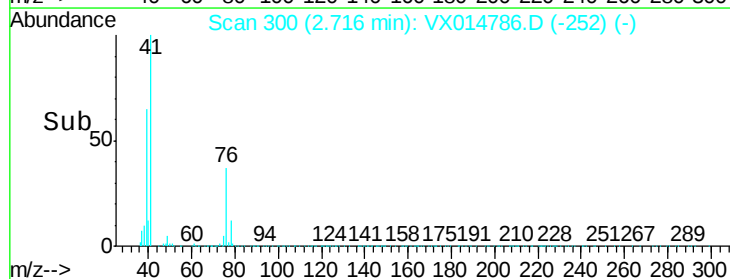
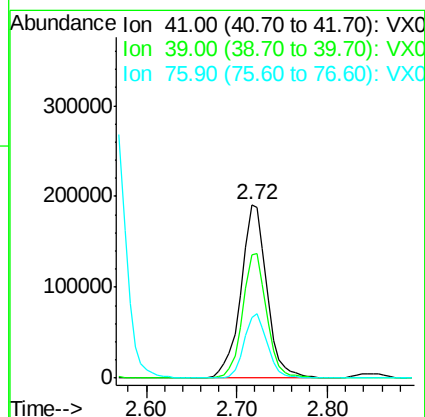
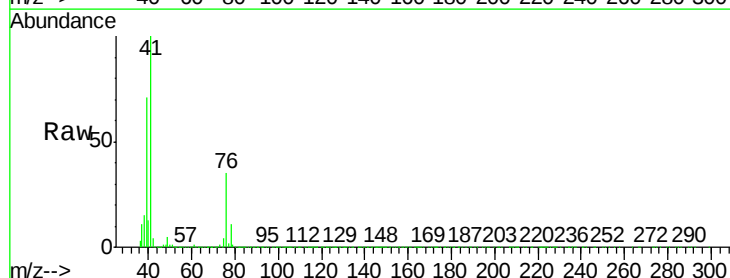
Tgt Ion: 41 Resp: 378757

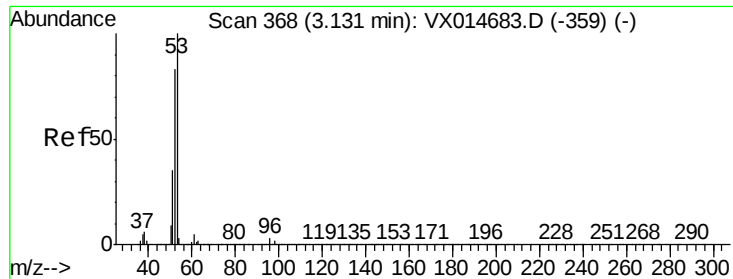
Ion Ratio Lower Upper

41 100

39 66.5 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 238.521 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

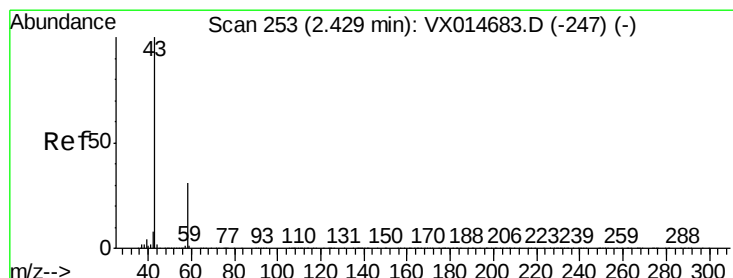
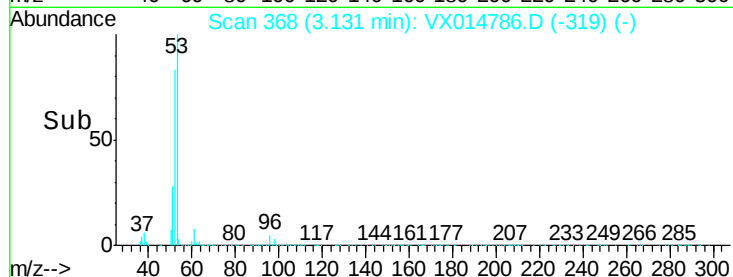
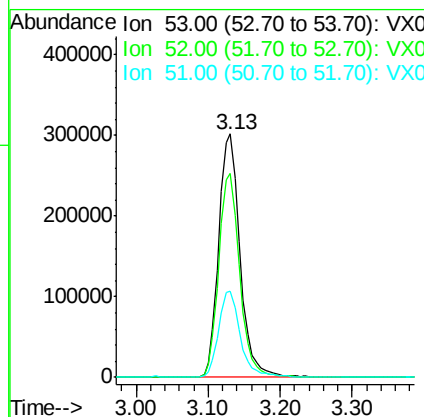
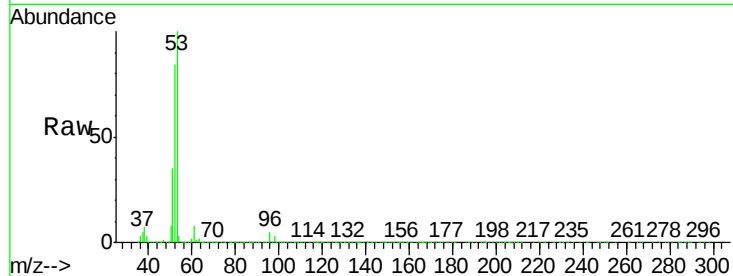
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	619213
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.4	99.6
51	35.9	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#16

Acetone

Concen: 290.522 ug/l

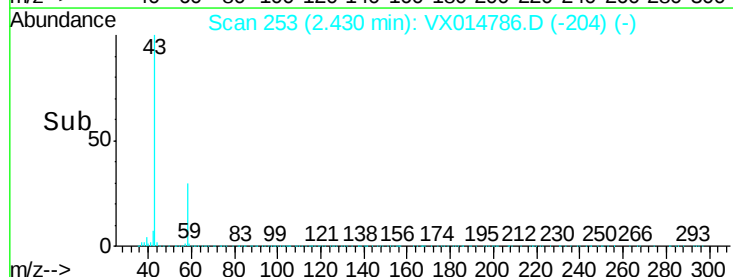
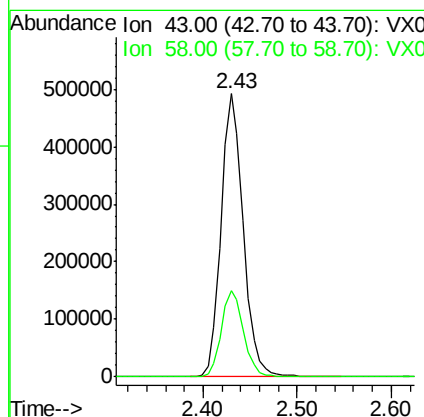
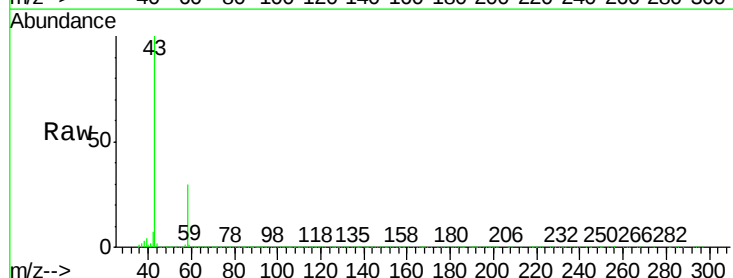
RT: 2.43 min Scan# 253

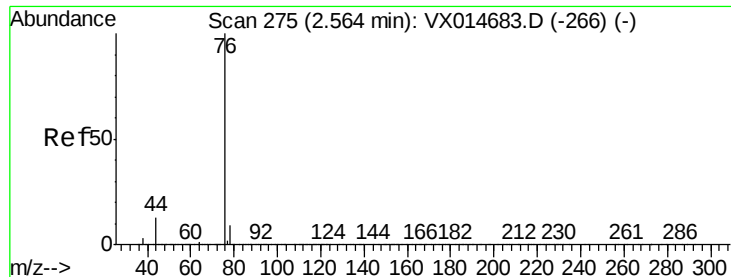
Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	43	Resp:	795803
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.5	36.7





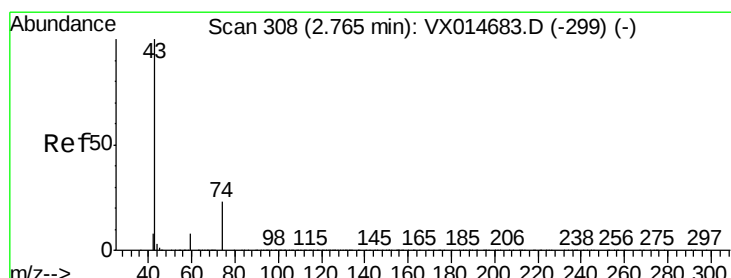
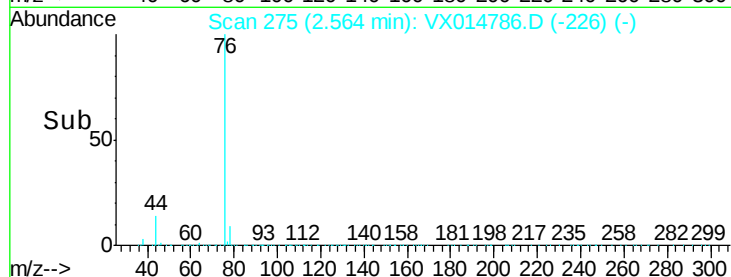
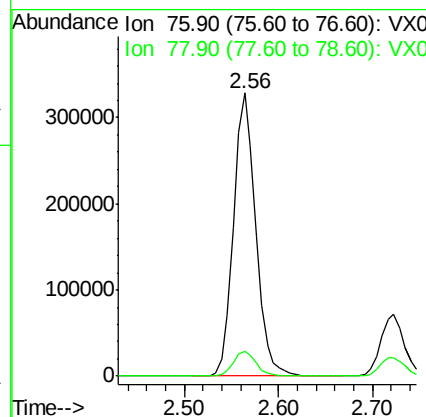
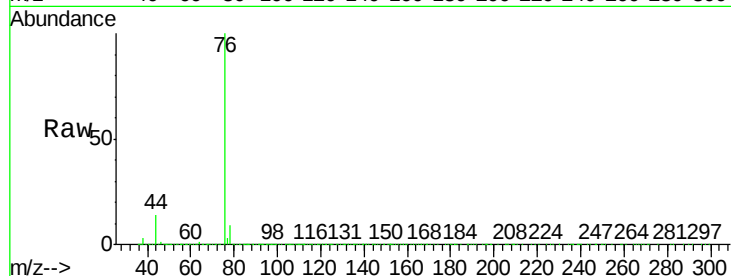
#17
Carbon Disulfide
Concen: 46.130 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

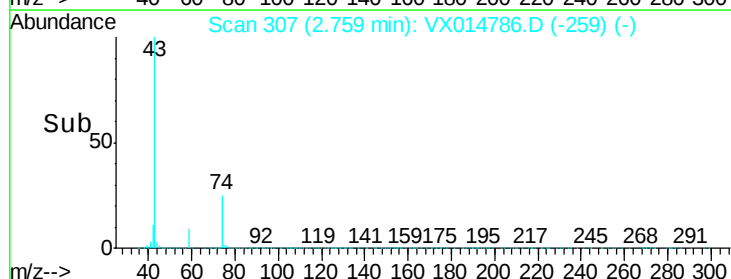
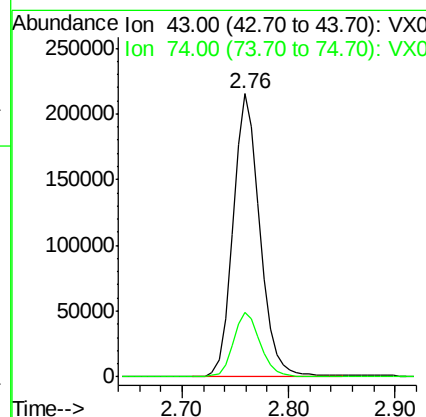
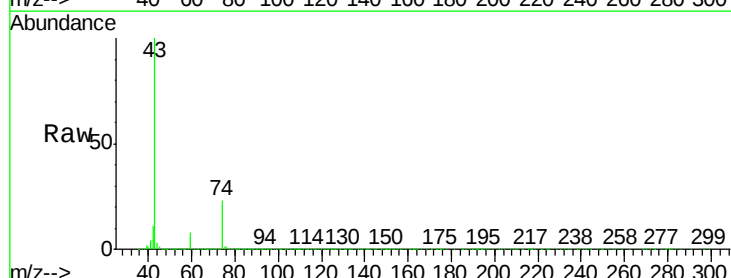
Manual Integrations
APPROVED

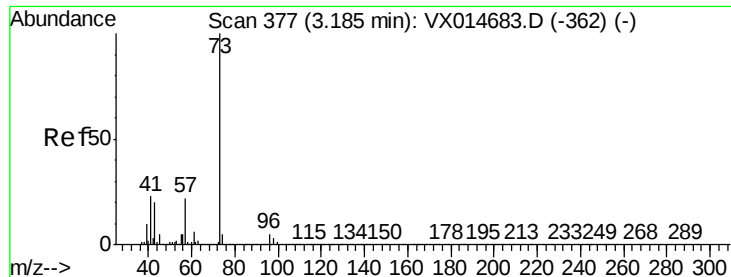
MMDadoda
2/4/2020 3:31:57 PM



#18
Methyl Acetate
Concen: 48.355 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.5	27.7





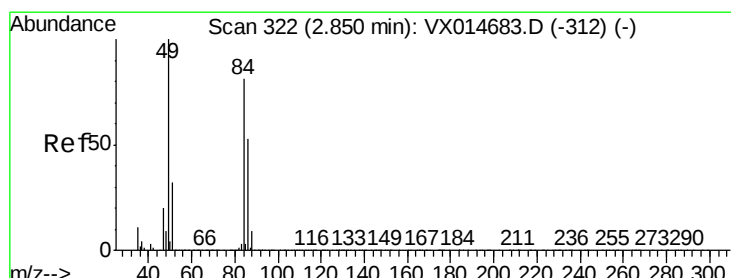
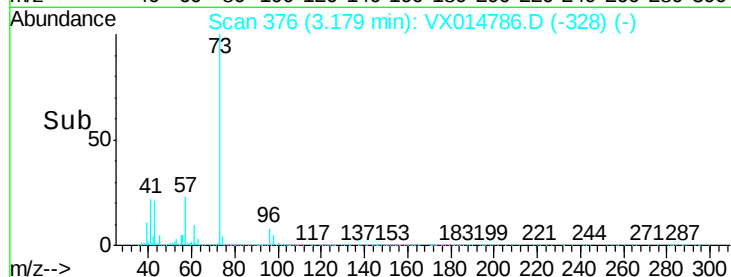
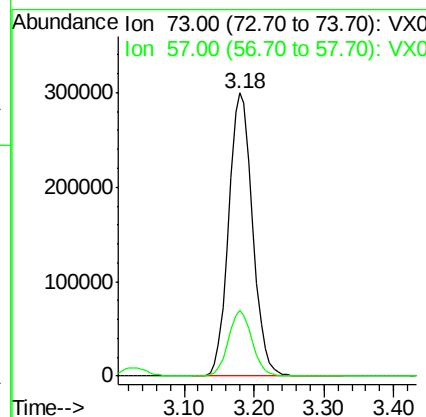
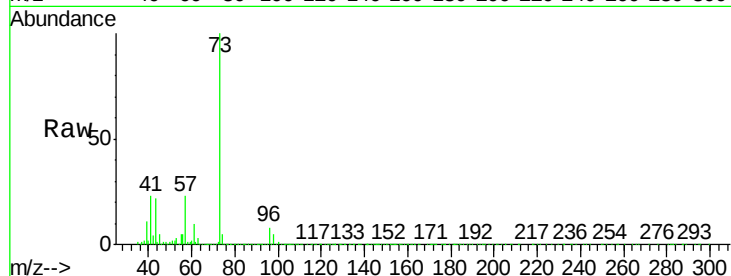
#19
Methvl tert-butvl Ether
Concen: 50.820 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.0	27.0

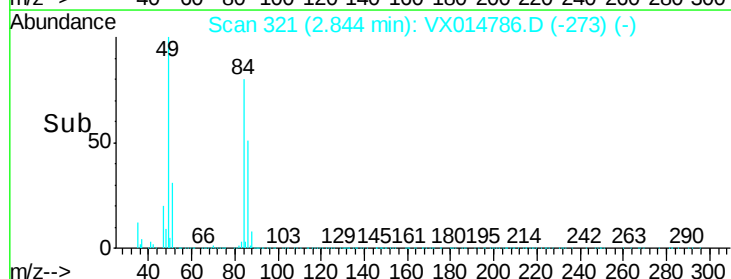
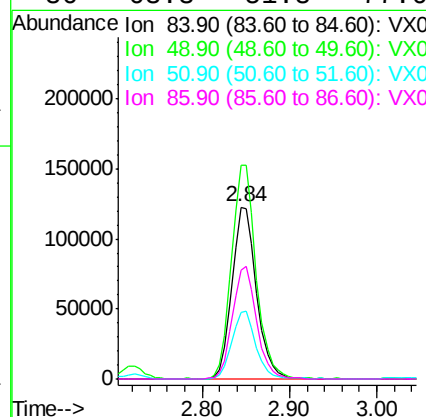
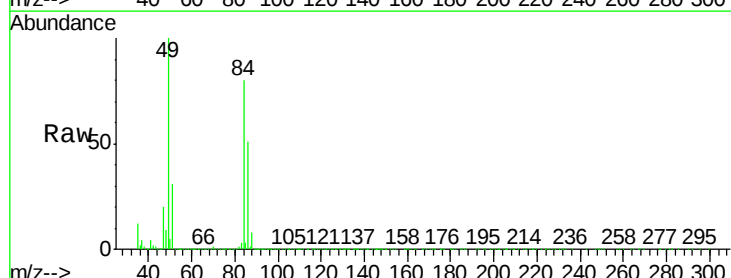
Manual Integrations
APPROVED

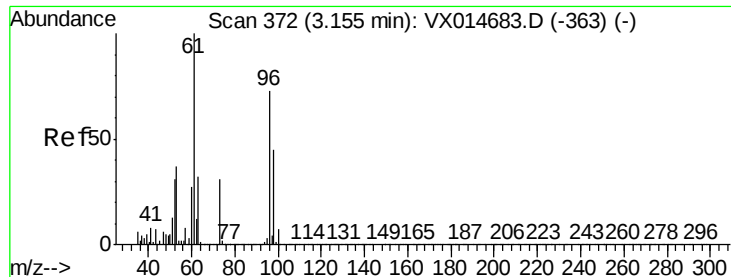
MMDadoda
2/4/2020 3:31:57 PM



#20
Methylene Chloride
Concen: 47.045 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	98.2	147.4
51	38.6	31.3	46.9
86	63.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.015 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

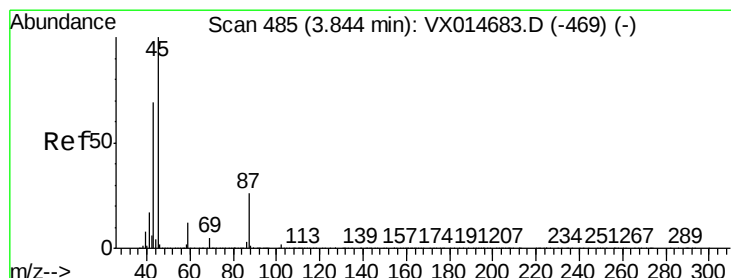
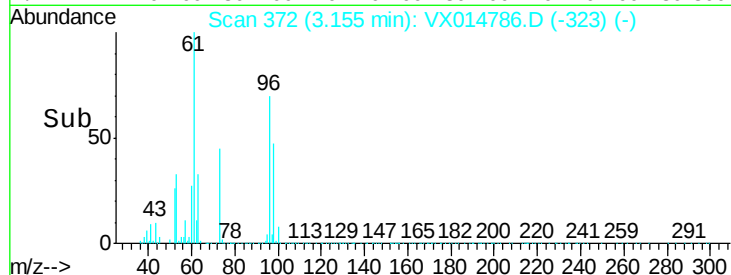
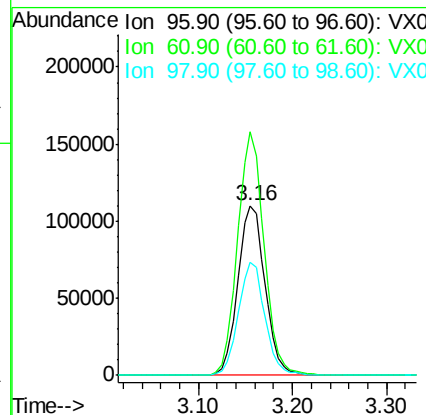
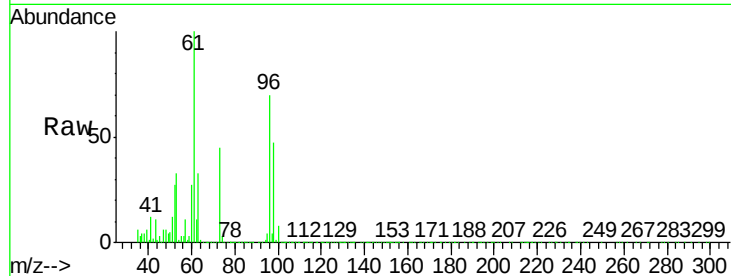
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	220228
Ion Ratio	Lower	Upper	
96	100		
61	143.1	109.8	164.6
98	66.7	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#22

Diisopropyl ether

Concen: 51.660 ug/l

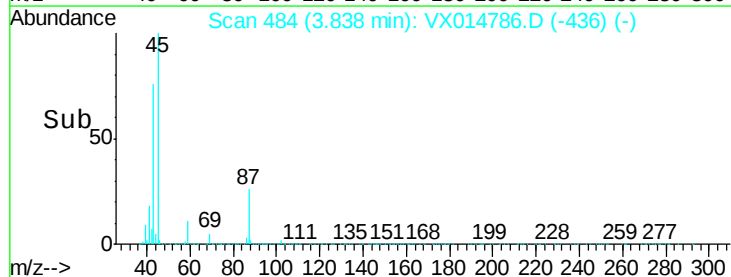
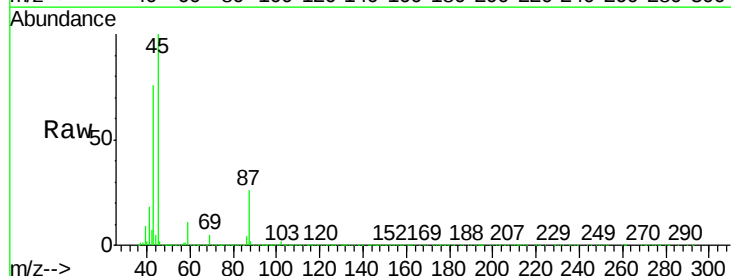
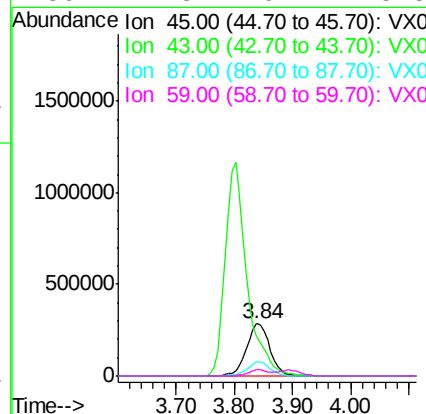
RT: 3.84 min Scan# 484

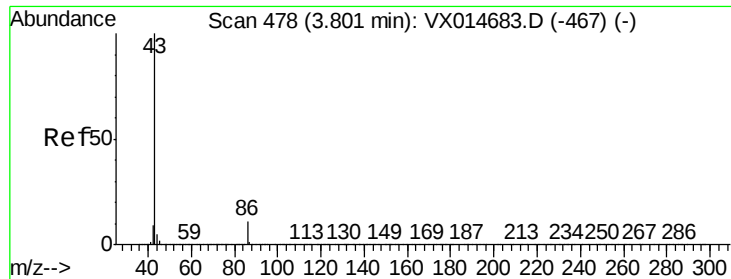
Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	45	Resp:	785945
Ion Ratio	Lower	Upper	
45	100		
43	76.0	55.1	82.7
87	26.1	20.7	31.1
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 260.840 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3025046

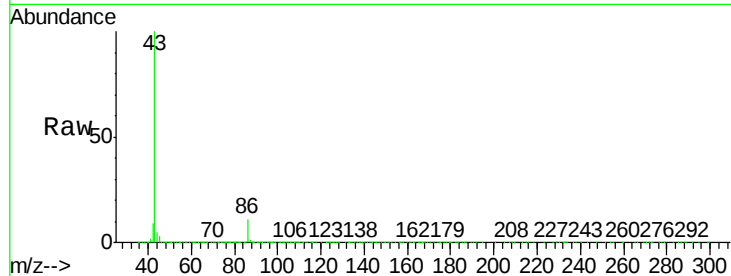
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

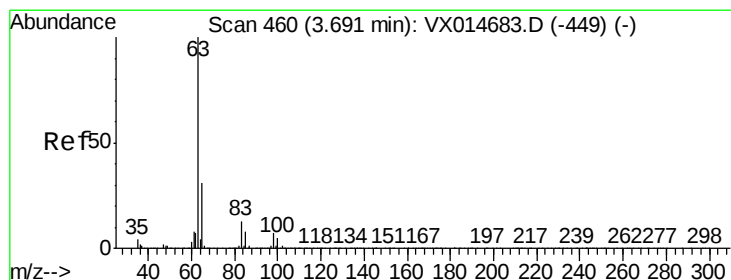
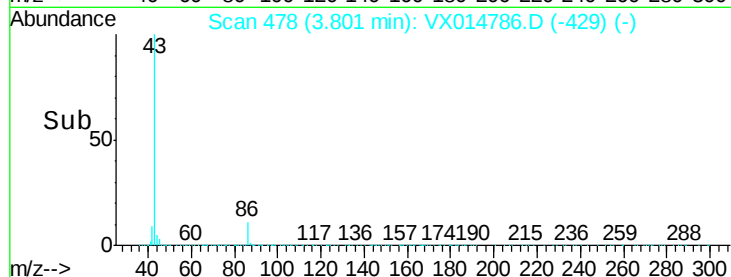
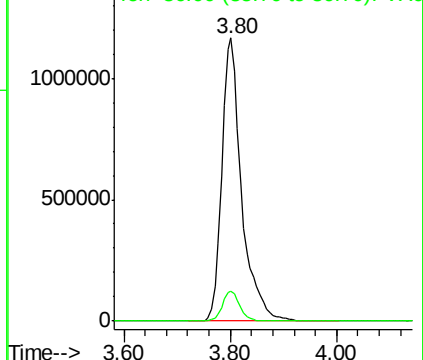
Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.910 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

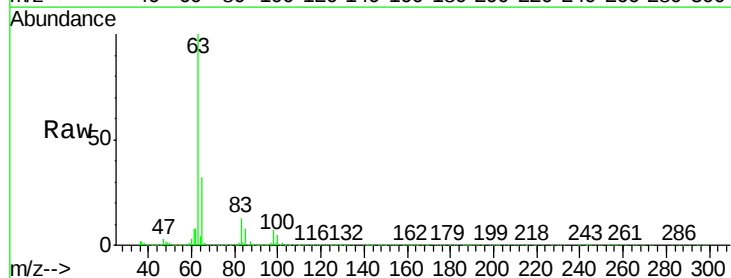
Tgt Ion: 63 Resp: 412369

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

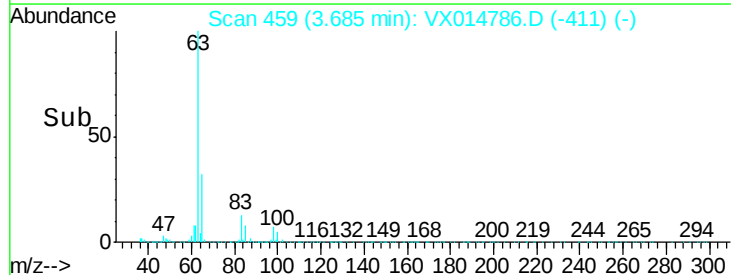
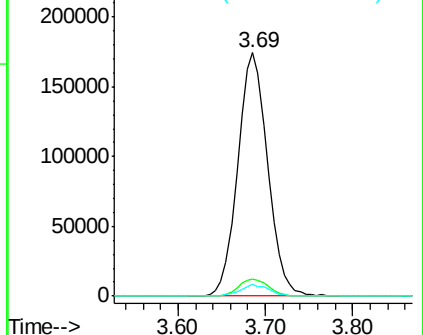
100 4.7 2.2 6.6

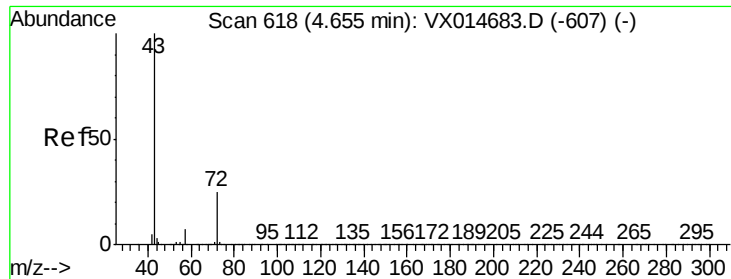


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.768 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 968388

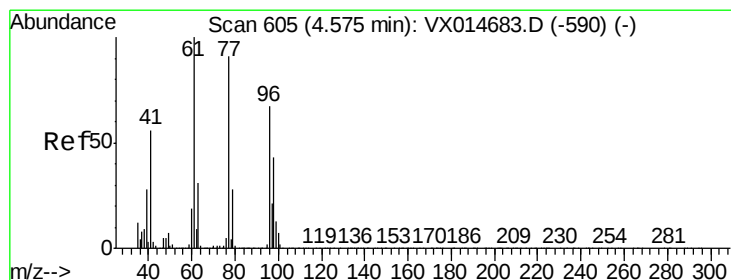
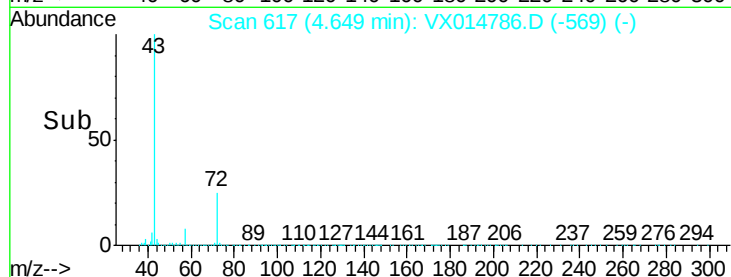
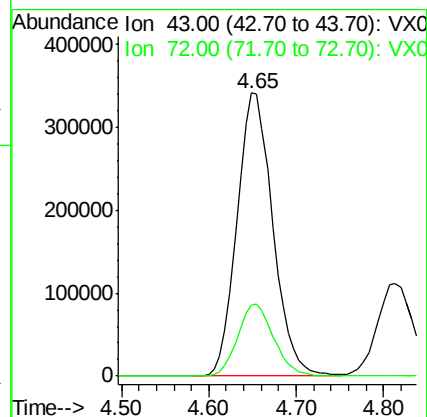
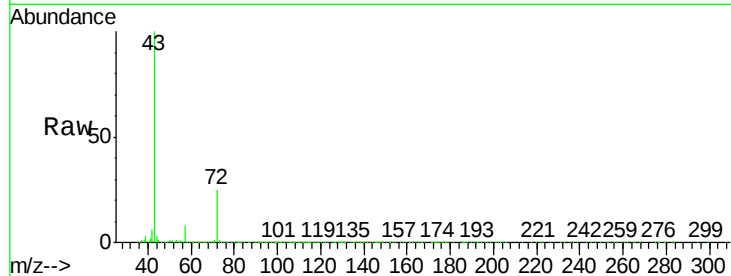
Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#26

2,2-Dichloropropane

Concen: 51.699 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014786.D

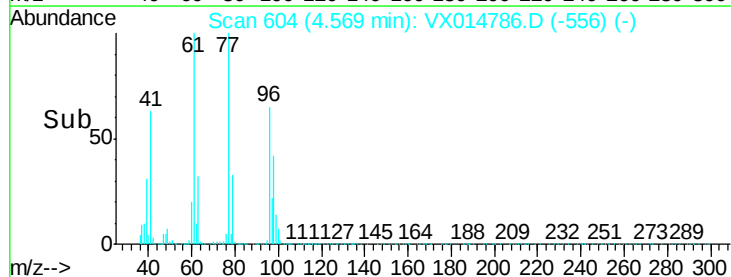
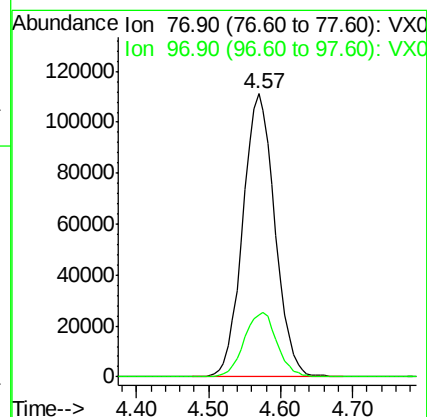
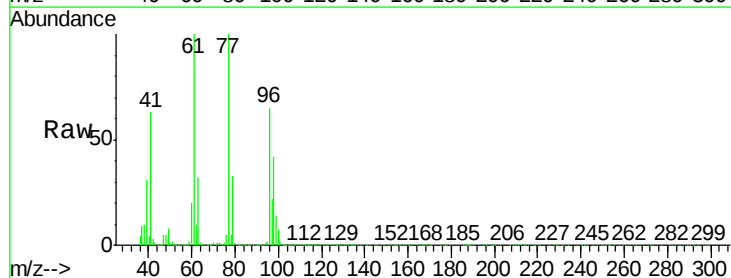
Acq: 03 Feb 2020 09:57

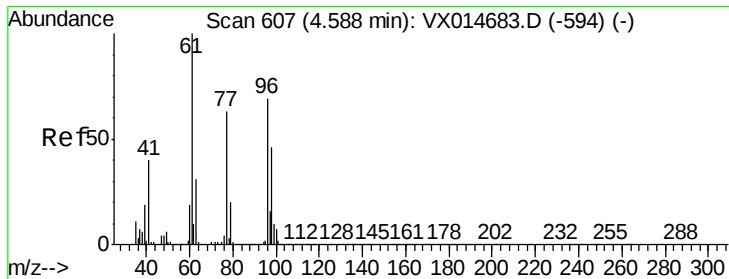
Tgt Ion: 77 Resp: 341899

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

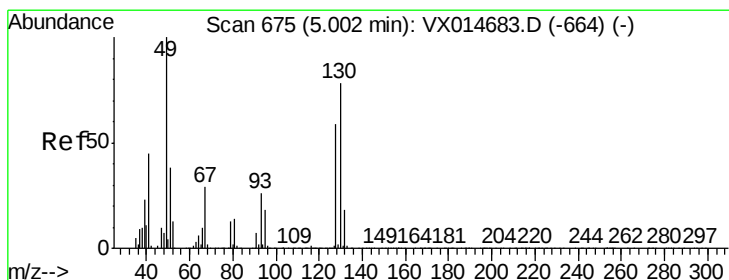
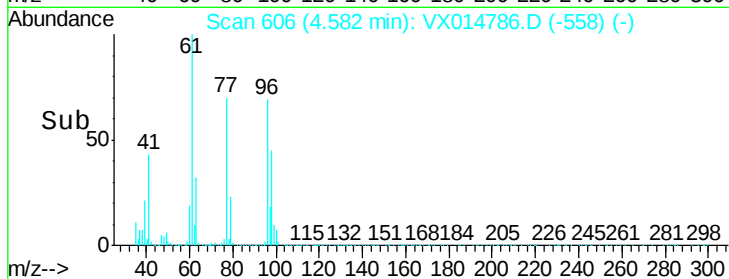
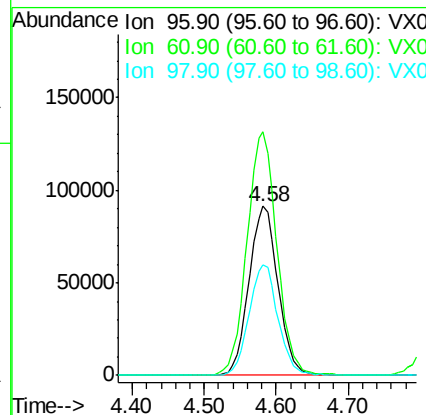
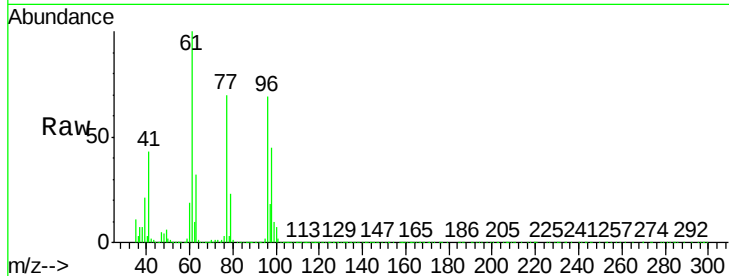
cis-1,2-Dichloroethene
Concen: 48.800 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	255836		
61	147.6	0.0	291.0	
98	65.1	0.0	129.8	

Manual Integrations
APPROVED

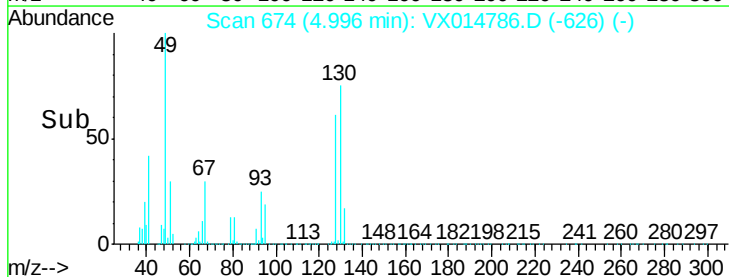
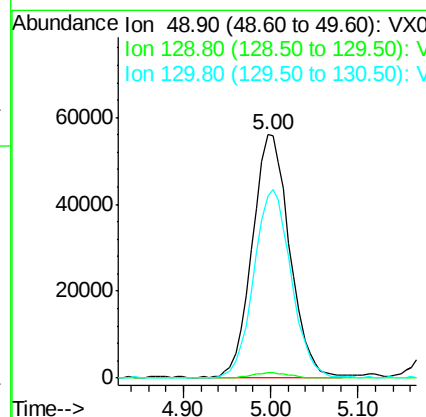
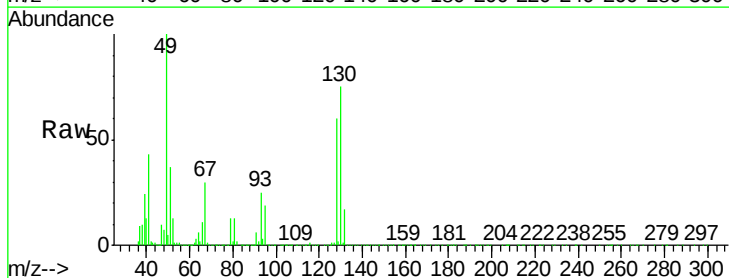
MMDadoda
2/4/2020 3:31:57 PM

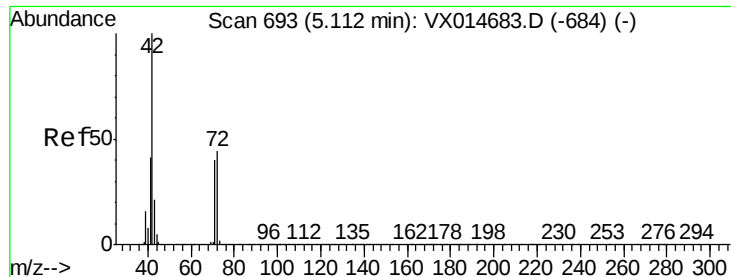


#28

Bromochloromethane
Concen: 45.661 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	165782		
129	2.5	0.0	4.8	
130	77.5	62.4	93.6	





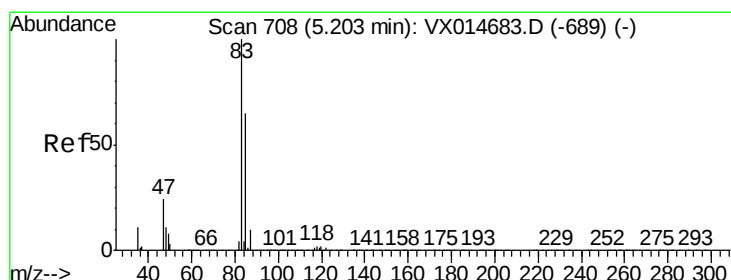
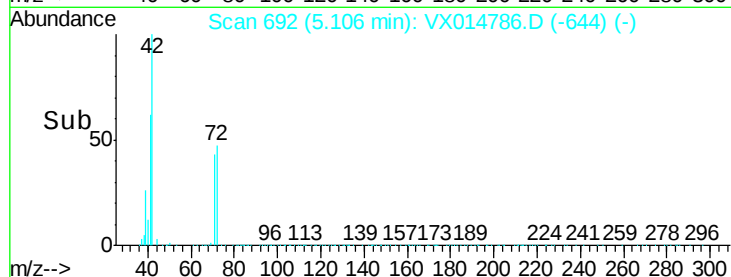
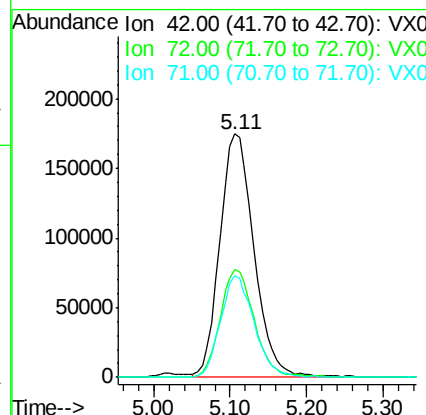
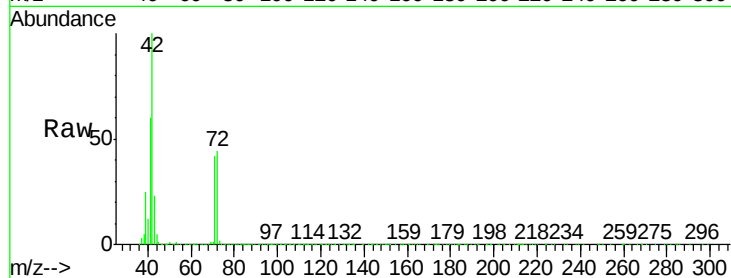
#29
Tetrahydrofuran
Concen: 229.475 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
72	44.8	35.3	52.9	
71	41.3	33.1	49.7	

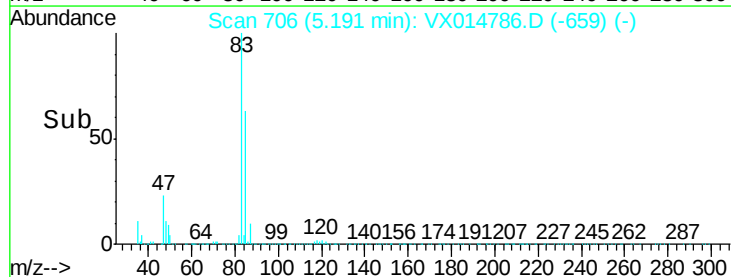
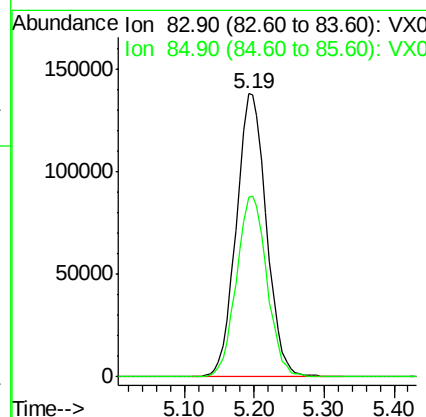
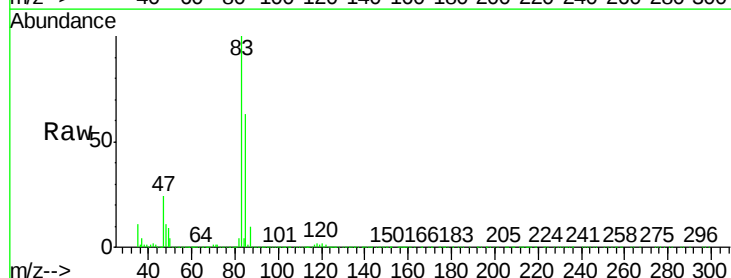
Manual Integrations
APPROVED

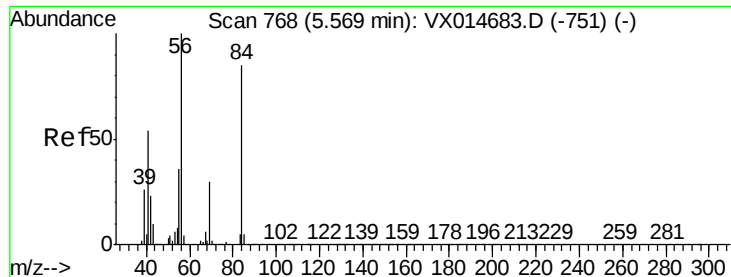
MMDadoda
2/4/2020 3:31:57 PM



#30
Chloroform
Concen: 50.383 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	63.3	51.7	77.5	





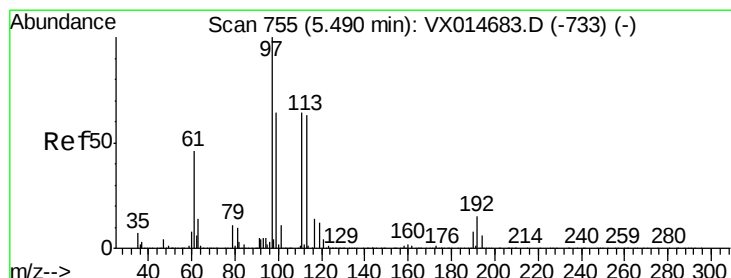
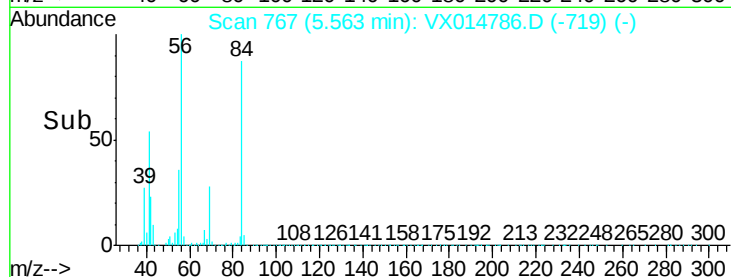
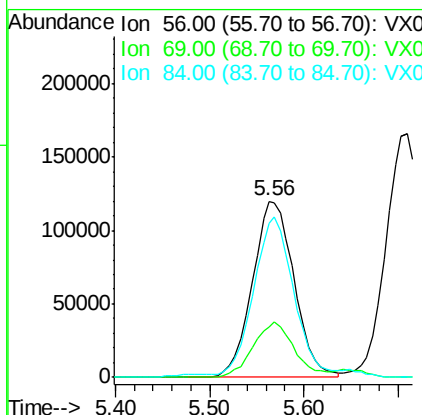
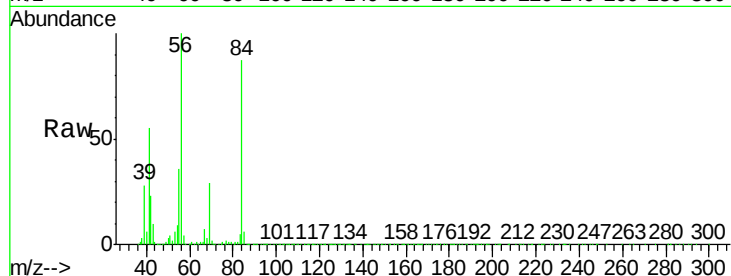
#31
Cyclohexane
Concen: 47.619 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.4	35.2
84	85.7	68.4	102.6

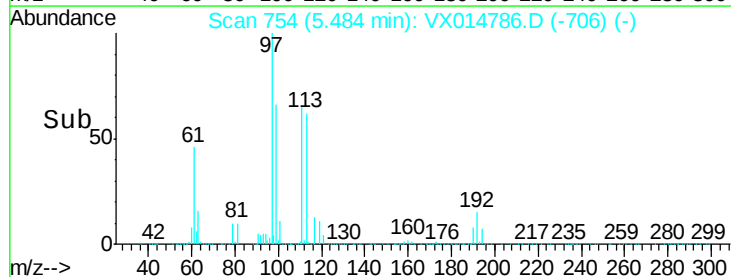
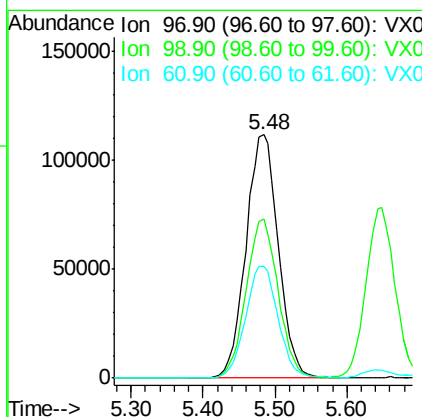
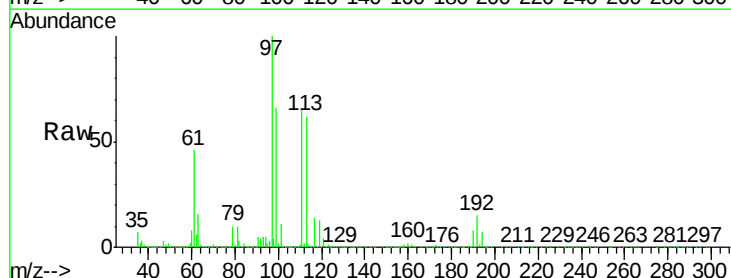
Manual Integrations
APPROVED

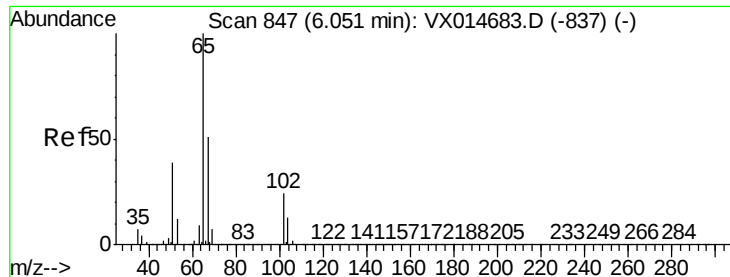
MMDadoda
2/4/2020 3:31:57 PM



#32
1,1,1-Trichloroethane
Concen: 50.276 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	46.0	37.2	55.8





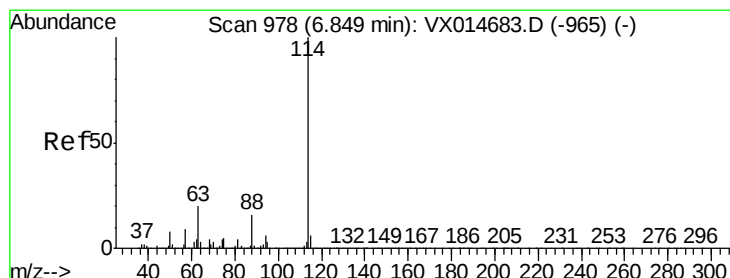
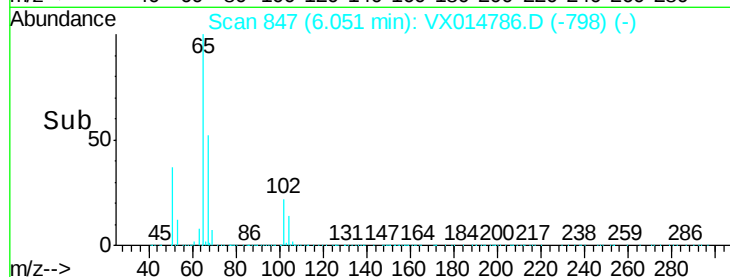
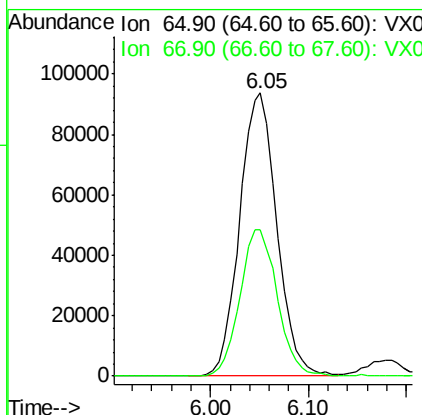
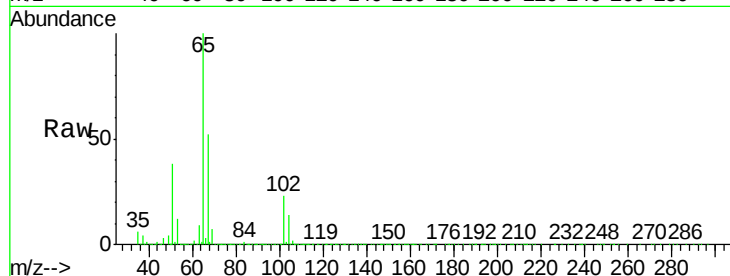
#33
 1,2-Dichloroethane-d4
 Concen: 49.443 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4

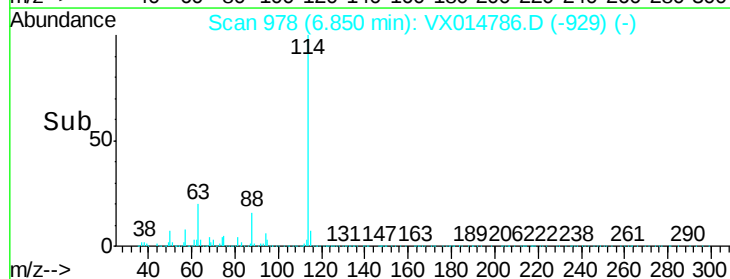
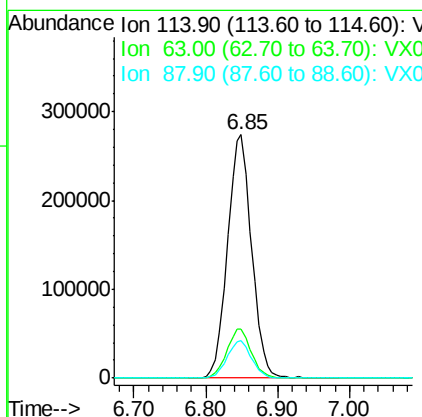
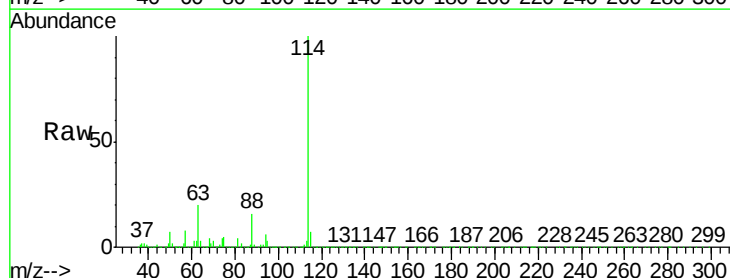
Manual Integrations
 APPROVED

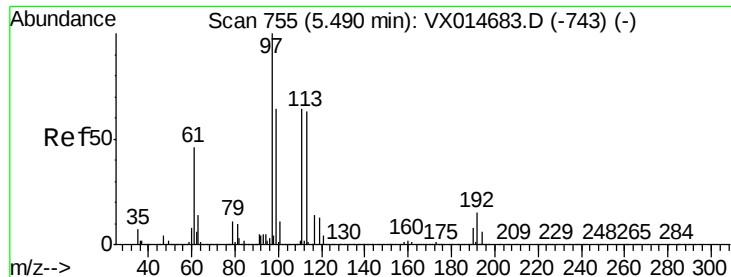
MMDadoda
 2/4/2020 3:31:57 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.5	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

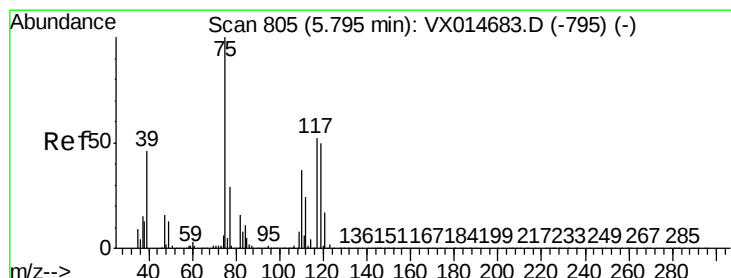
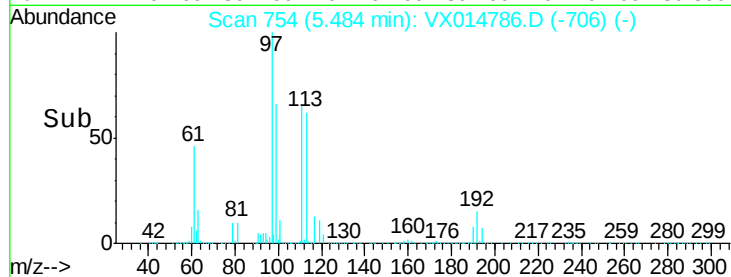
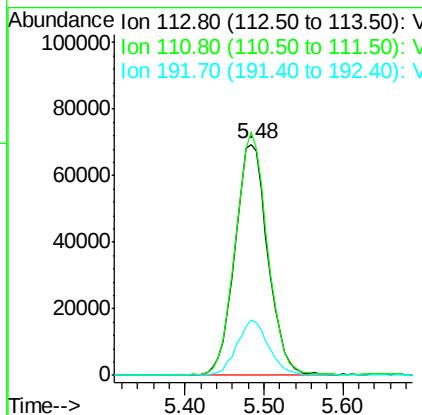
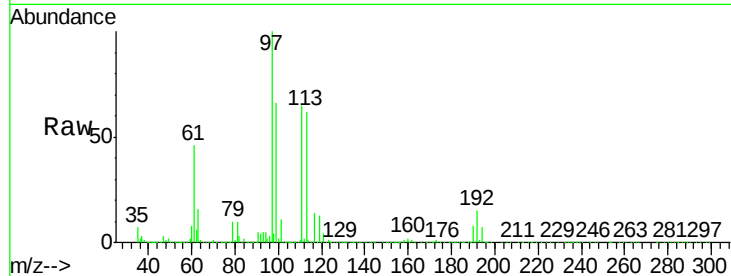
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	200988
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.7	121.1
192	23.3	18.5	27.7

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#36

1,1-Dichloropropene

Concen: 52.022 ug/l

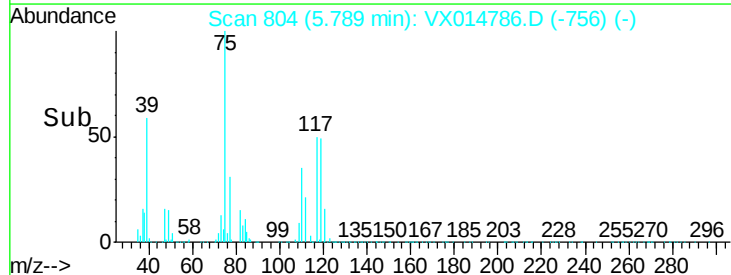
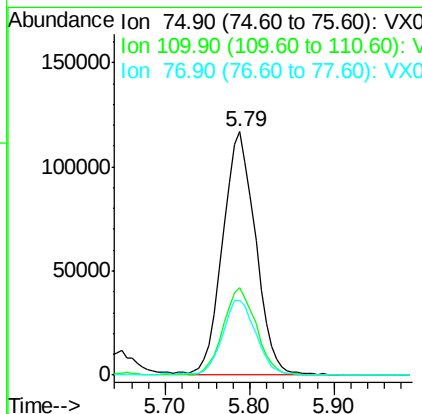
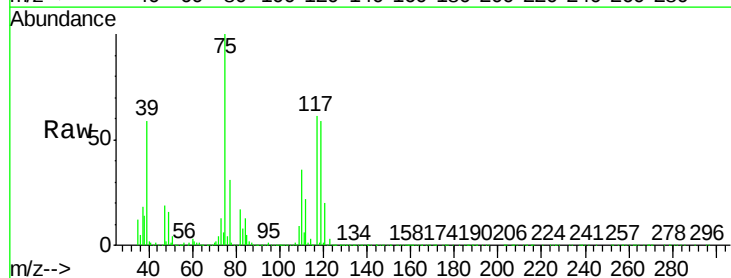
RT: 5.79 min Scan# 804

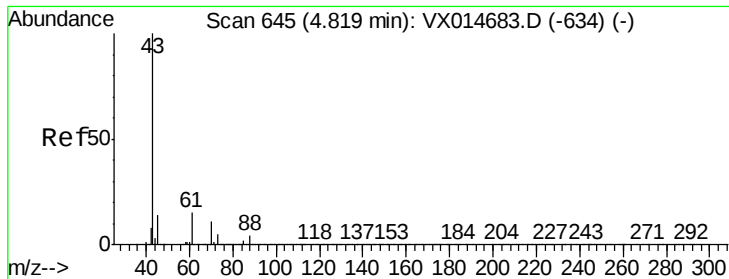
Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	75	Resp:	307846
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.7
77	31.1	24.1	36.1





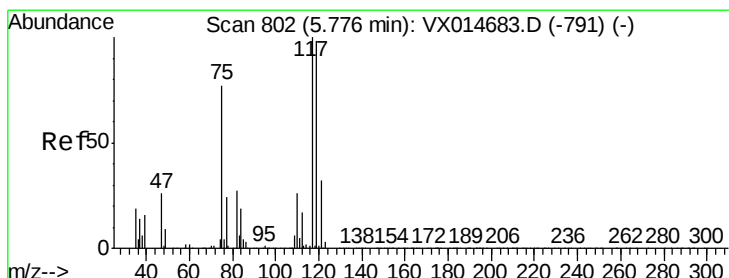
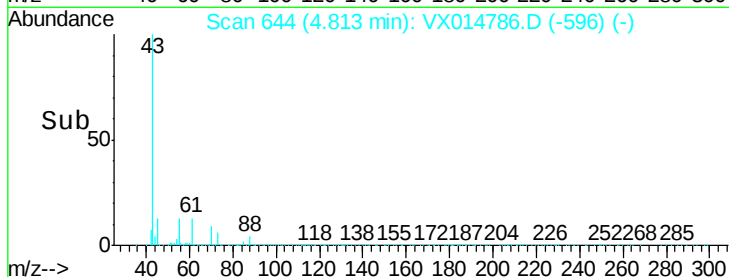
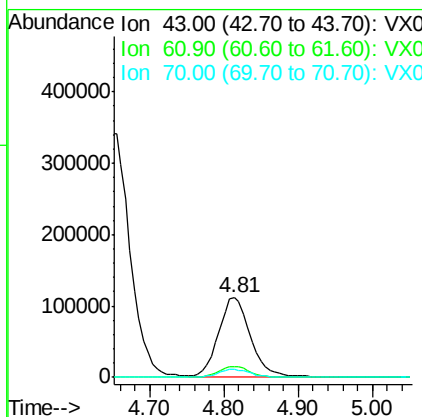
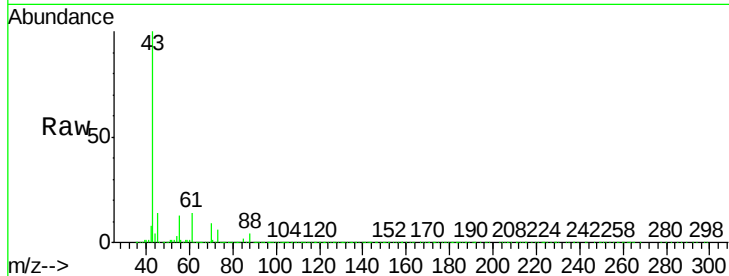
#37
Ethyl Acetate
Concen: 48.812 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	330830
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.4
70	10.0	8.5	12.7

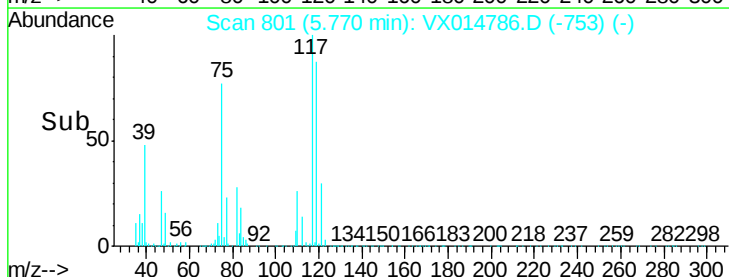
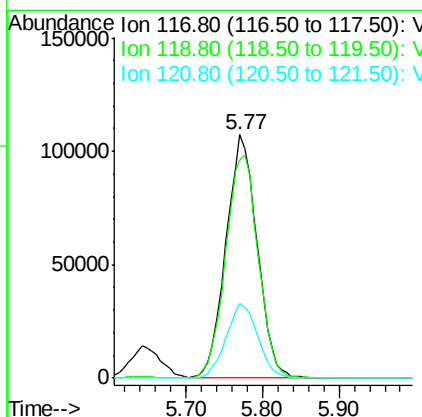
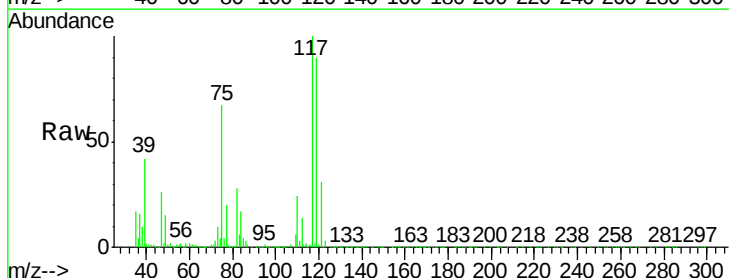
Manual Integrations
APPROVED

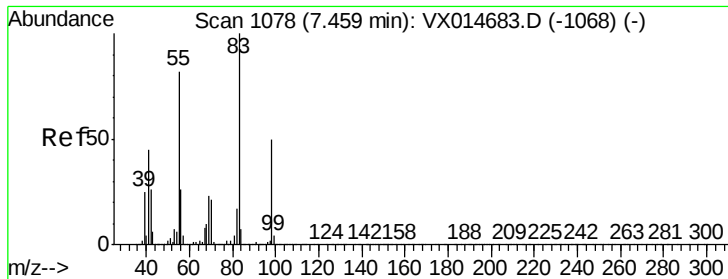
MMDadoda
2/4/2020 3:31:57 PM



#38
Carbon Tetrachloride
Concen: 53.416 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	117	Resp	301886
Ion Ratio	Lower	Upper	
117	100		
119	89.4	77.9	116.9
121	30.5	25.4	38.2





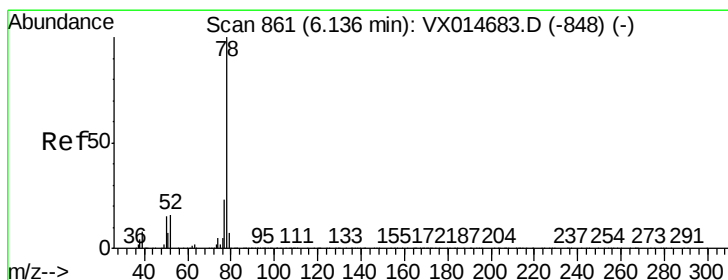
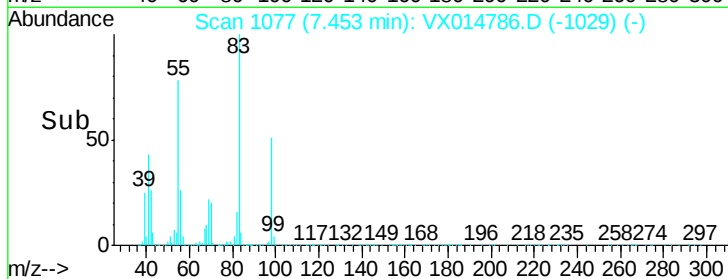
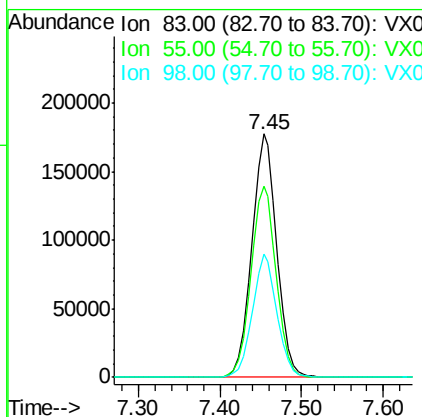
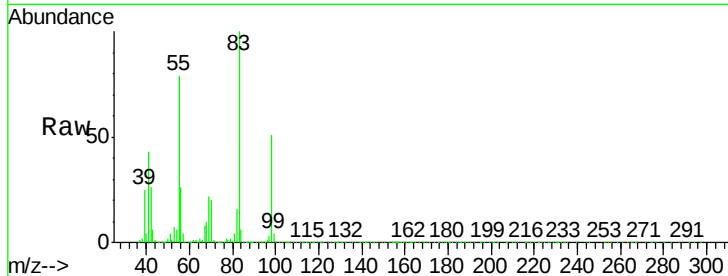
#39
Methvlcvclohexane
Concen: 51.065 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.6	98.4
98	50.7	40.2	60.4

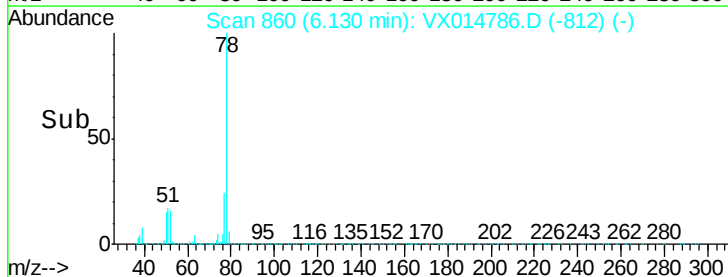
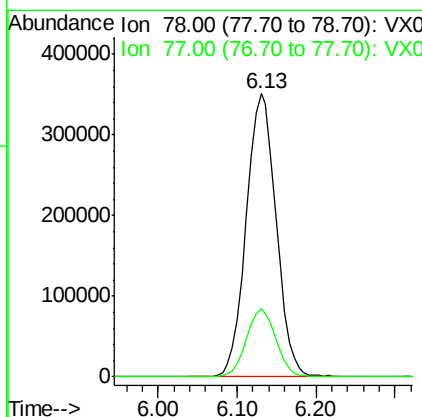
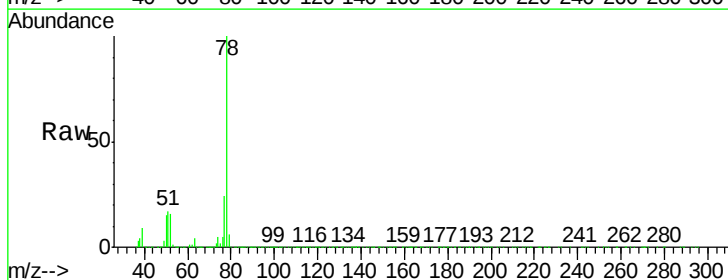
Manual Integrations
APPROVED

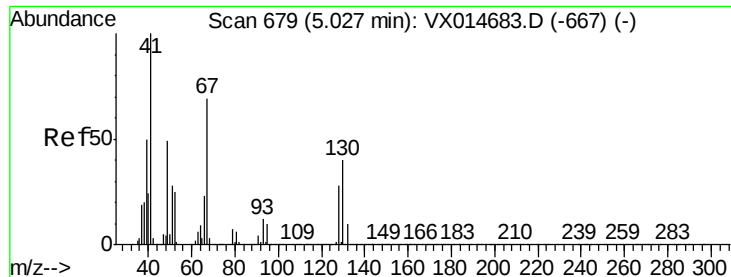
MMDadoda
2/4/2020 3:31:57 PM



#40
Benzene
Concen: 50.592 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





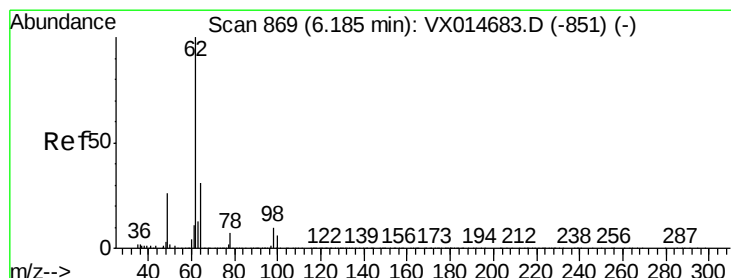
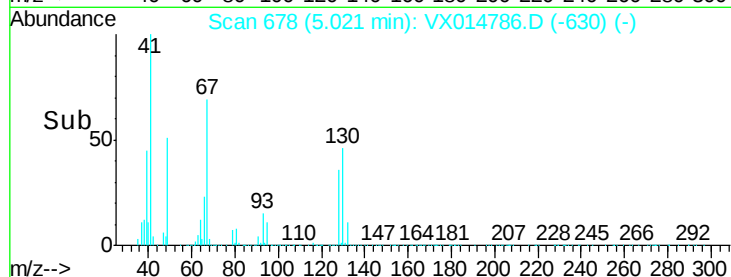
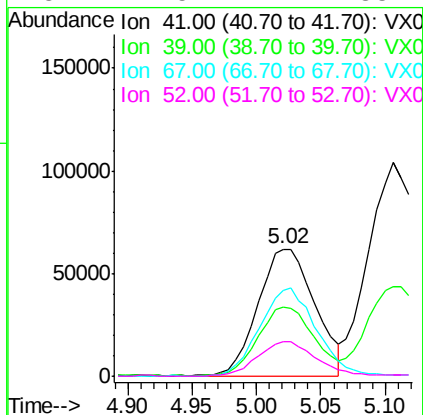
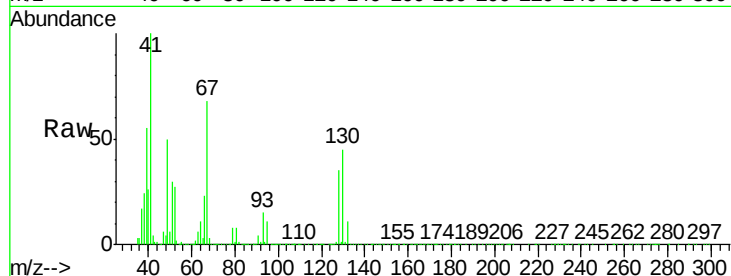
#41
Methacrylonitrile
Concen: 48.633 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188077		
39	53.5	42.2	63.2		
67	69.3	55.4	83.0		
52	27.5	22.1	33.1		

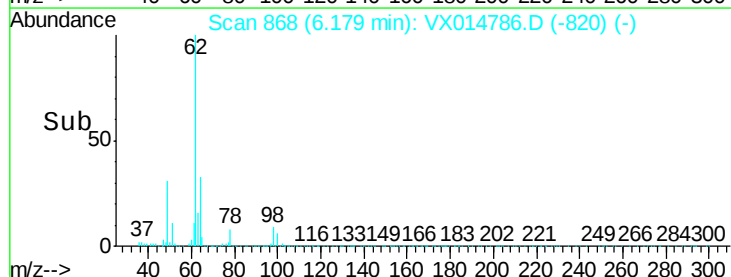
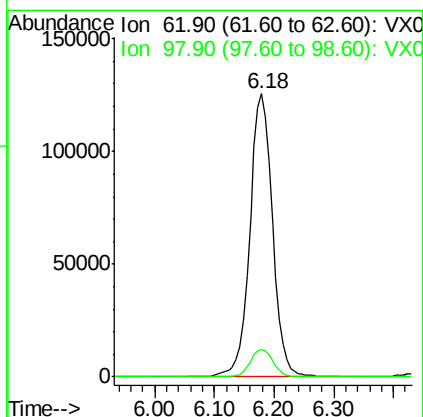
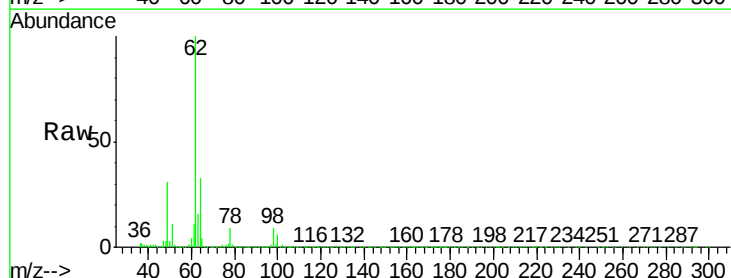
Manual Integrations
APPROVED

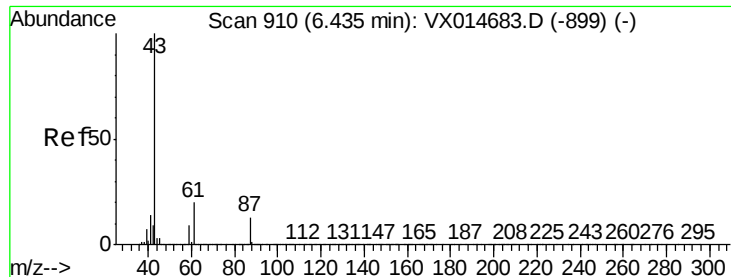
MMDadoda
2/4/2020 3:31:57 PM



#42
1,2-Dichloroethane
Concen: 52.615 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		332209		
98	9.6	0.0	20.0		





#43

Isopropyl Acetate

Concen: 49.532 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

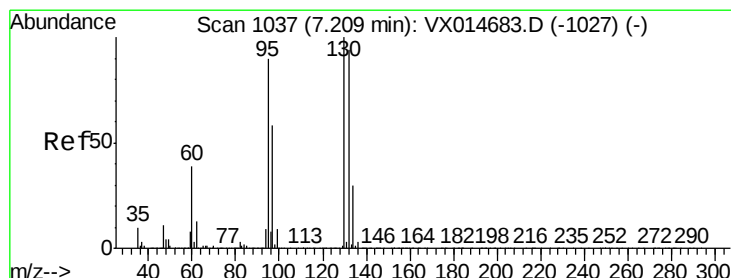
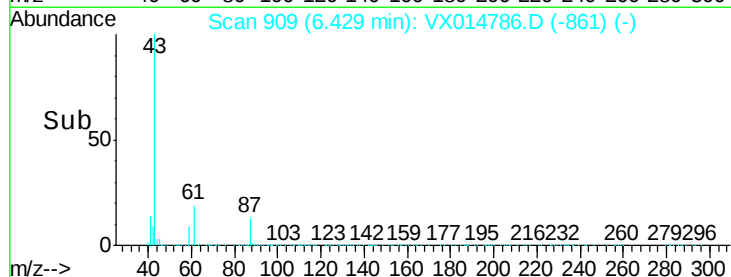
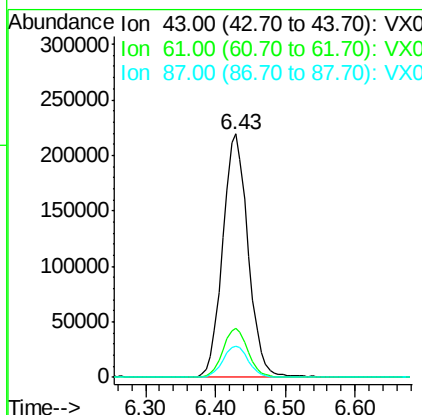
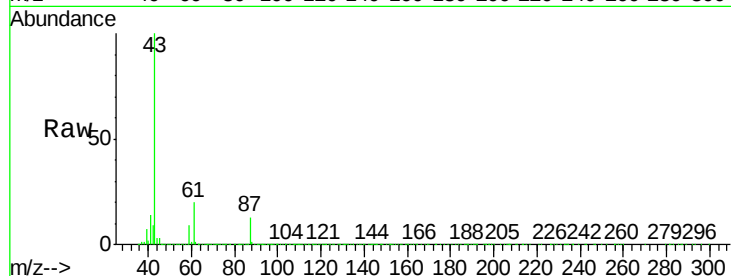
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	549739
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.0	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#44

Trichloroethene

Concen: 49.683 ug/l

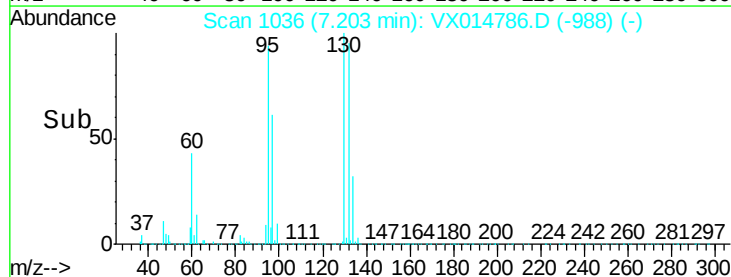
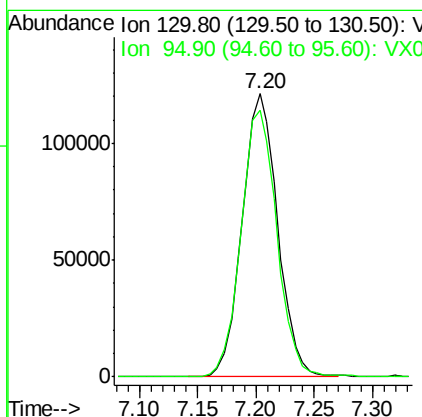
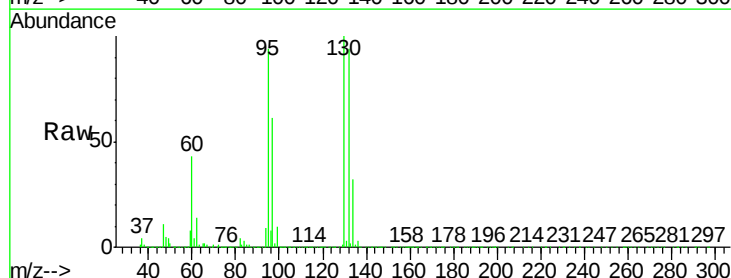
RT: 7.20 min Scan# 1036

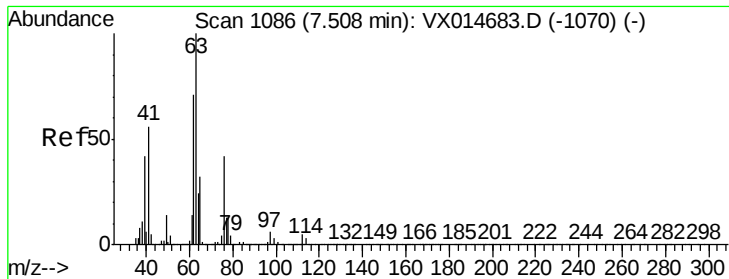
Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	130	Resp:	256594
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	179.8





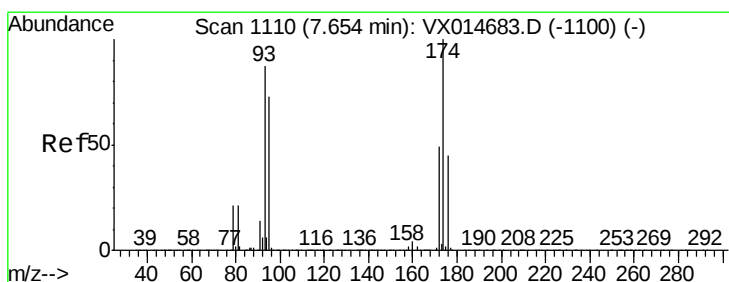
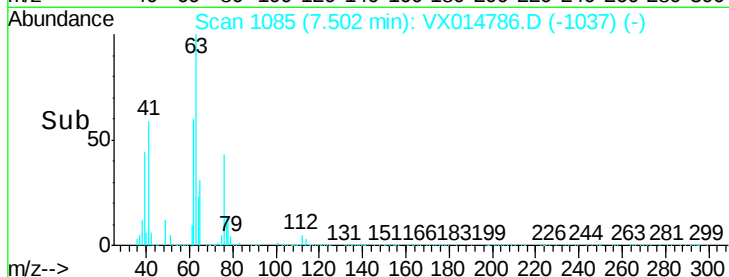
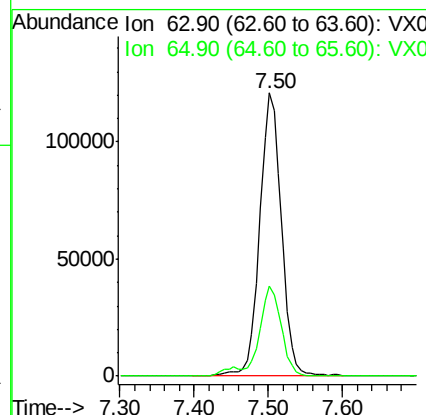
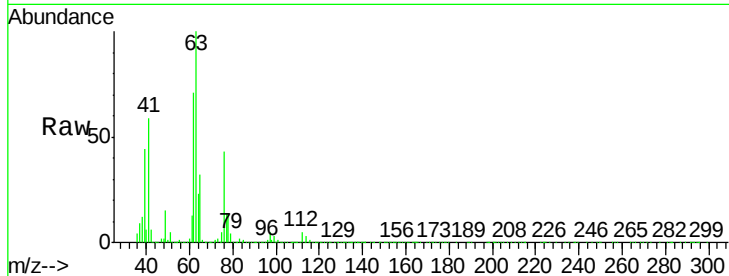
#45
 1,2-Dichloropropane
 Concen: 52.460 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.2	37.8

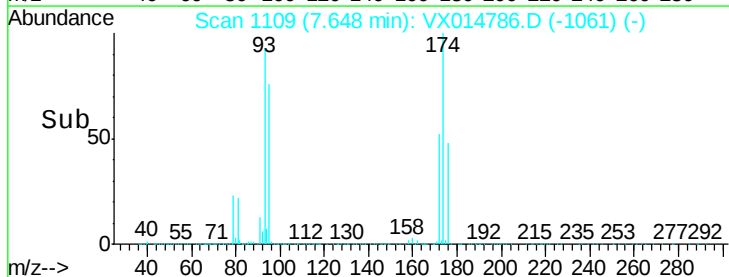
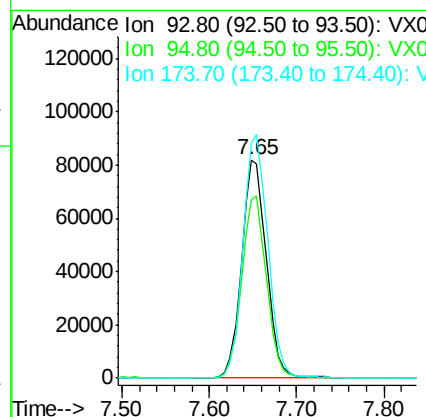
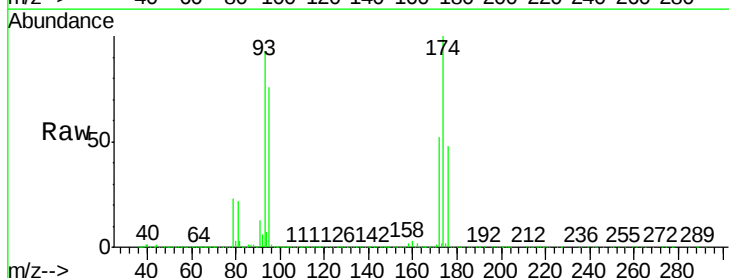
Manual Integrations
 APPROVED

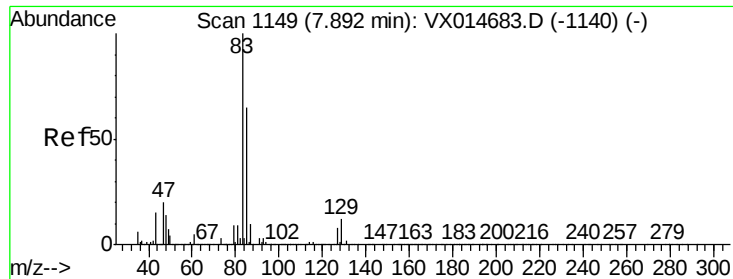
MMDadoda
 2/4/2020 3:31:57 PM



#46
 Dibromomethane
 Concen: 52.894 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.0	100.4
174	111.5	90.2	135.2





#47

Bromodichloromethane

Concen: 54.366 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

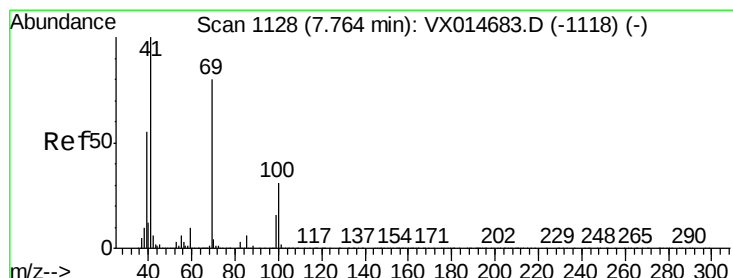
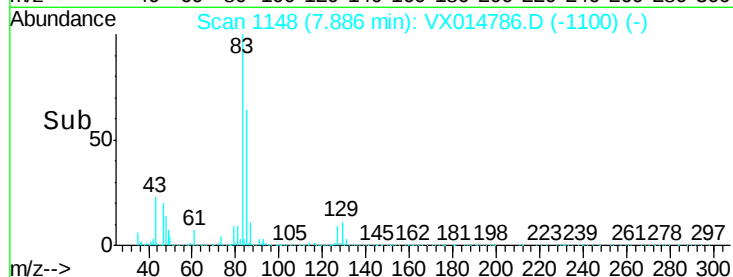
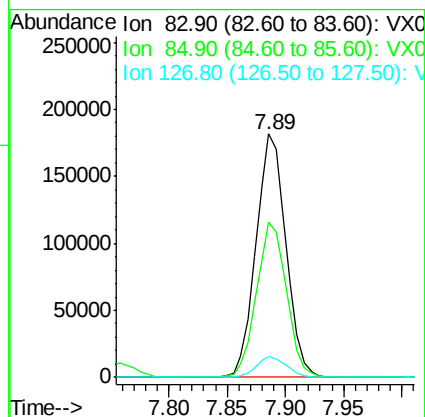
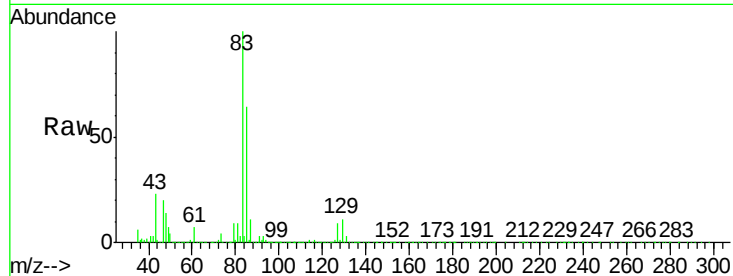
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	325301
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.2	78.2
127	8.7	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#48

Methyl methacrylate

Concen: 51.922 ug/l

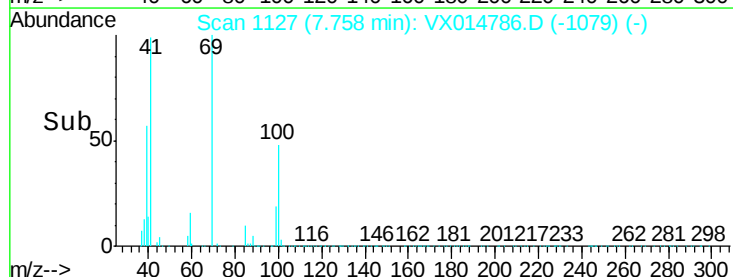
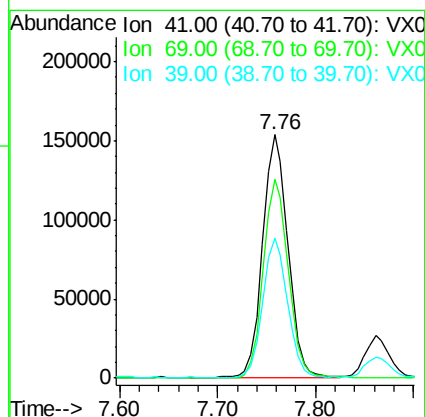
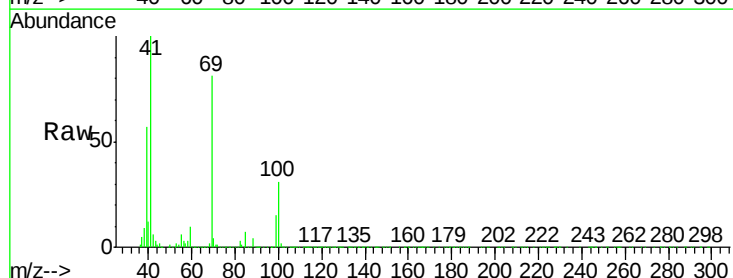
RT: 7.76 min Scan# 1127

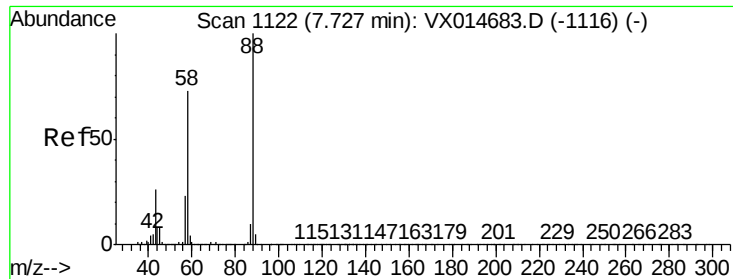
Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	41	Resp:	275338
Ion Ratio	Lower	Upper	
41	100		
69	81.2	63.5	95.3
39	56.1	43.7	65.5





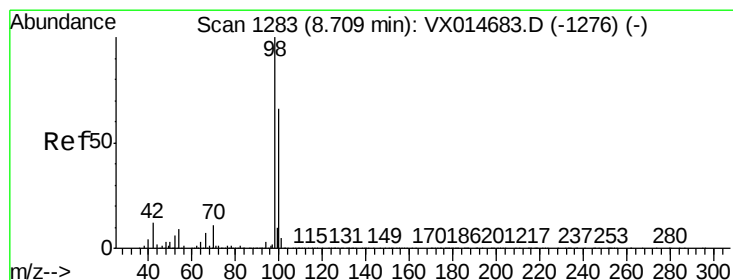
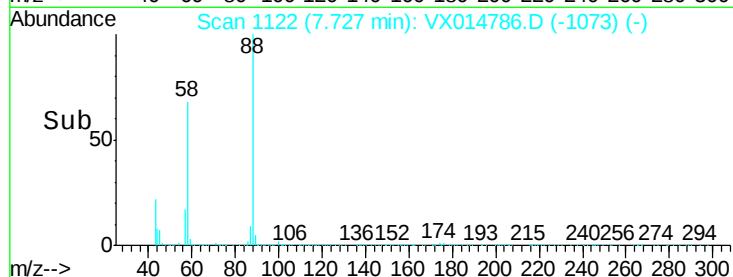
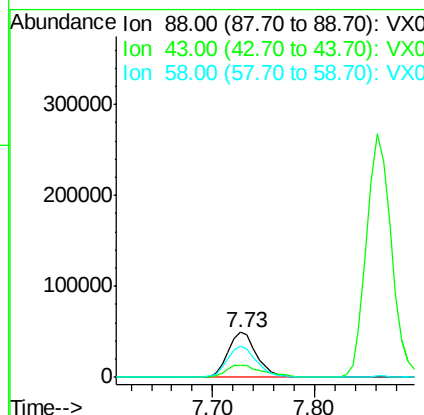
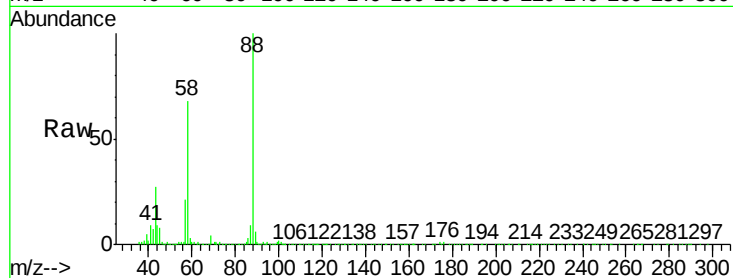
#49
1,4-Dioxane
Concen: 844.309 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	26.2	39.2
58	70.8	56.6	85.0

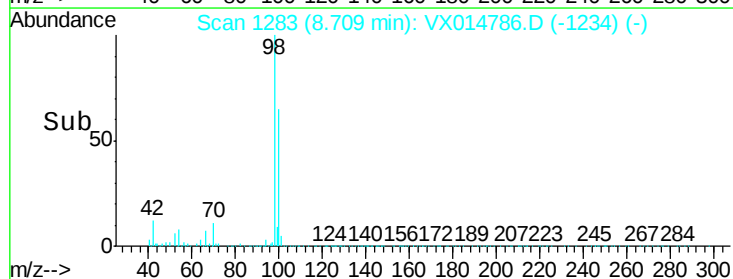
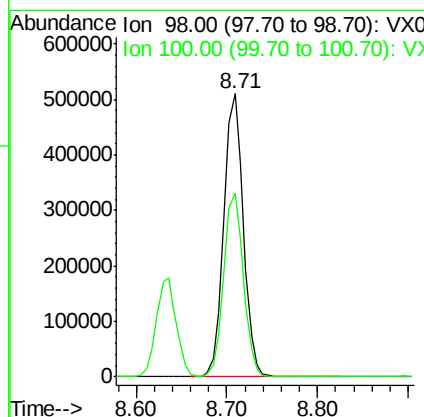
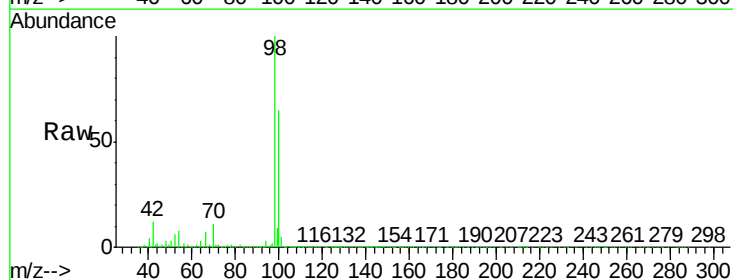
Manual Integrations
APPROVED

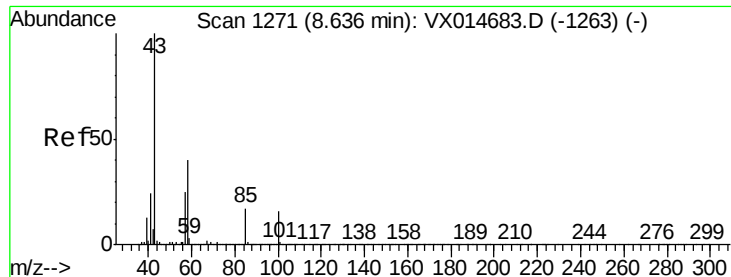
MMDadoda
2/4/2020 3:31:57 PM



#50
Toluene-d8
Concen: 49.425 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 245.629 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1720621

Ion Ratio Lower Upper

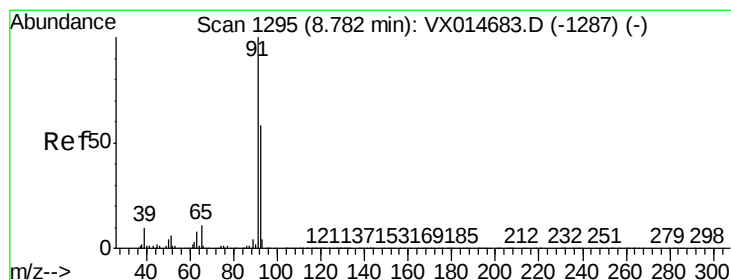
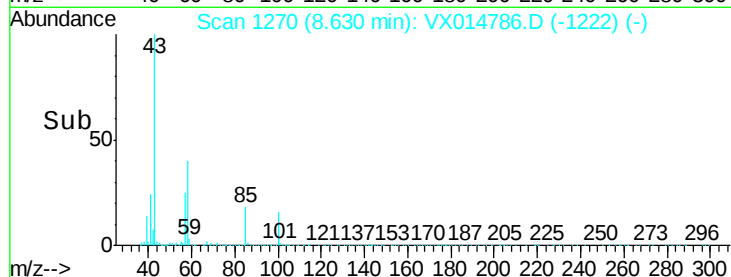
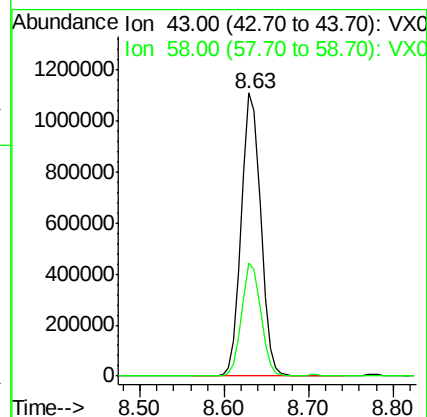
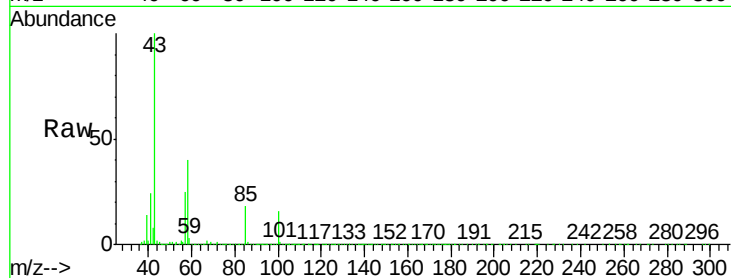
43 100

58 39.3 31.6 47.4

Manual Integrations
APPROVED

MMDadoda

2/4/2020 3:31:57 PM



#52

Toluene

Concen: 52.210 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014786.D

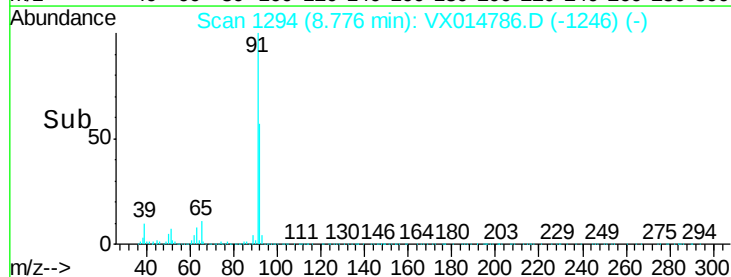
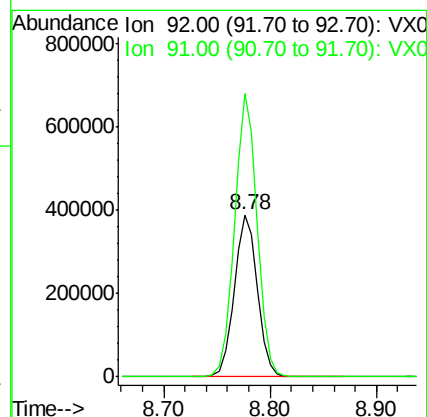
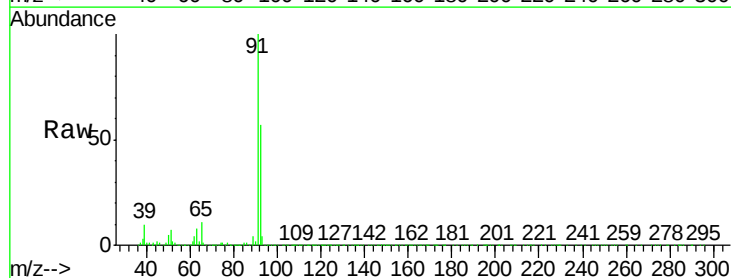
Acq: 03 Feb 2020 09:57

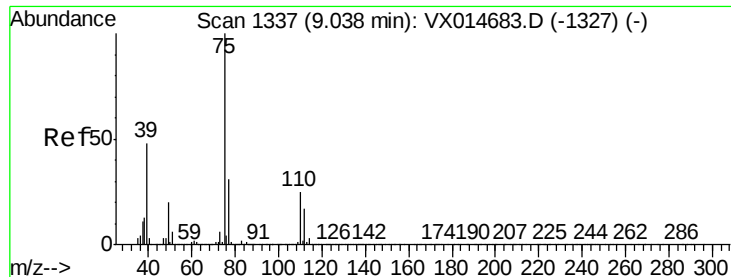
Tgt Ion: 92 Resp: 586809

Ion Ratio Lower Upper

92 100

91 171.1 135.9 203.9





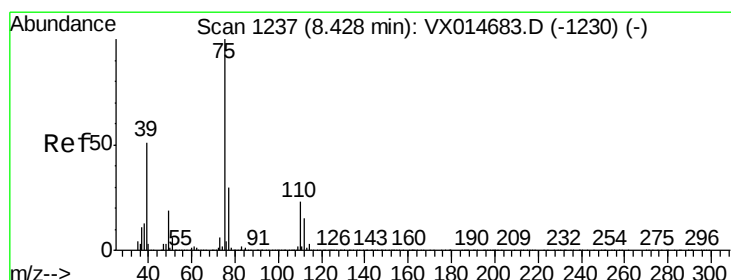
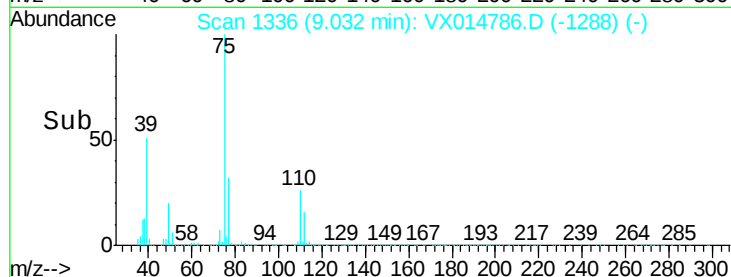
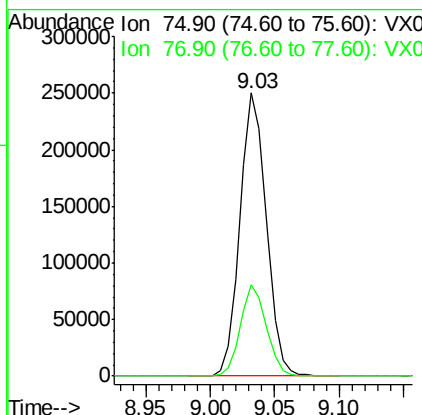
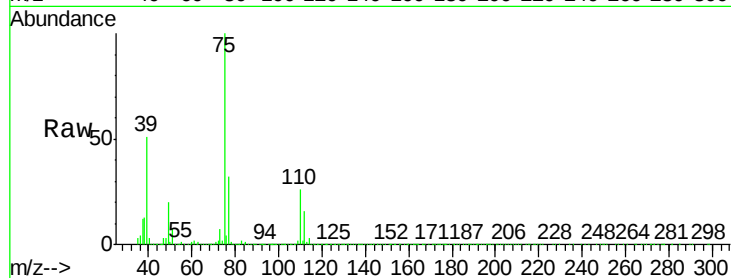
#53
t-1,3-Dichloropropene
Concen: 55.026 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.9	37.3

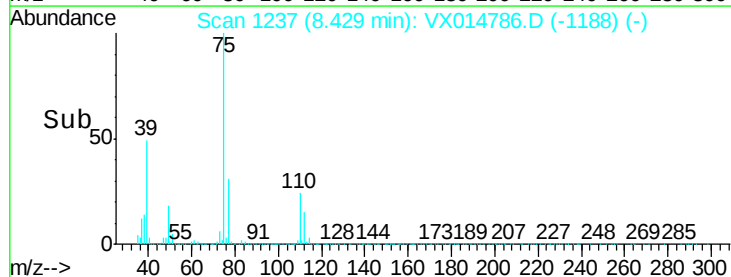
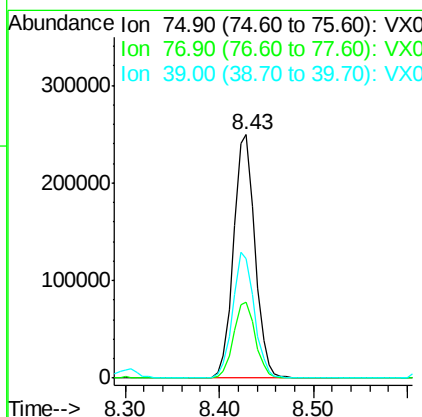
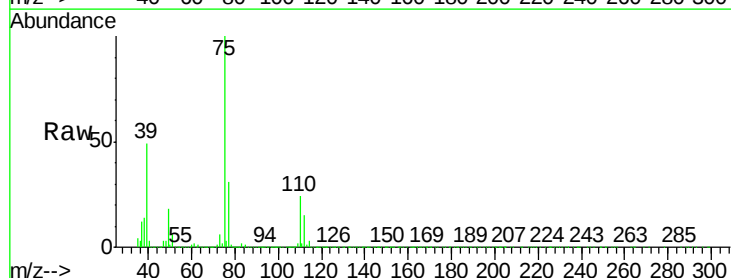
Manual Integrations
APPROVED

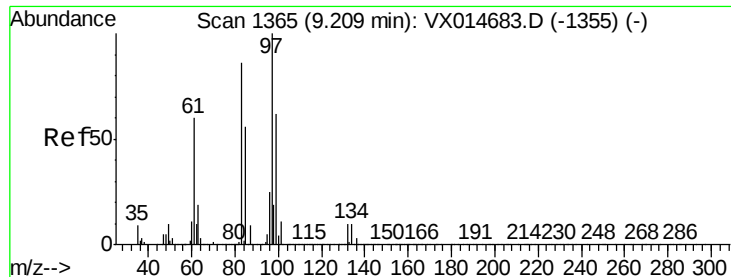
MMDadoda
2/4/2020 3:31:57 PM



#54
cis-1,3-Dichloropropene
Concen: 55.573 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.9	35.9
39	49.1	40.9	61.3





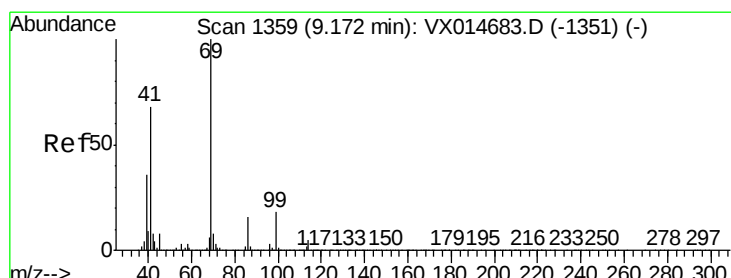
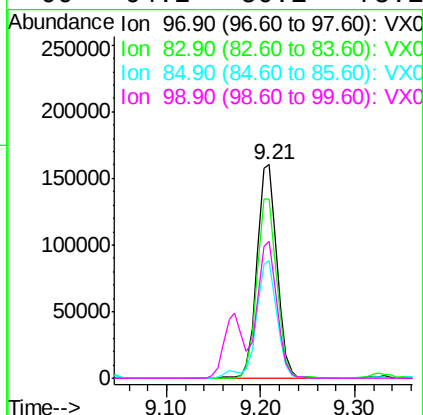
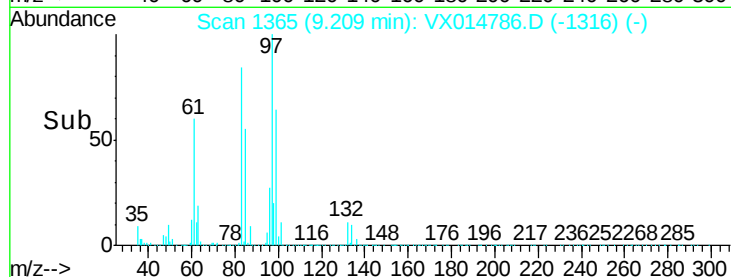
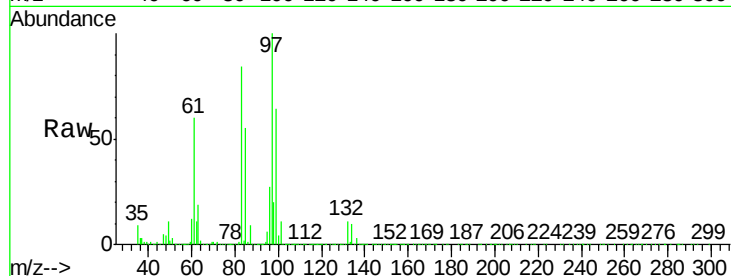
#55
 1,1,2-Trichloroethane
 Concen: 52.397 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.2	103.8
85	55.1	44.6	67.0
99	64.2	50.1	75.1

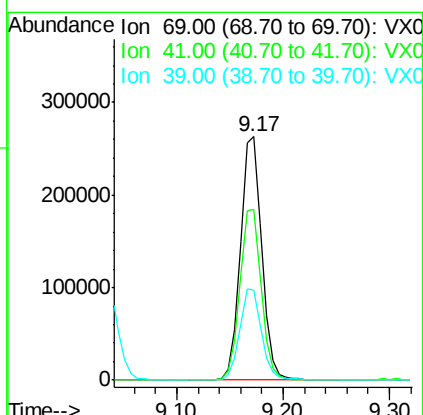
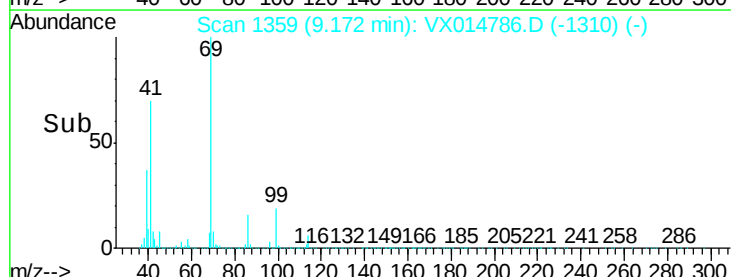
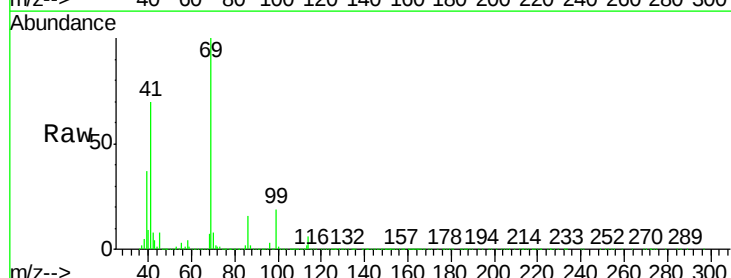
Manual Integrations
 APPROVED

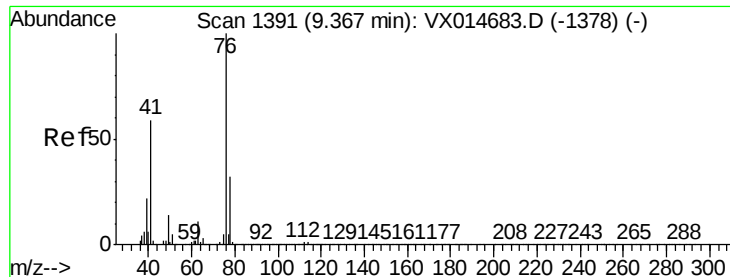
MMDadoda
 2/4/2020 3:31:57 PM



#56
 Ethyl methacrylate
 Concen: 47.513 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	54.9	82.3
39	38.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.799 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 407467

Ion Ratio Lower Upper

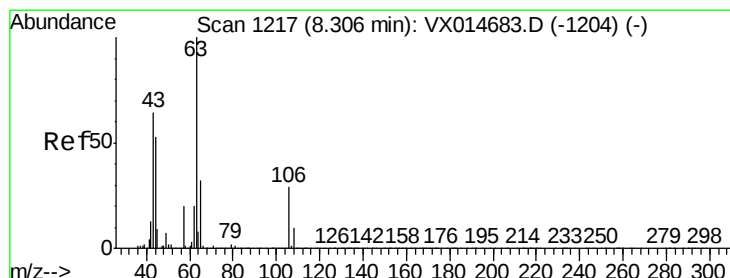
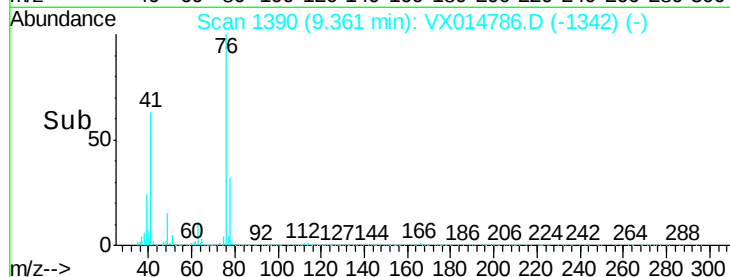
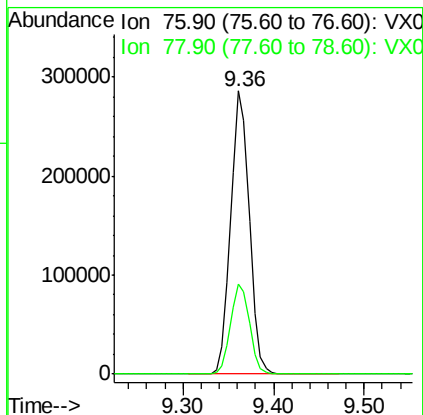
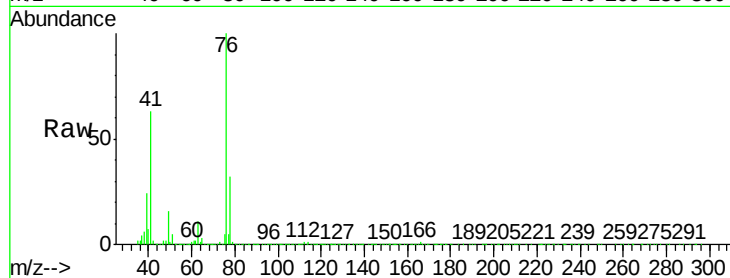
76 100

78 32.4 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

2/4/2020 3:31:57 PM



#58

2-Chloroethyl Vinyl ether

Concen: 274.258 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014786.D

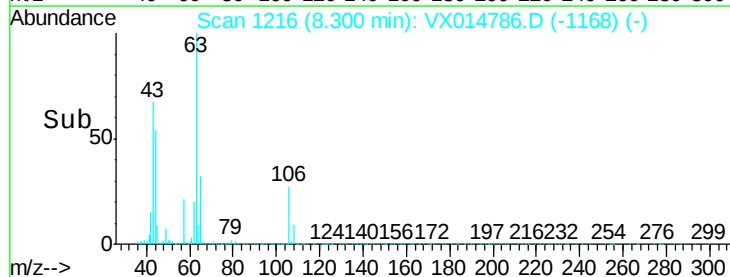
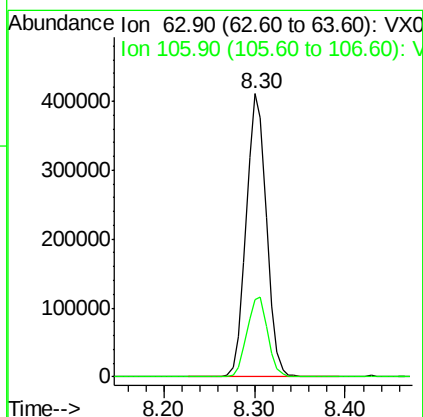
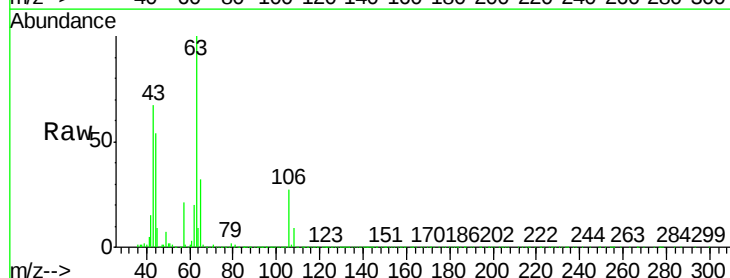
Acq: 03 Feb 2020 09:57

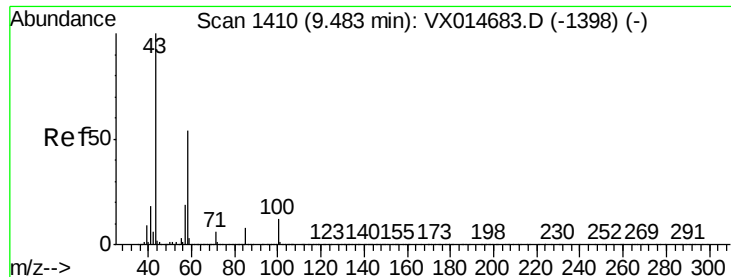
Tgt Ion: 63 Resp: 634691

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1





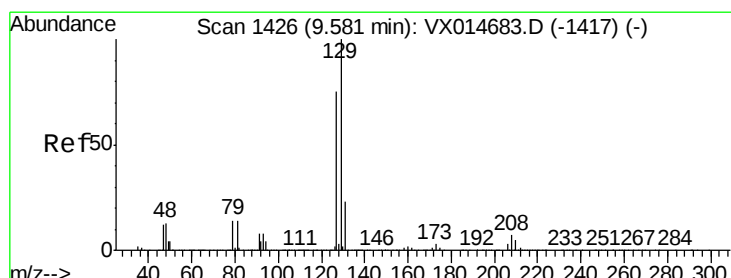
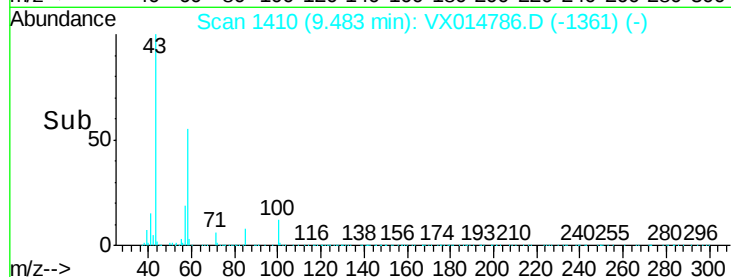
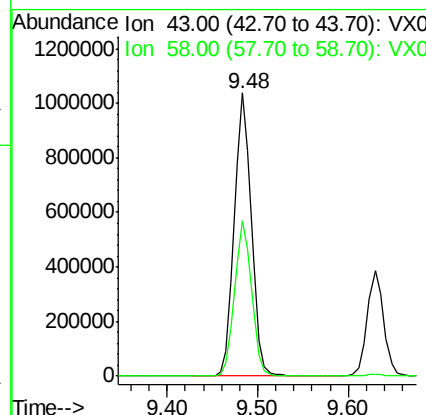
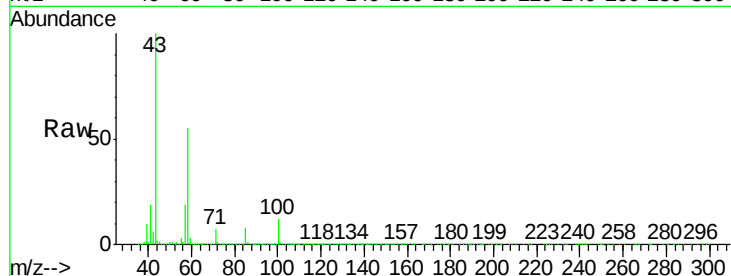
#59
2-Hexanone
Concen: 250.082 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1359378
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

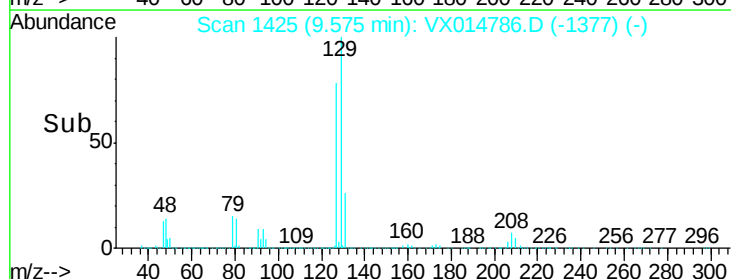
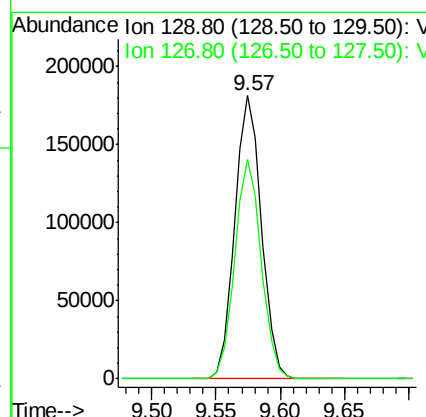
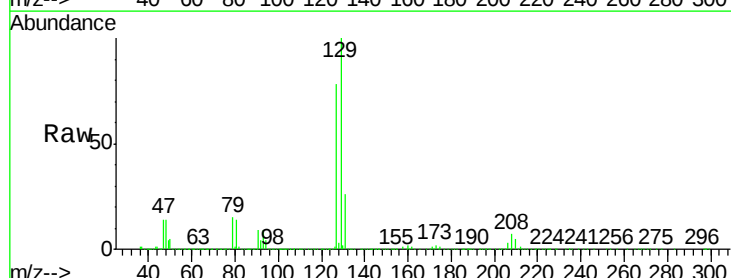
Manual Integrations
APPROVED

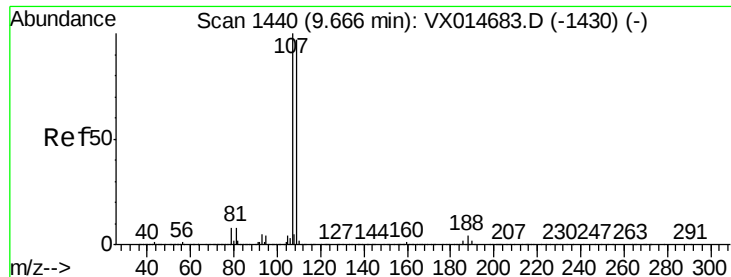
MMDadoda
2/4/2020 3:31:57 PM



#60
Dibromochloromethane
Concen: 54.661 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 129 Resp: 262547
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.934 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 252674

Ion Ratio Lower Upper

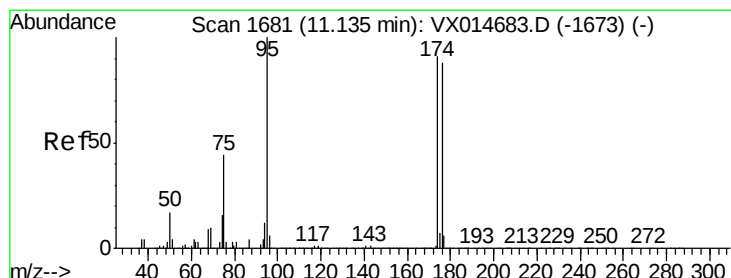
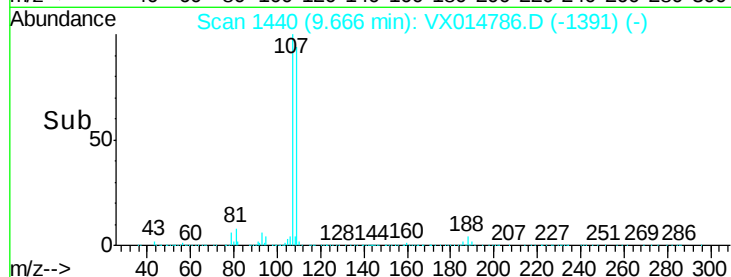
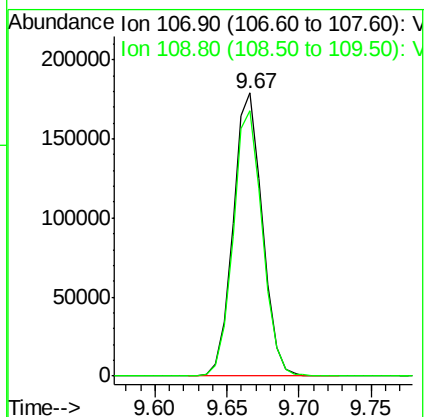
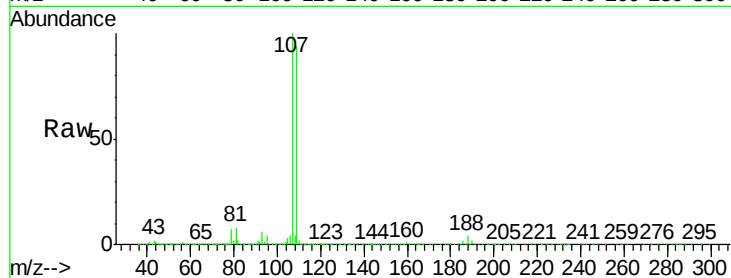
107 100

109 93.8 76.2 114.2

Manual Integrations
APPROVED

MMDadoda

2/4/2020 3:31:57 PM



#62

4-Bromofluorobenzene

Concen: 49.296 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

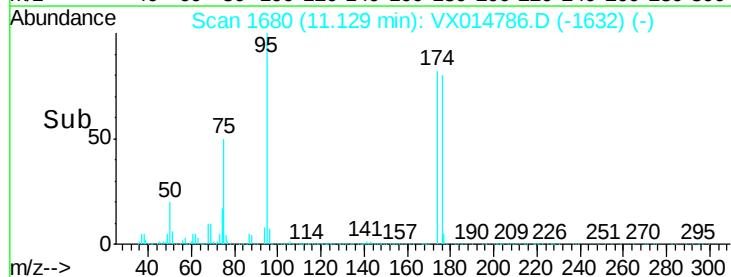
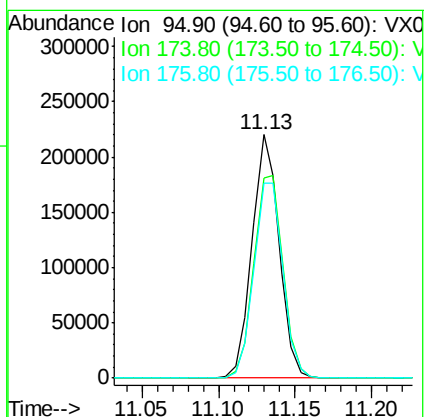
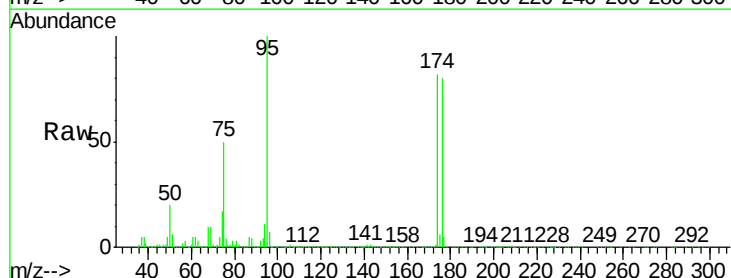
Tgt Ion: 95 Resp: 271286

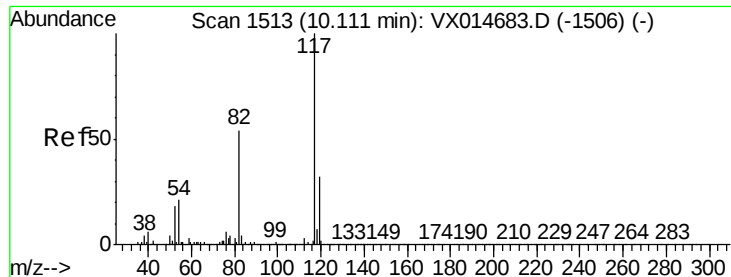
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

176 86.4 0.0 172.2





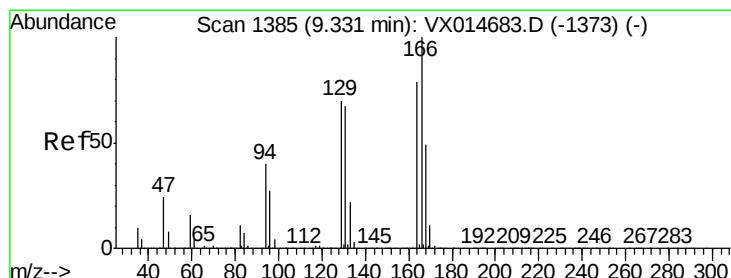
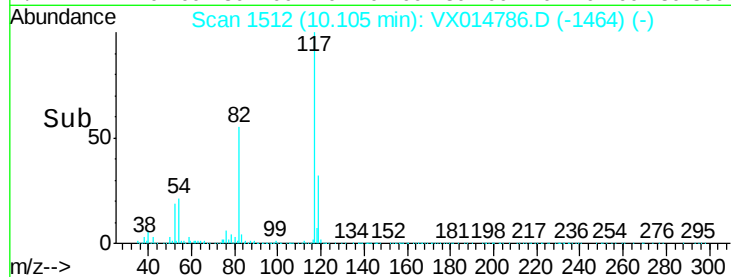
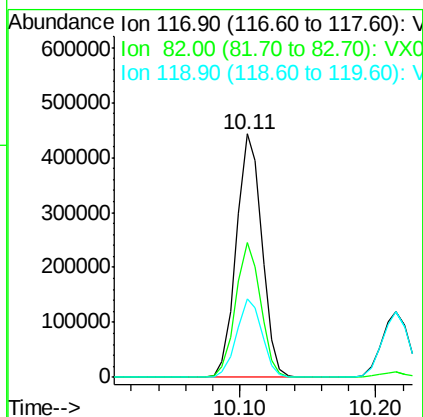
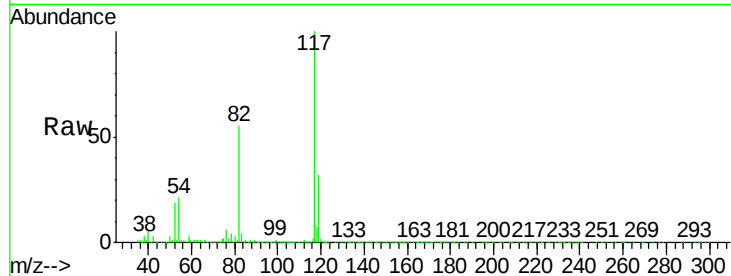
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	579339		
82	55.1	43.2	64.8	
119	32.4	25.8	38.6	

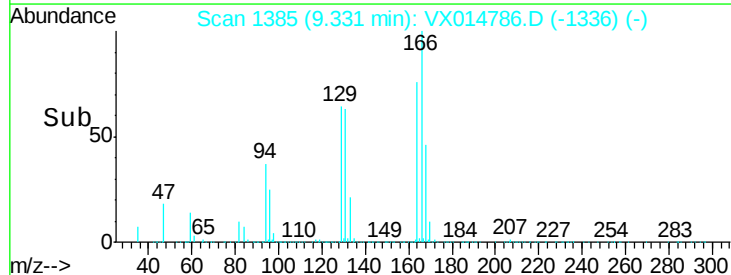
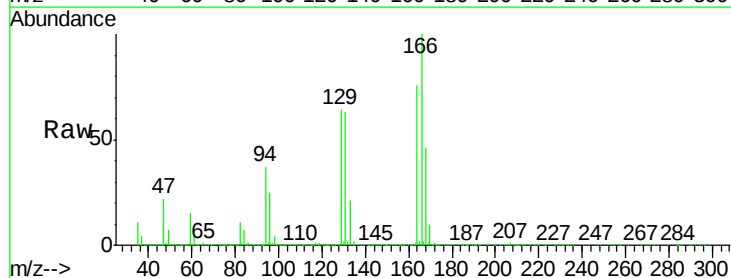
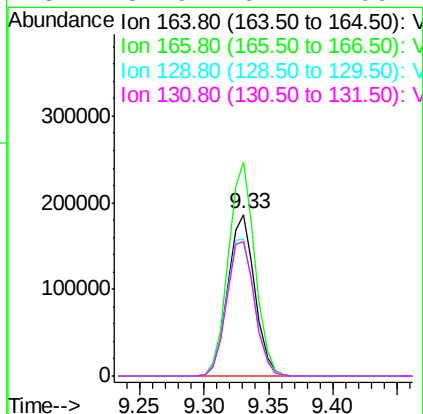
Manual Integrations
APPROVED

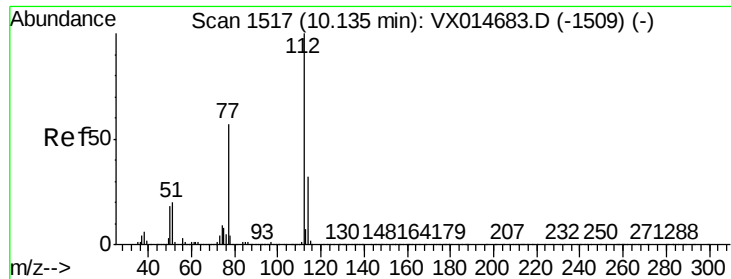
MMDadoda
2/4/2020 3:31:57 PM



#64
Tetrachloroethene
Concen: 47.449 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272109		
166	132.0	100.9	151.3	
129	84.8	71.0	106.6	
131	82.9	67.1	100.7	





#65

Chlorobenzene

Concen: 51.340 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 636192

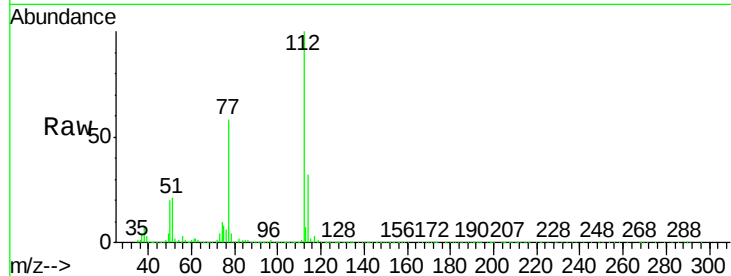
Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8

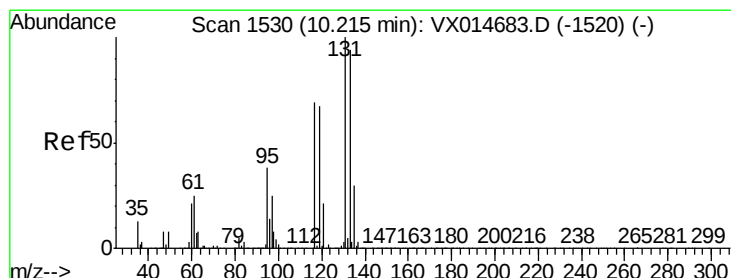
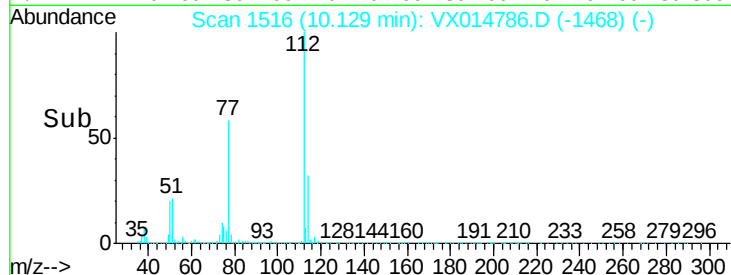
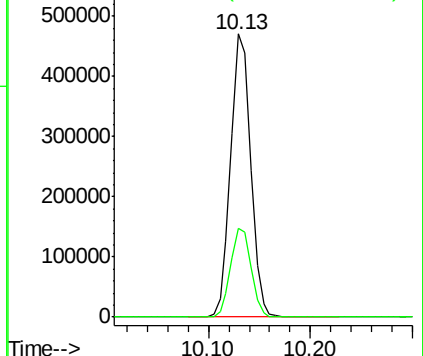
Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.853 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

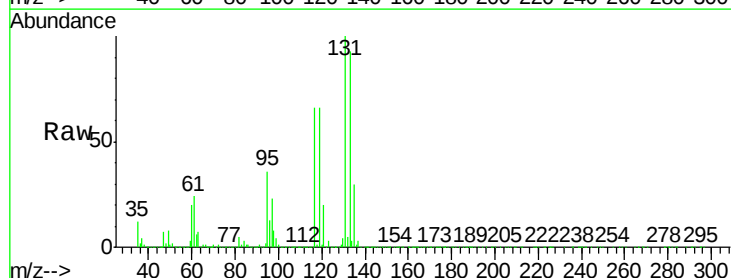
Tgt Ion:131 Resp: 241479

Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.3

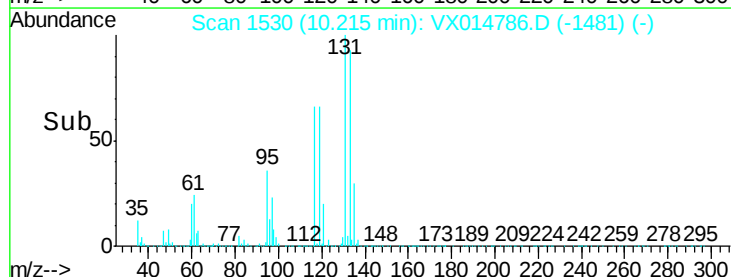
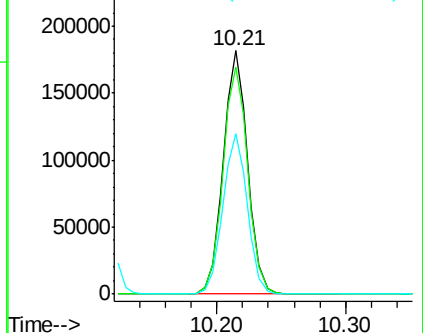
119 66.1 33.3 99.8

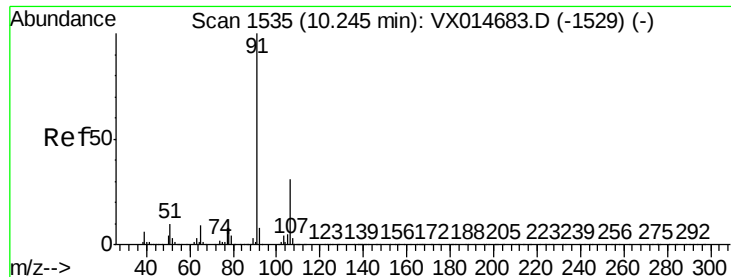


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.403 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1129948

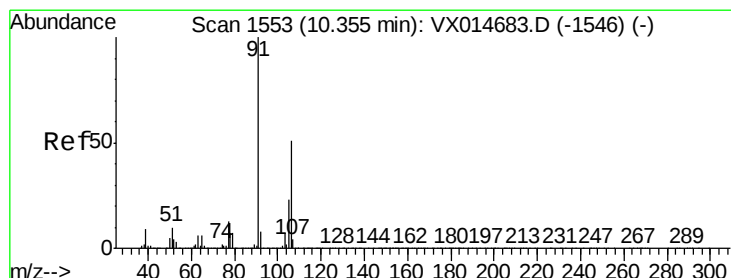
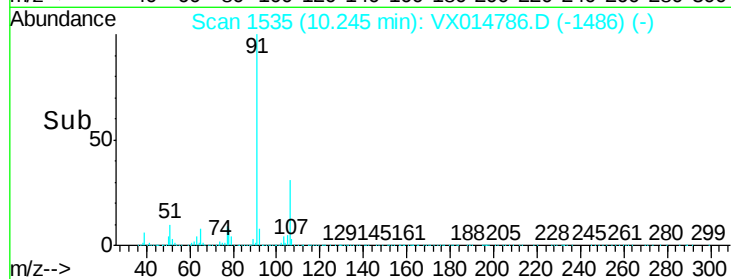
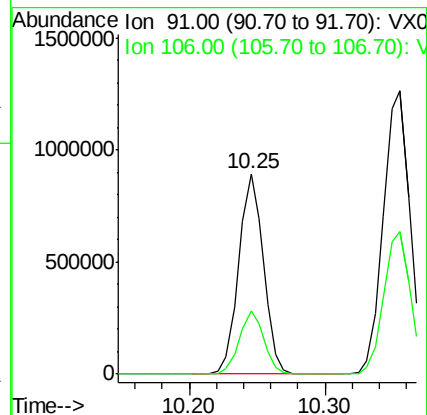
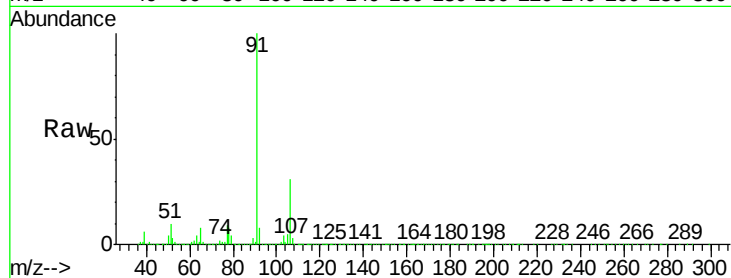
Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#68

m/p-Xylenes

Concen: 107.963 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014786.D

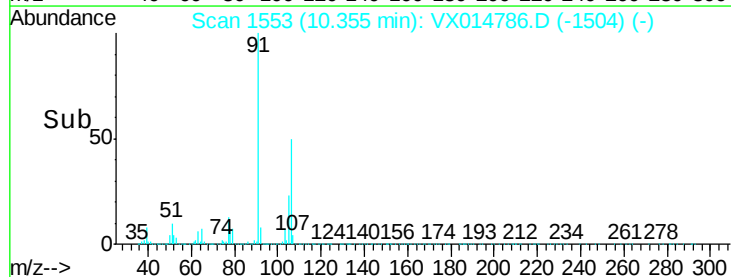
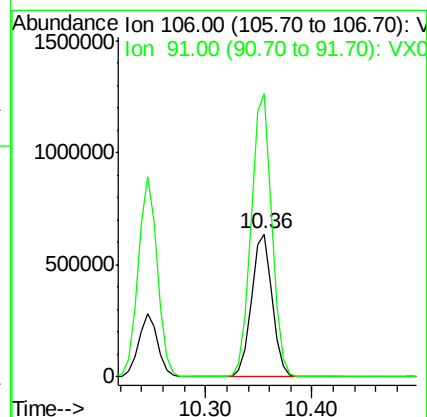
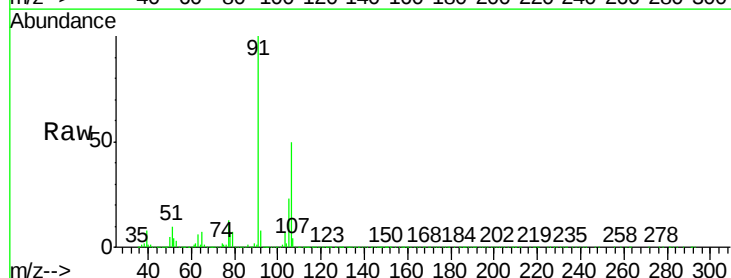
Acq: 03 Feb 2020 09:57

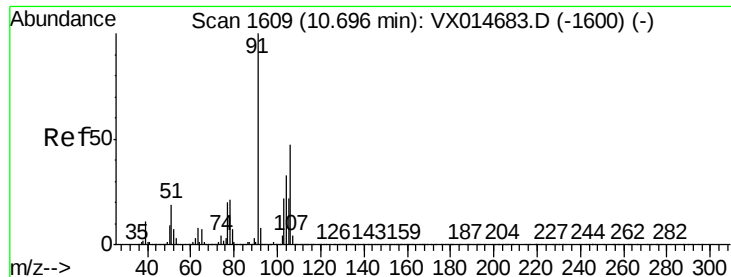
Tgt Ion: 106 Resp: 865424

Ion Ratio Lower Upper

106 100

91 199.0 159.4 239.2





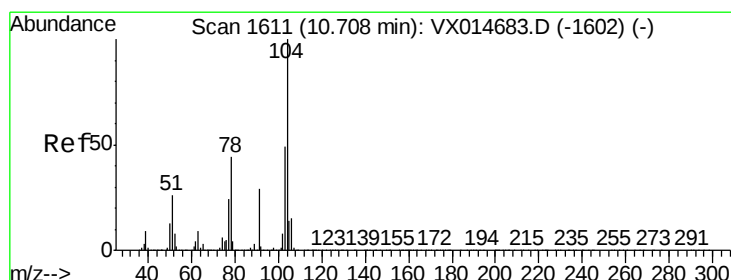
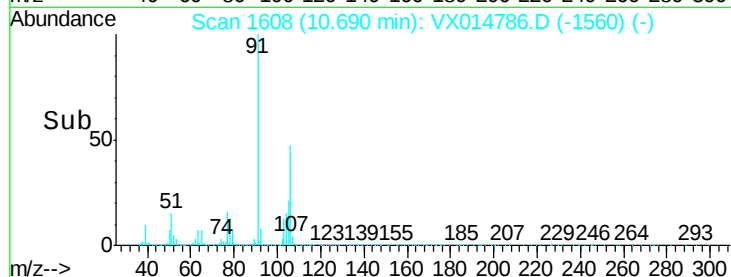
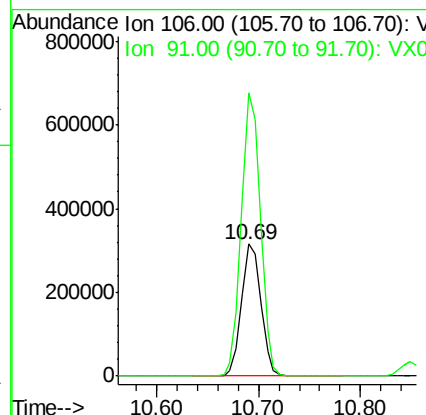
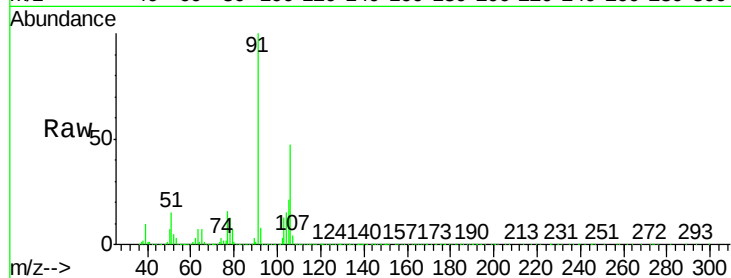
#69
o-Xylene
Concen: 53.197 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	106.2	318.6

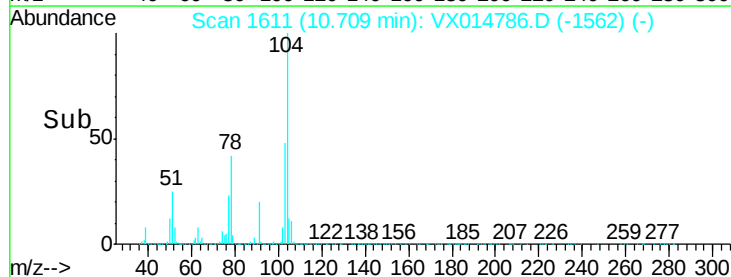
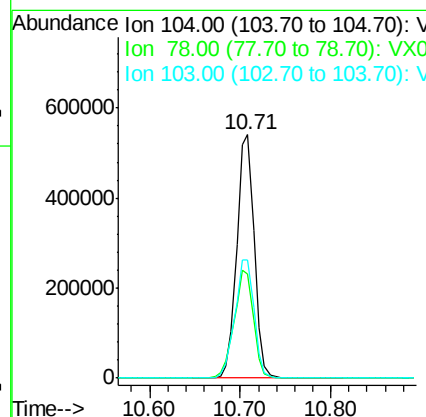
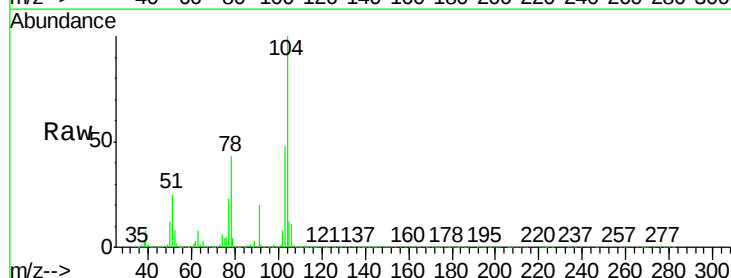
Manual Integrations
APPROVED

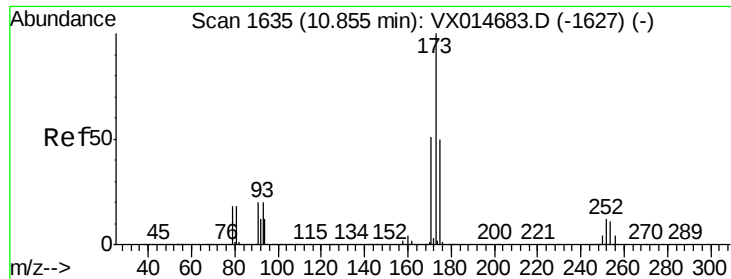
MMDadoda
2/4/2020 3:31:57 PM



#70
Styrene
Concen: 55.635 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.3	58.9
103	53.5	43.5	65.3





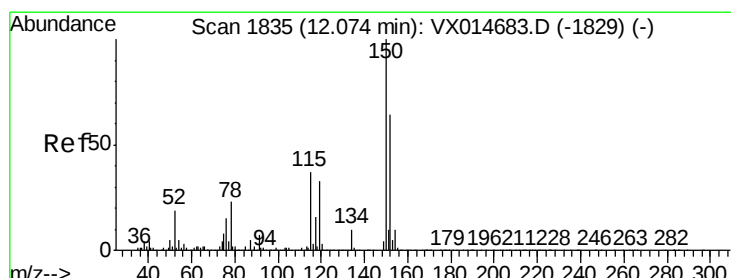
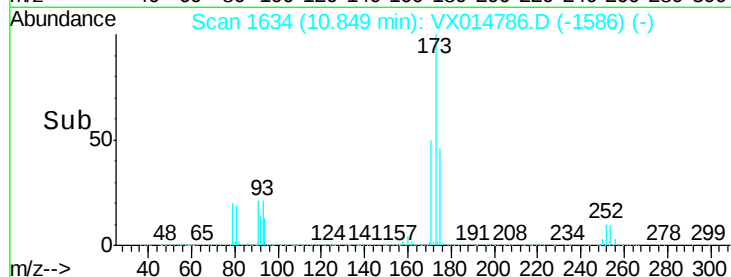
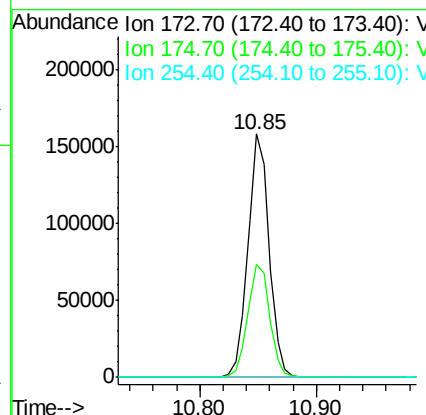
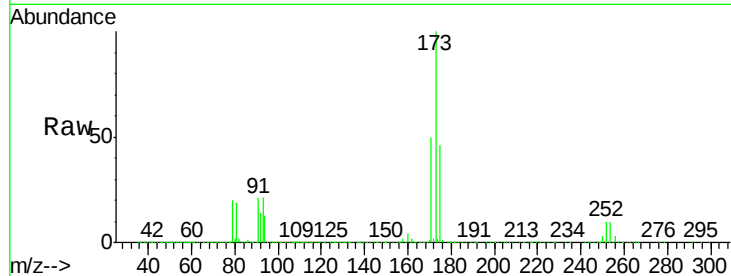
#71
Bromoform
Concen: 55.632 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.3	0.1	0.1#

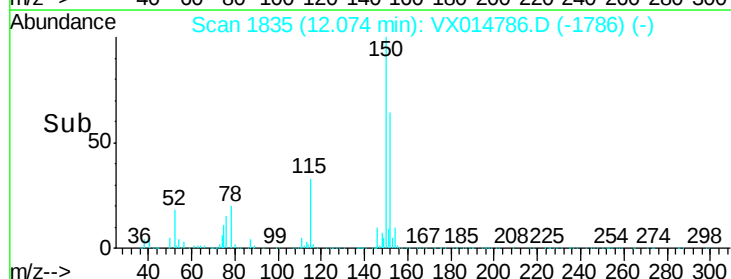
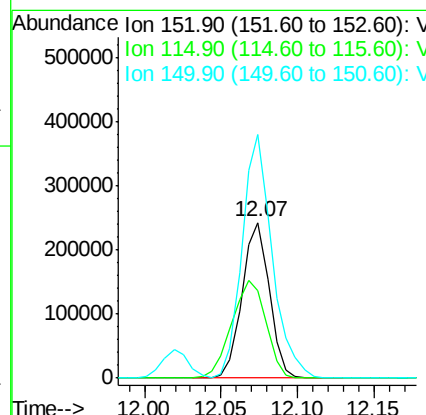
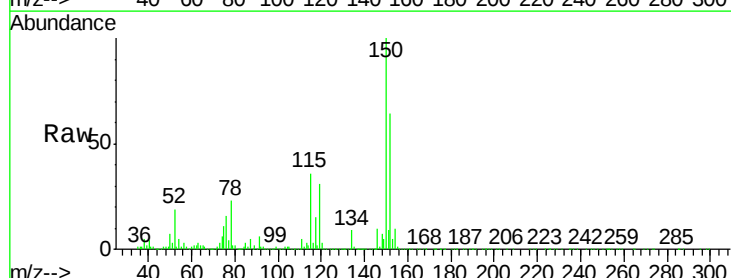
Manual Integrations
APPROVED

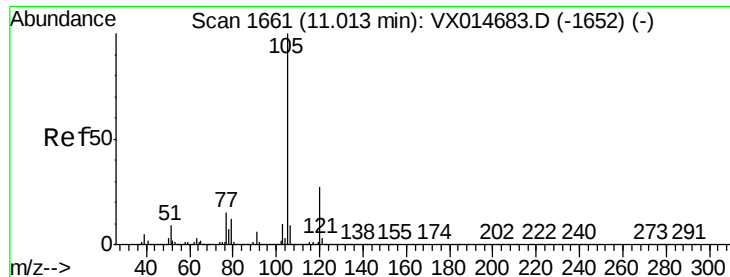
MMDadoda
2/4/2020 3:31:57 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.1	39.4	118.1
150	173.0	0.0	351.2





#73

Isopropylbenzene

Concen: 53.161 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1112576

Ion Ratio Lower Upper

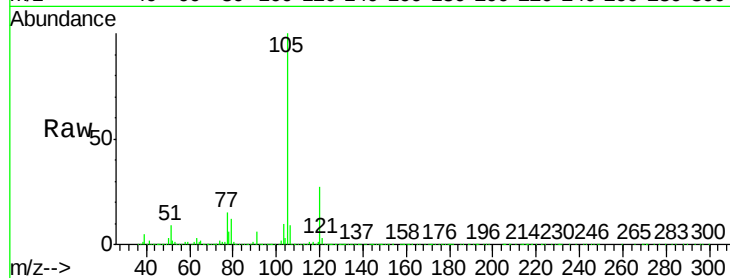
105 100

120 27.1 13.5 40.5

Manual Integrations
APPROVED

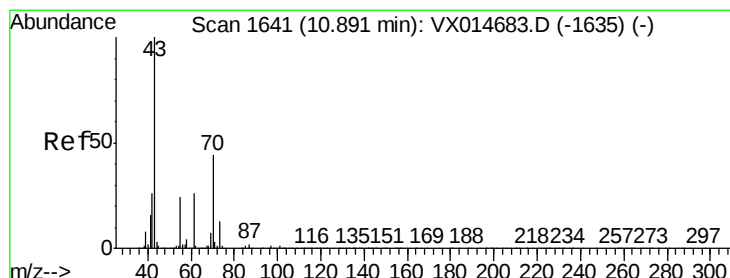
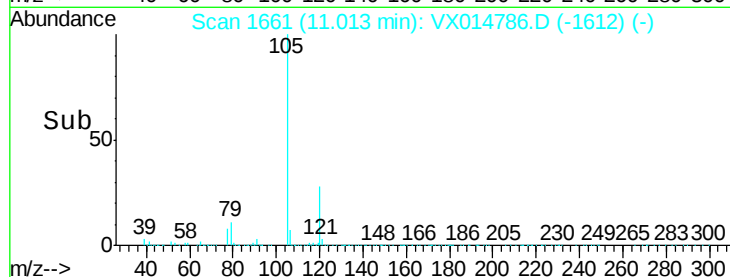
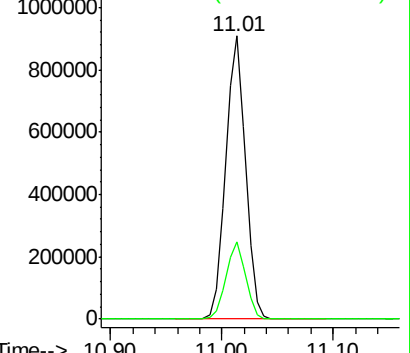
MMDadoda

2/4/2020 3:31:57 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.456 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion: 43 Resp: 471911

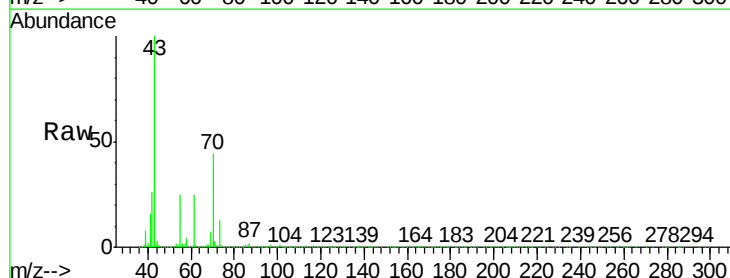
Ion Ratio Lower Upper

43 100

70 43.2 34.6 52.0

55 24.7 19.4 29.2

61 24.4 19.8 29.6

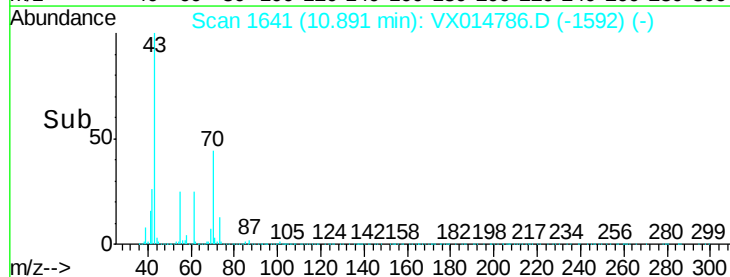
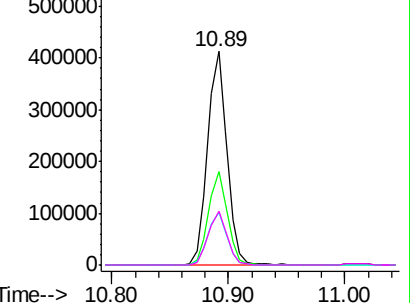


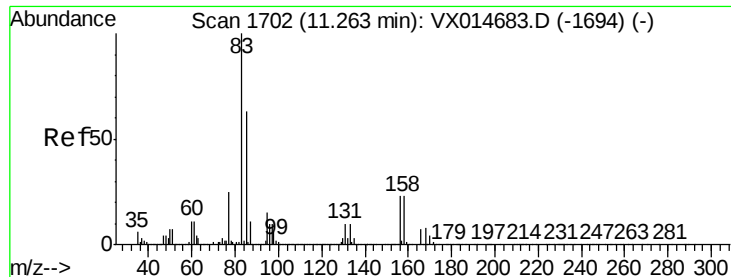
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.977 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

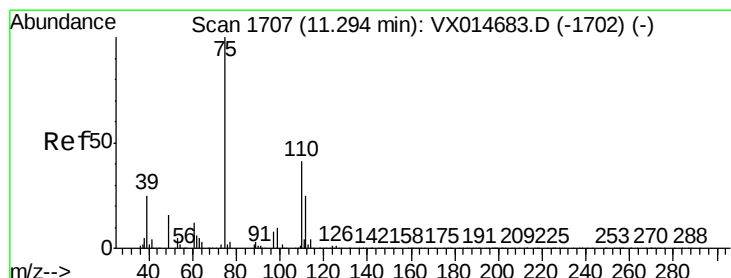
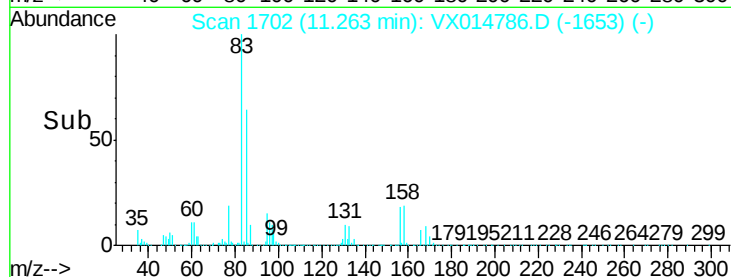
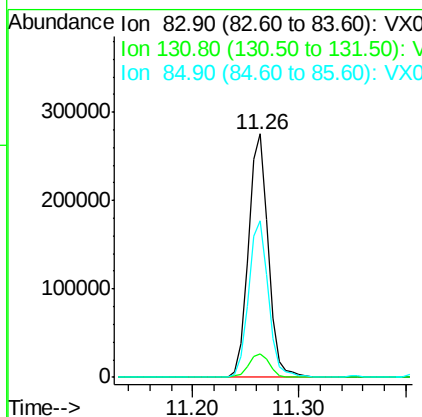
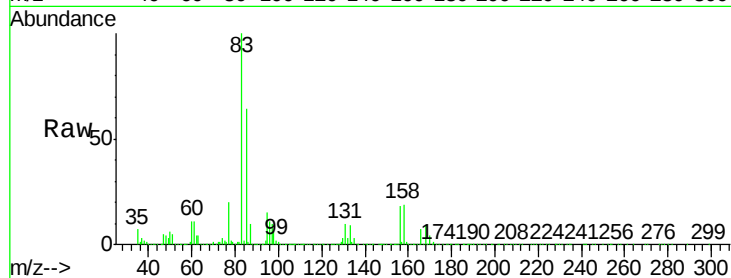
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	358509
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.5	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#76

1,2,3-Trichloropropane

Concen: 44.131 ug/l m

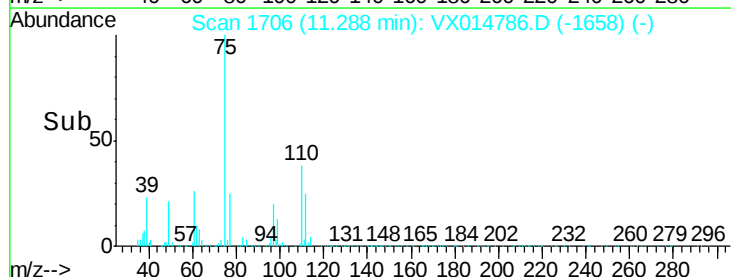
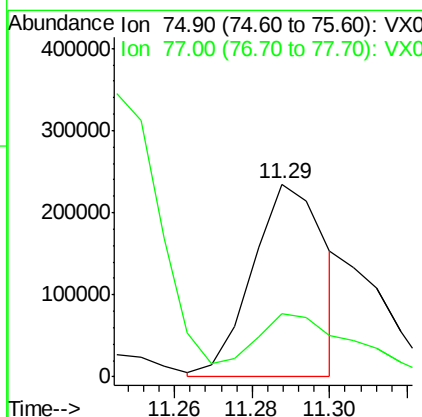
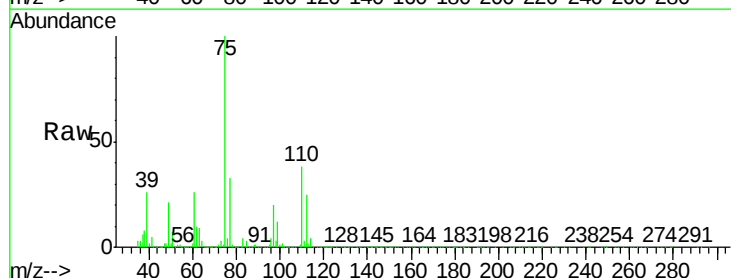
RT: 11.29 min Scan# 1706

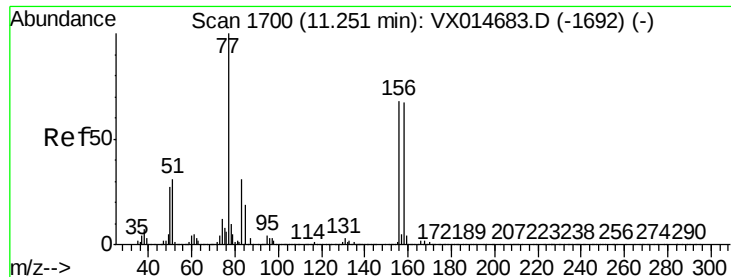
Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	75	Resp:	305604
Ion Ratio	Lower	Upper	
75	100		
77	44.6	18.7	56.1





#77

Bromobenzene

Concen: 51.214 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

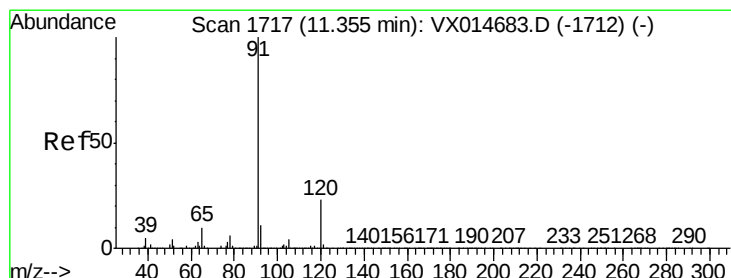
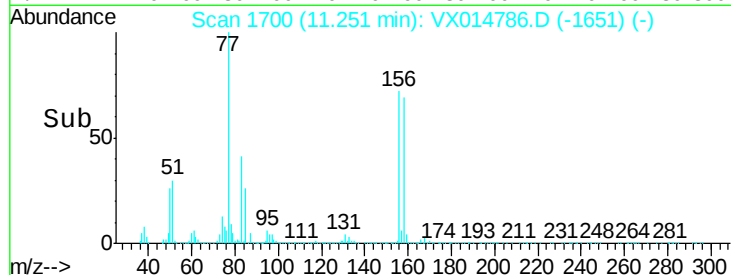
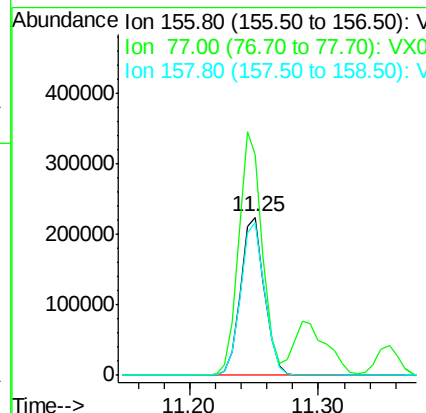
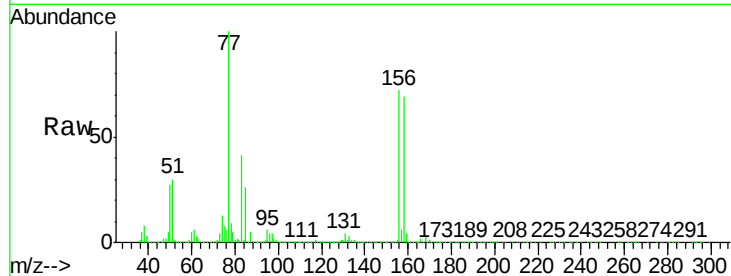
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	287946
Ion Ratio	Lower	Upper	
156	100		
77	152.1	77.5	232.5
158	97.1	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#78

n-propylbenzene

Concen: 54.274 ug/l

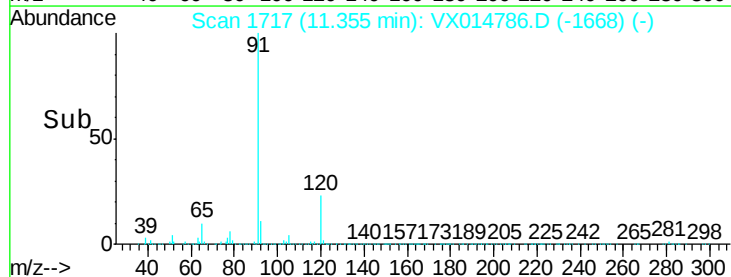
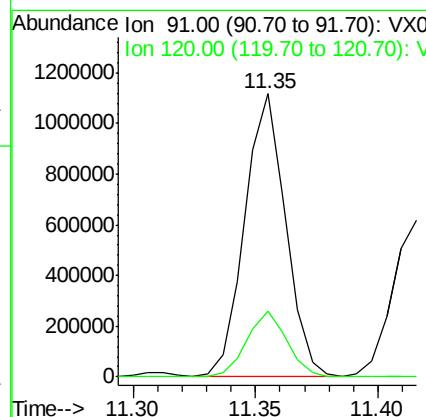
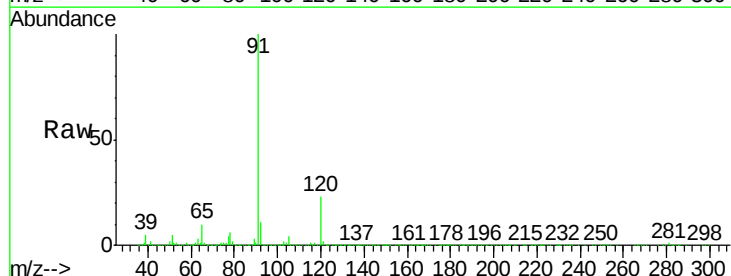
RT: 11.35 min Scan# 1717

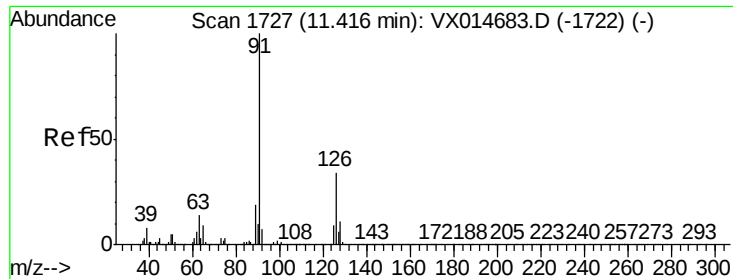
Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:	91	Resp:	1289331
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





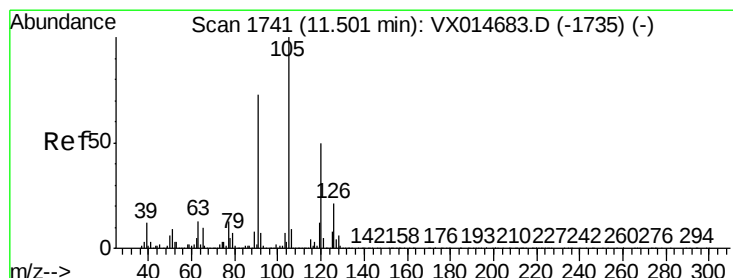
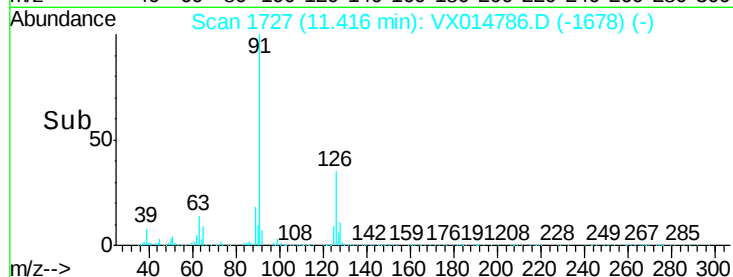
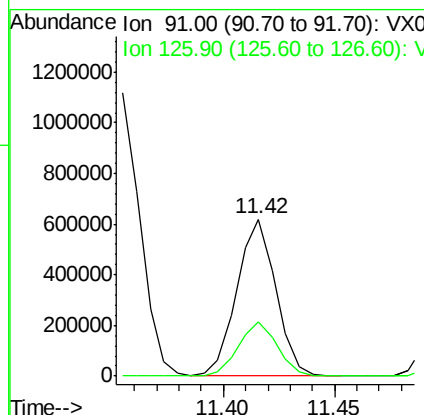
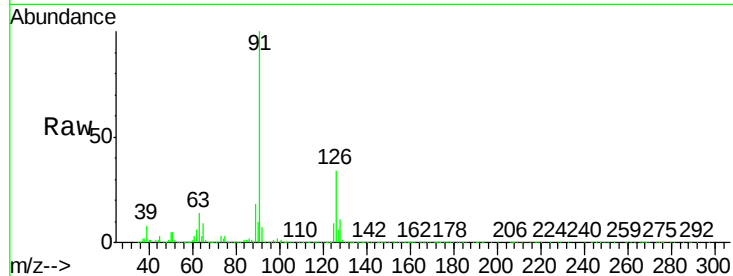
#79
2-Chlorotoluene
Concen: 52.290 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 751607
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

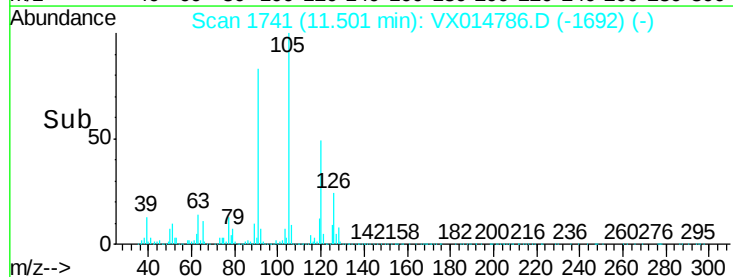
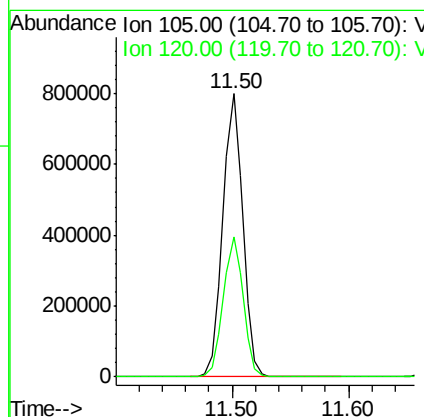
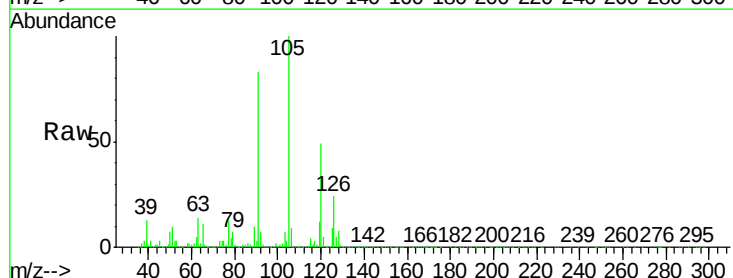
Manual Integrations
APPROVED

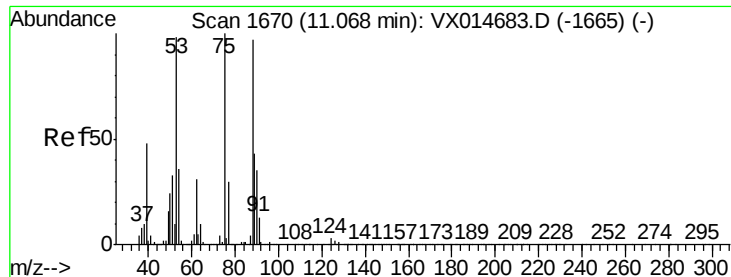
MMDadoda
2/4/2020 3:31:57 PM



#80
1,3,5-Trimethylbenzene
Concen: 54.304 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 105 Resp: 943262
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6





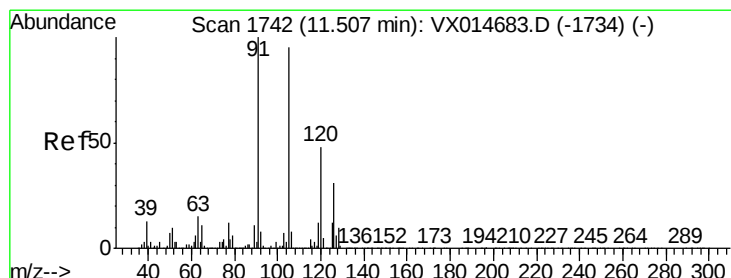
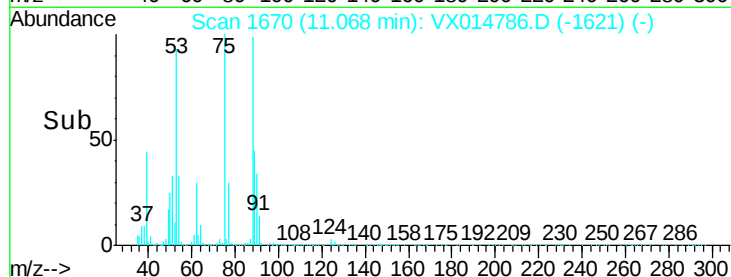
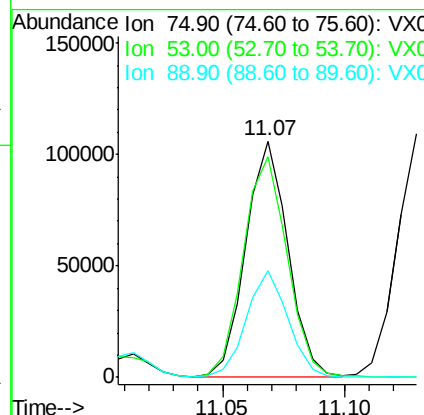
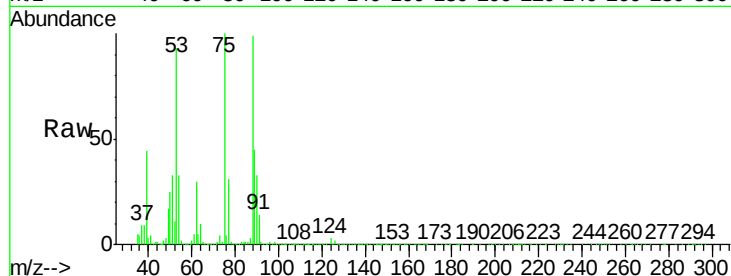
#81
trans-1,4-Dichloro-2-butene
Concen: 51.751 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	78.8	118.2
89	45.2	35.4	53.0

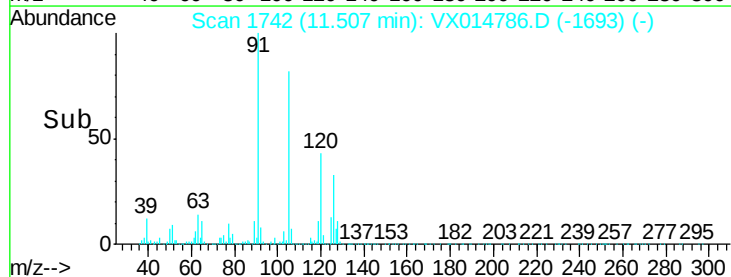
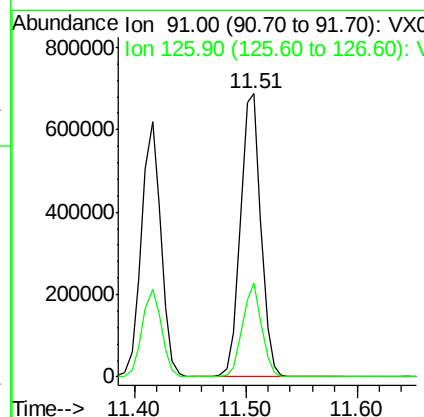
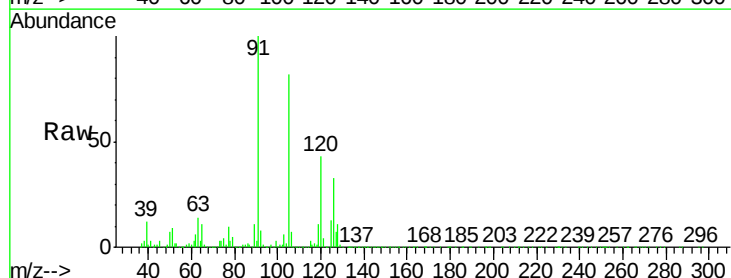
Manual Integrations
APPROVED

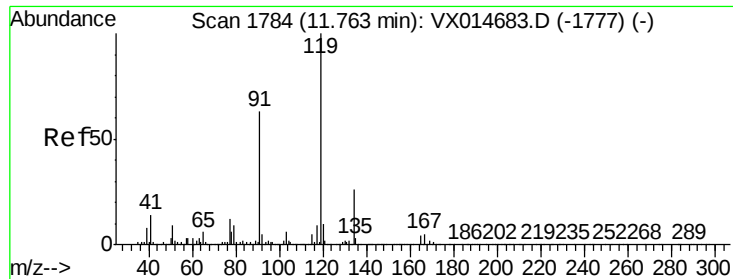
MMDadoda
2/4/2020 3:31:57 PM



#82
4-Chlorotoluene
Concen: 53.099 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





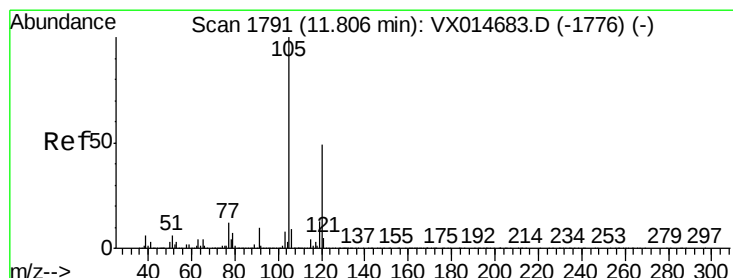
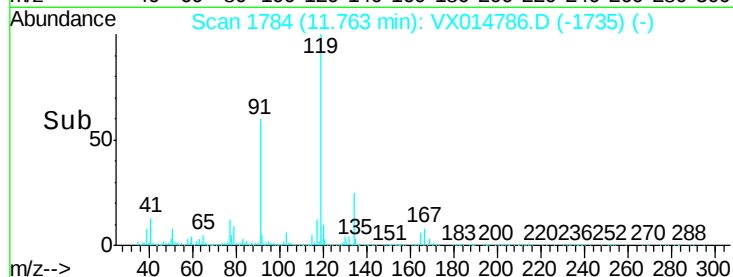
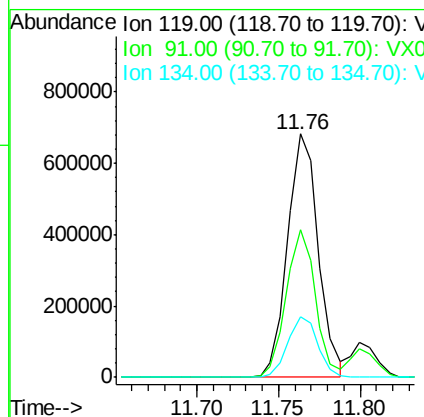
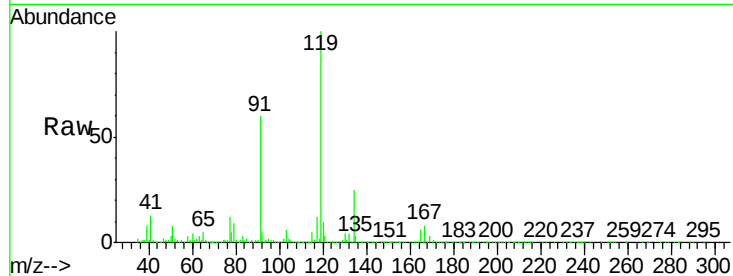
#83
tert-Butylbenzene
Concen: 54.578 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	890829		
91	57.7	30.0	90.0	
134	24.5	12.7	38.0	

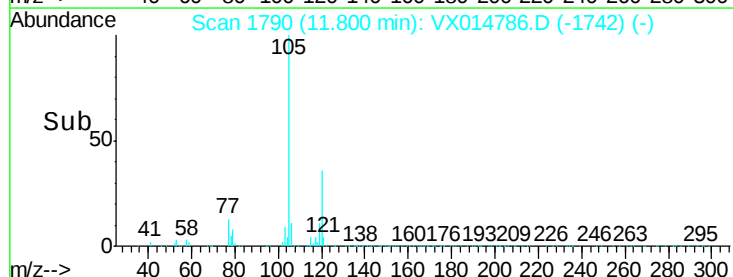
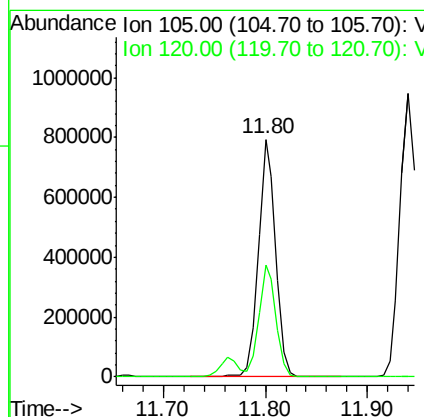
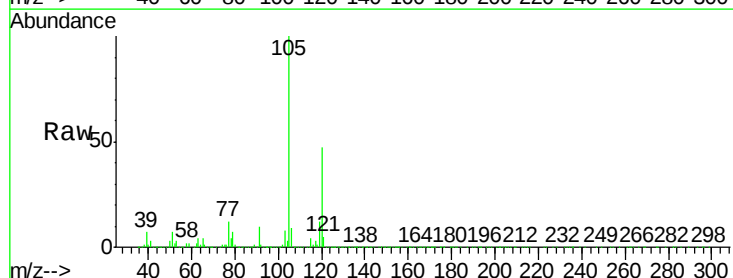
Manual Integrations
APPROVED

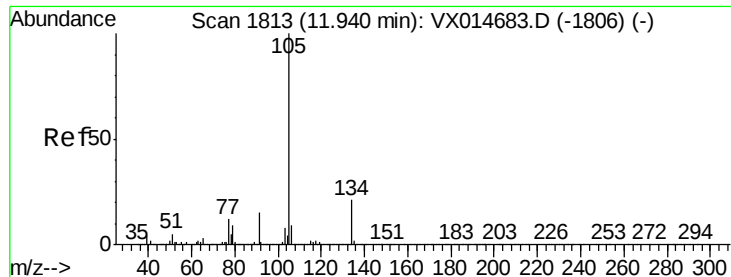
MMDadoda
2/4/2020 3:31:57 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.113 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	942803		
120	46.5	23.4	70.0	





#85

sec-Butylbenzene

Concen: 54.796 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1095674

Ion Ratio Lower Upper

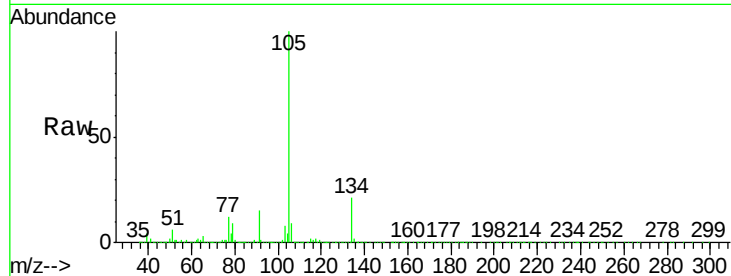
105 100

134 20.7 10.3 30.8

Manual Integrations
APPROVED

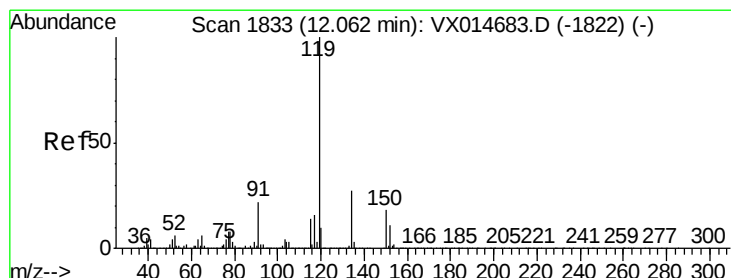
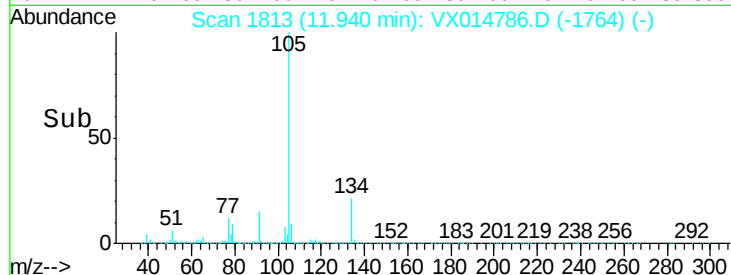
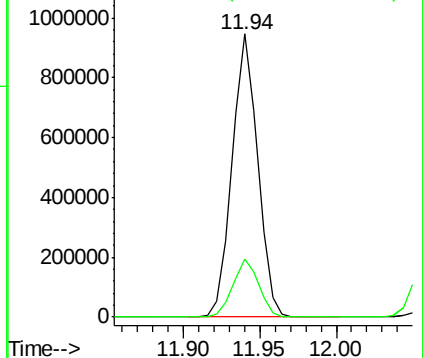
MMDadoda

2/4/2020 3:31:57 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.060 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

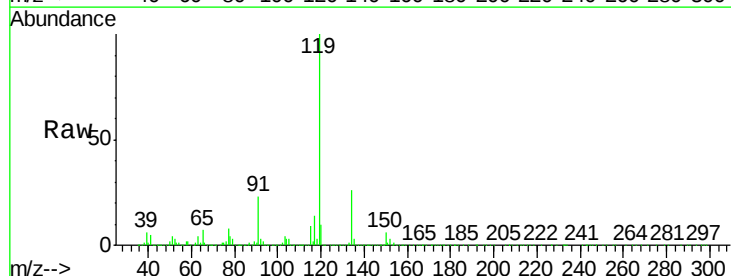
Tgt Ion:119 Resp: 1017445

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

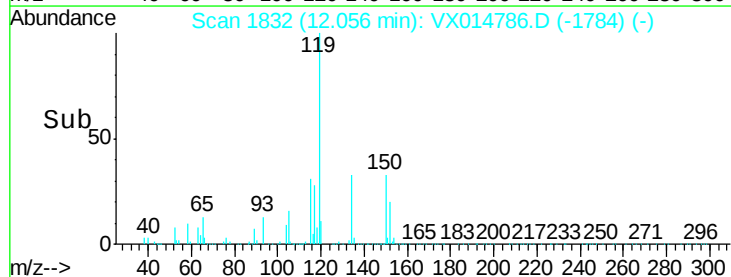
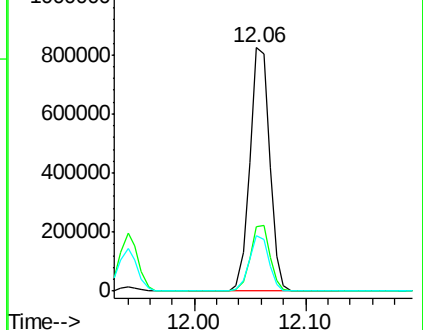
91 22.4 11.3 33.8

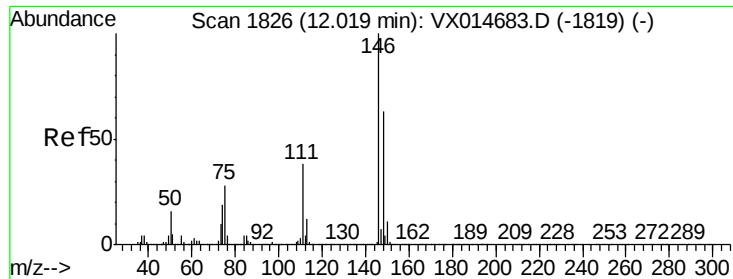


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.149 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014786.D

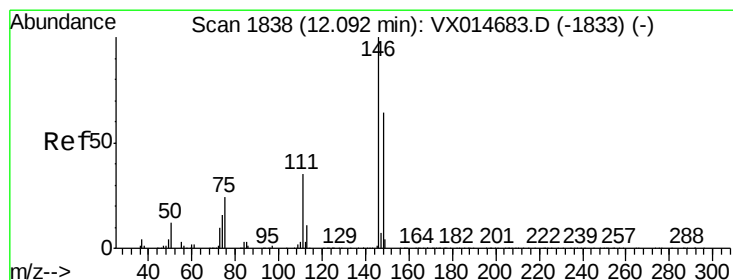
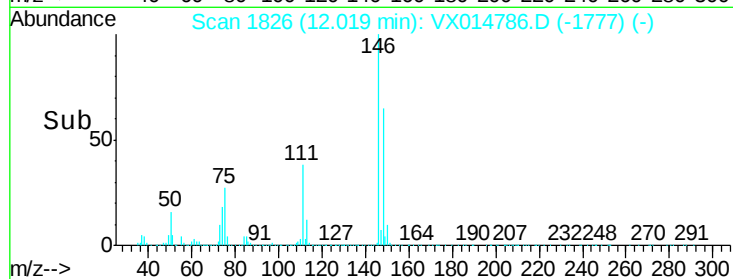
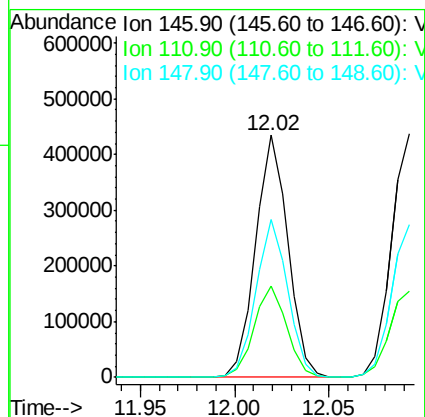
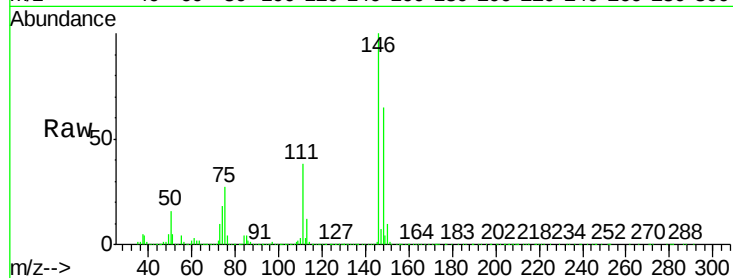
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.6	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#88

1,4-Dichlorobenzene

Concen: 51.304 ug/l

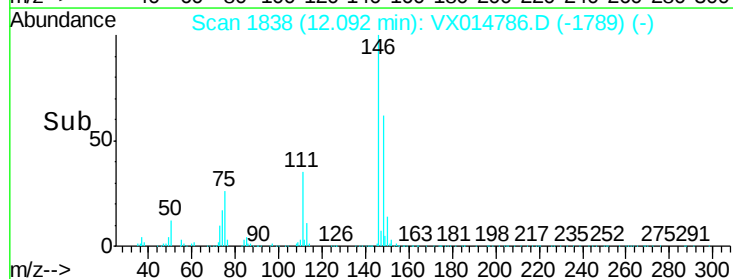
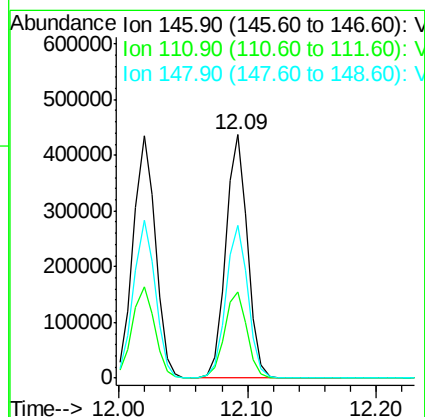
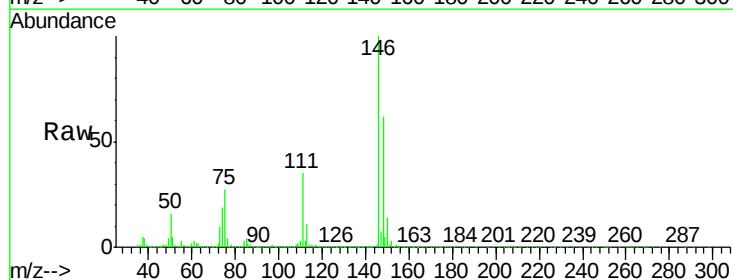
RT: 12.09 min Scan# 1838

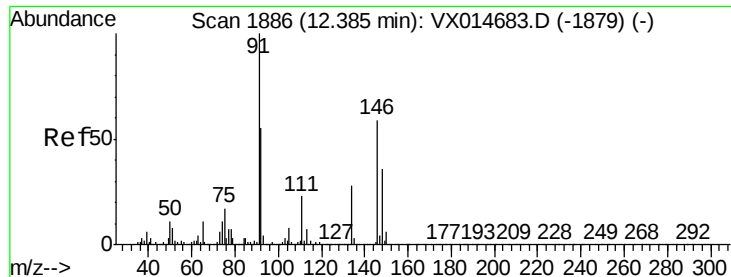
Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	63.6	32.0	96.2





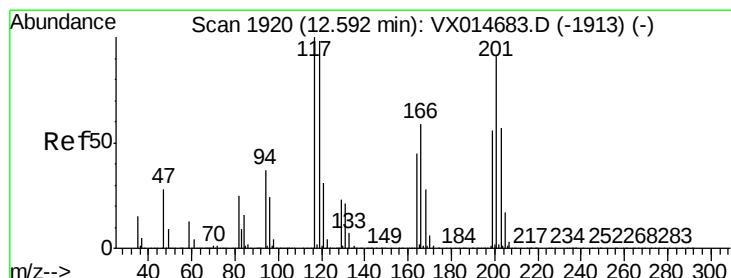
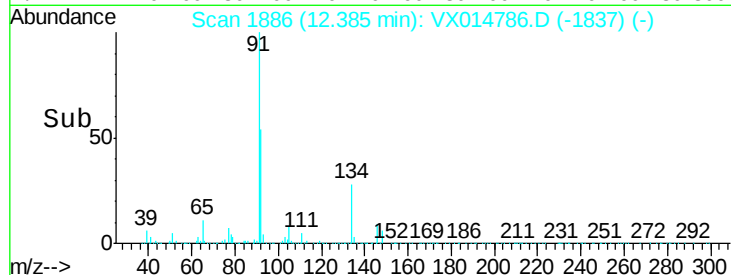
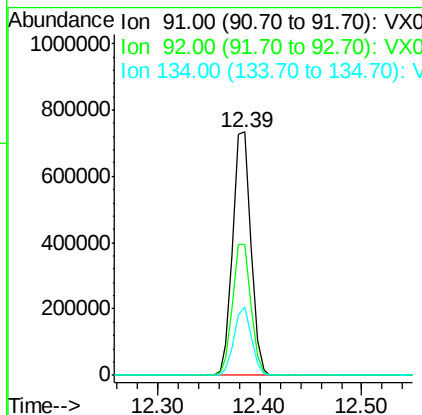
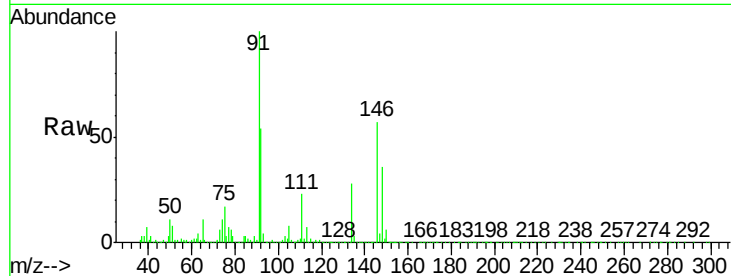
#89
n-Butylbenzene
Concen: 55.624 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	26.8	13.3	39.8

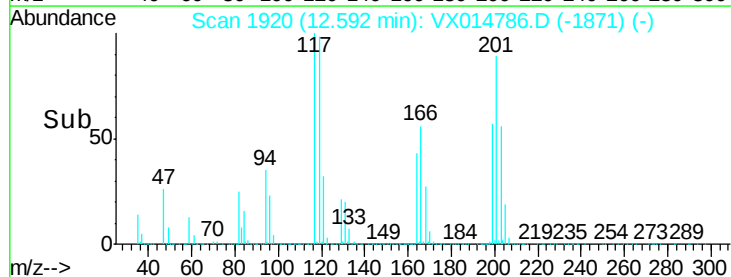
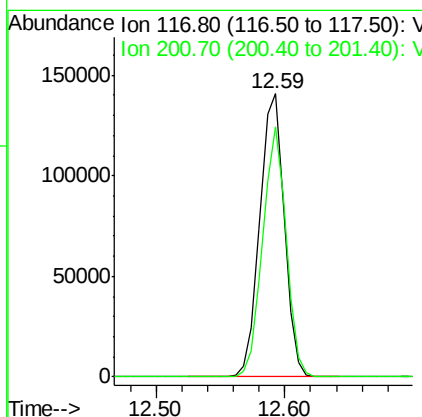
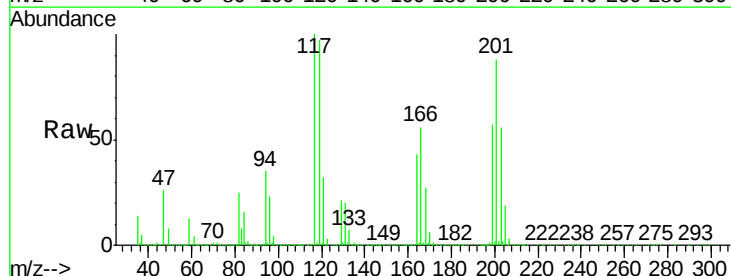
Manual Integrations
APPROVED

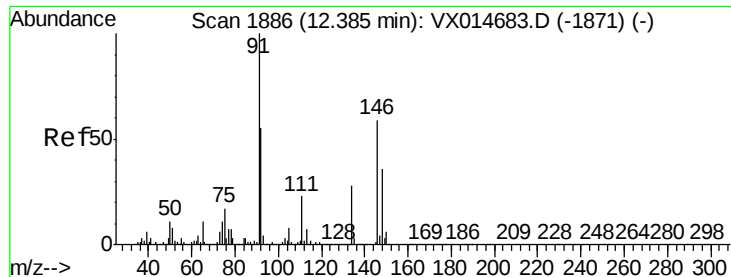
MMDadoda
2/4/2020 3:31:57 PM



#90
Hexachloroethane
Concen: 53.789 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	44.4	133.1





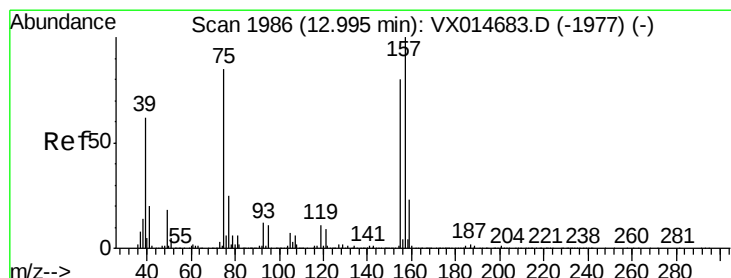
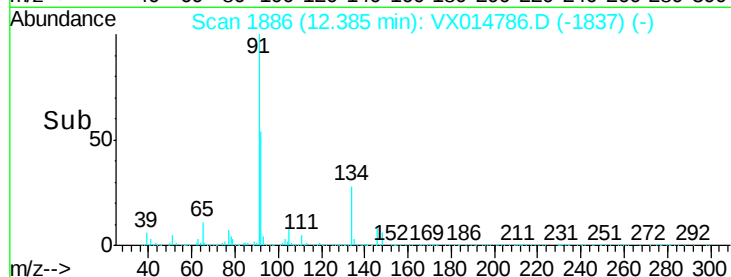
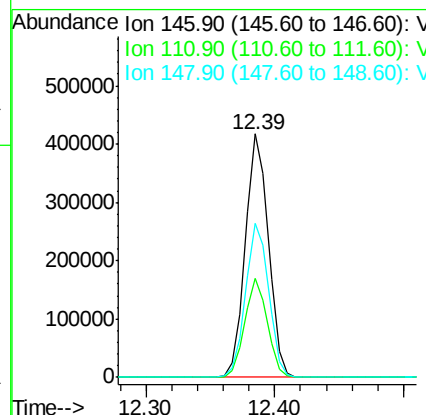
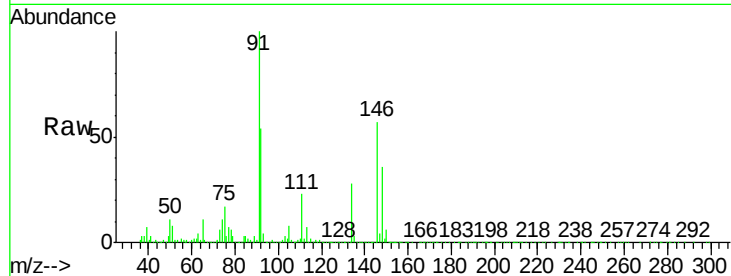
#91
 1,2-Dichlorobenzene
 Concen: 51.238 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	63.5	31.9	95.9

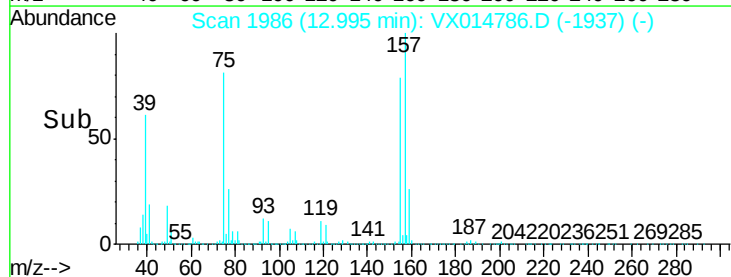
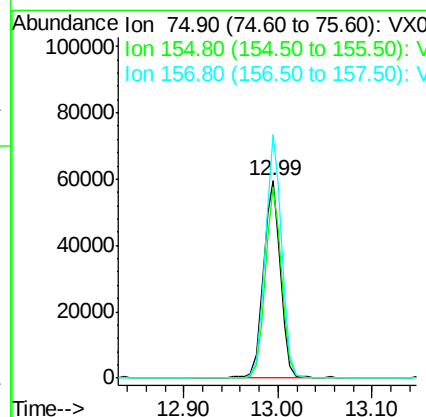
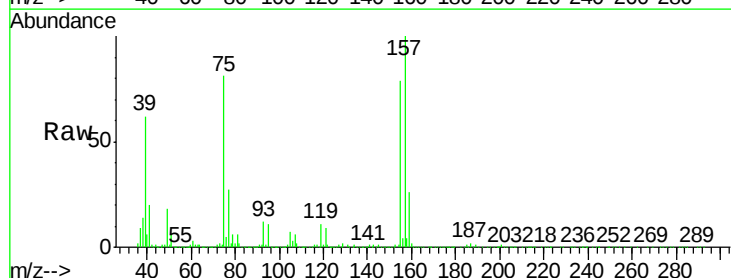
Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:31:57 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.629 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	45.6	136.9
157	118.4	60.3	180.9





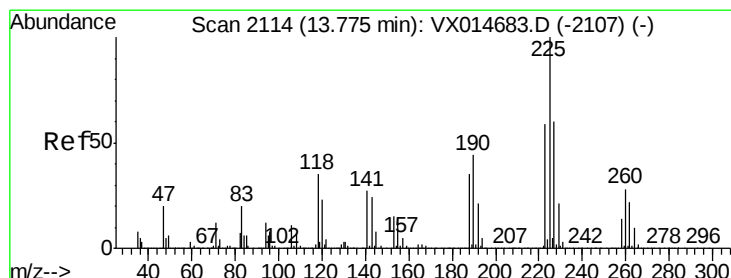
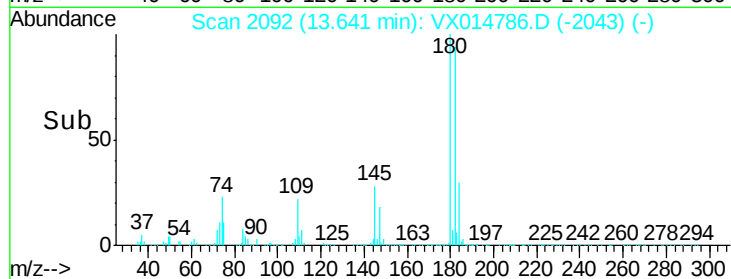
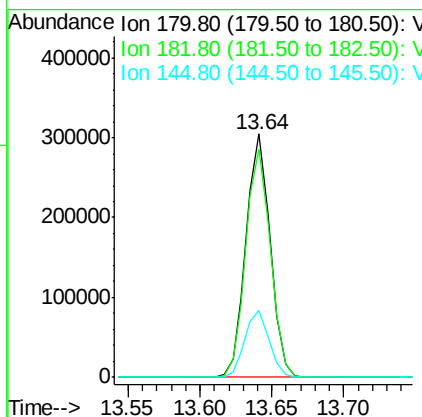
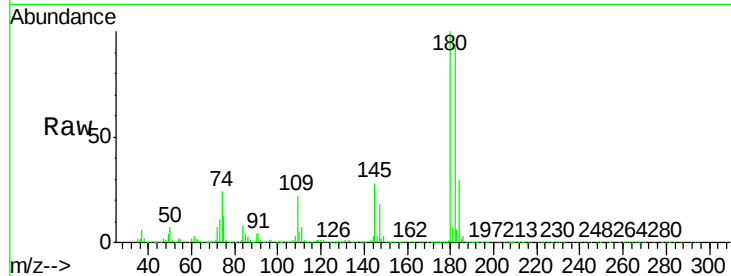
#93
 1,2,4-Trichlorobenzene
 Concen: 54.413 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	352061
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.5	145.6
145	28.0	14.0	41.9

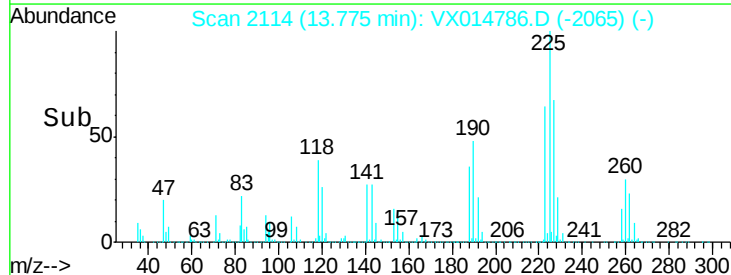
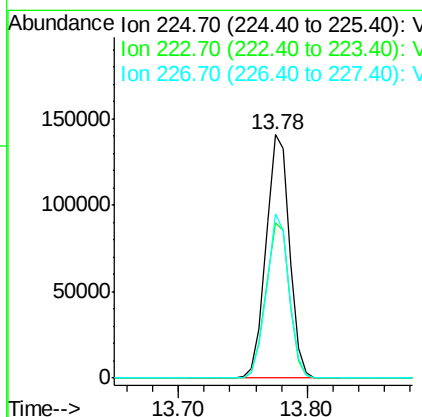
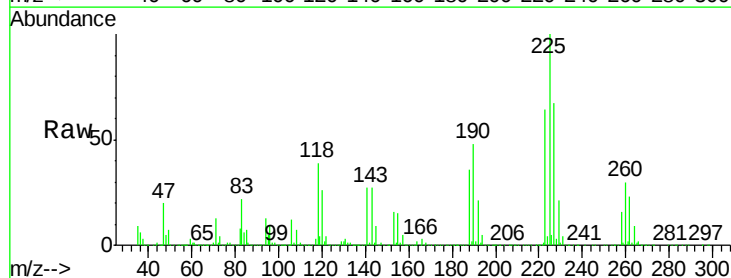
Manual Integrations
 APPROVED

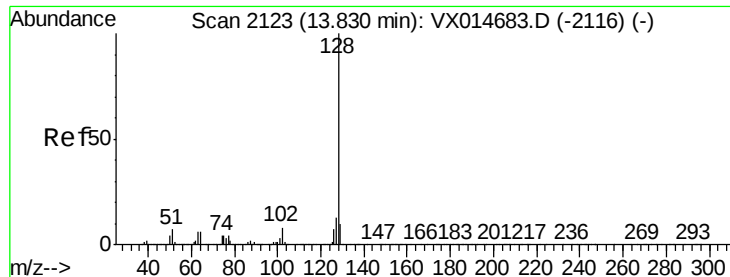
MMDadoda
 2/4/2020 3:31:57 PM



#94
 Hexachlorobutadiene
 Concen: 53.420 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion:	225	Resp:	177896
Ion Ratio	Lower	Upper	
225	100		
223	63.9	30.6	91.8
227	65.1	31.4	94.0





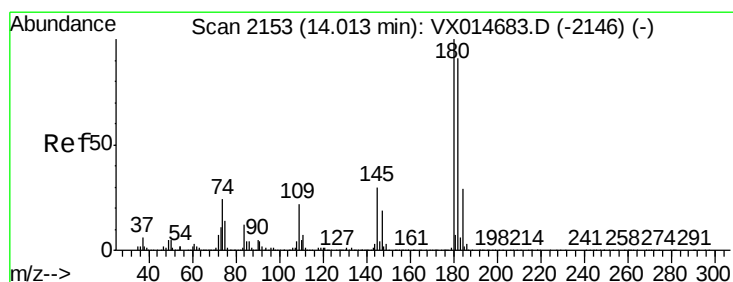
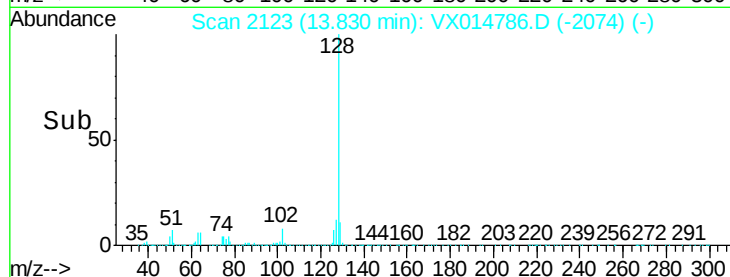
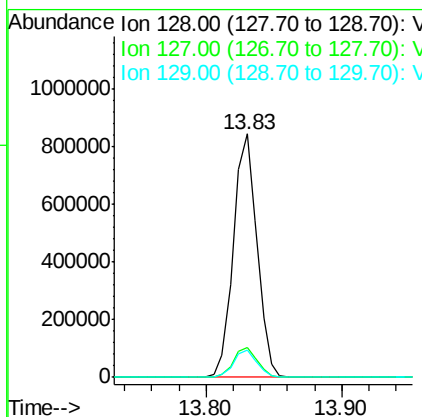
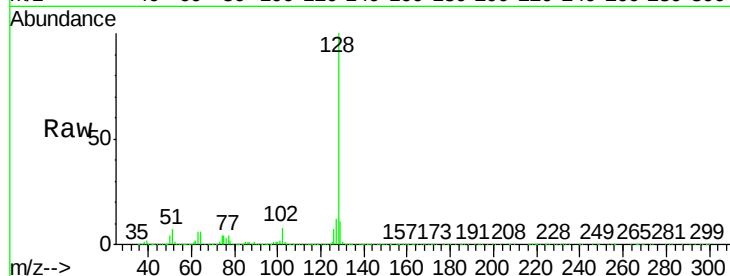
#95
Naphthalene
Concen: 48.779 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:31:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.349 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.7
145	30.7	14.7	44.1

